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2006

## Compilation of Oil and Gas Well Data for Siloam Field, Clay County, Mississippi

Rick Erickson

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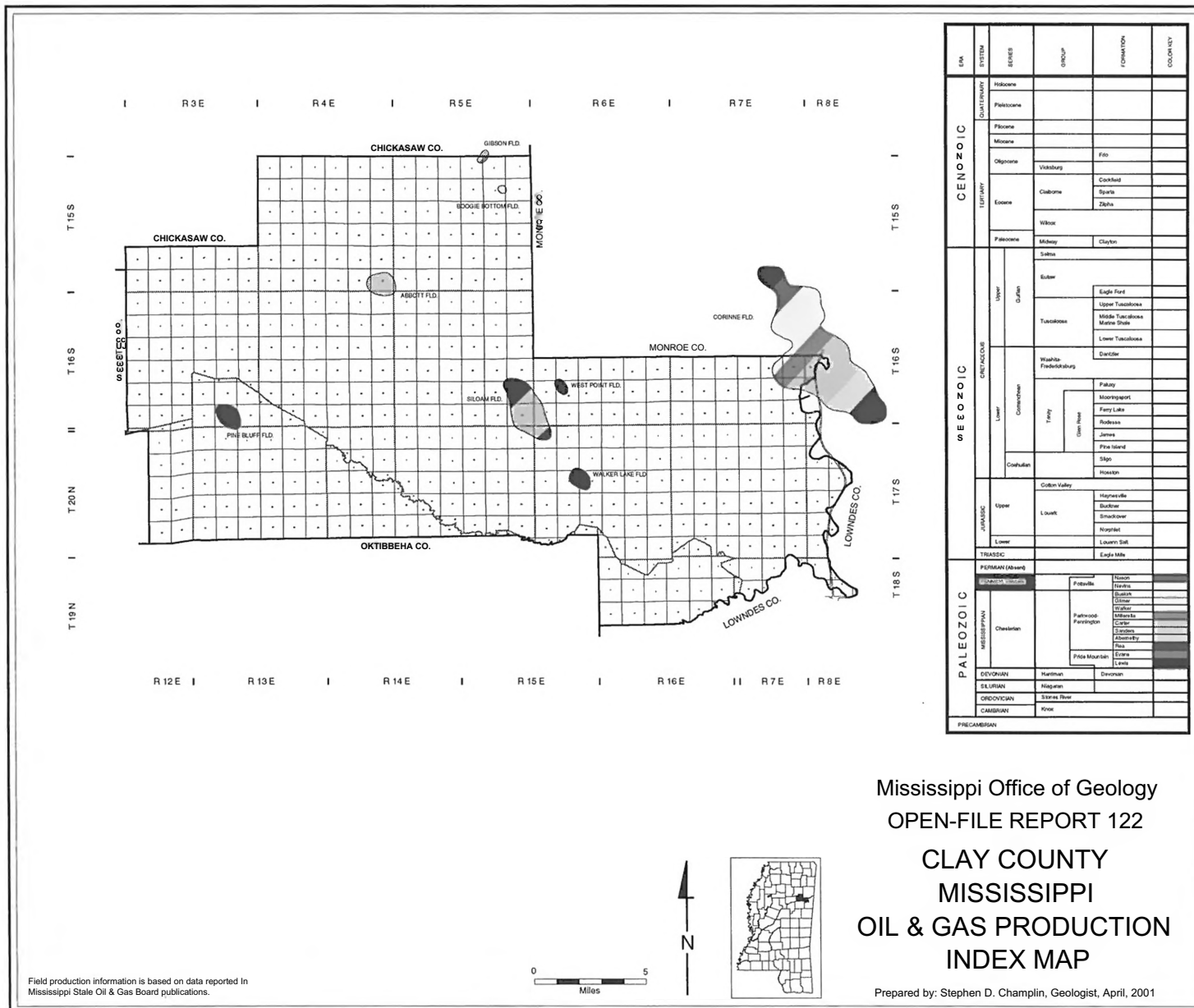
# Compilation Of Oil and Gas Well Data for Siloam Field, Clay County, Mississippi

MMRI Open-File Report 06-0 IS

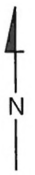
by **Rick Ericksen, R.P.G., C.P.G.**

February, 2006





Field production information is based on data reported in Mississippi State Oil & Gas Board publications.



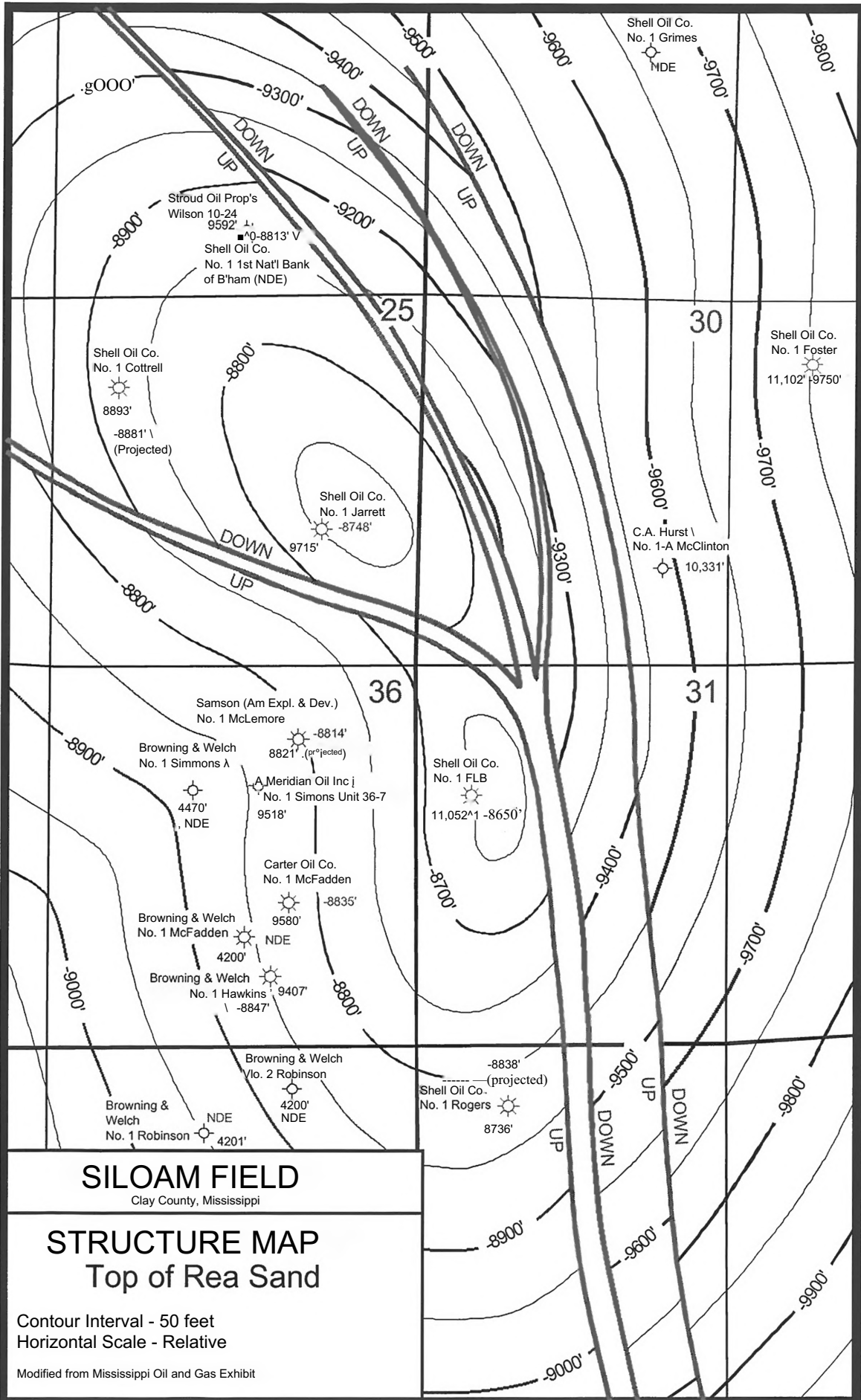
ERA	SYSTEM	MEMBER	GROUP	FORMATION	COUNTY	
CENOZOIC	QUATERNARY	Holocene				
		Pleistocene				
	TERTIARY	Pliocene				
		Miocene				
		Oligocene			Flo	
			Vicksburg			
		Eocene			Coahost	
					Spita	
					Zaha	
				Wilcox		
Paleocene						
			Clayton			
MESOZOIC	CRETACEOUS	Upper	Gulfen	Eagle Ford		
				Upper Tuscaloosa		
		Tuscaloosa		Middle Tuscaloosa		
				Lower Tuscaloosa		
				Clayton		
	Lower	Comanche			Washita	
					Fredricksburg	
		Ferry				
	Cretaceous					
	JURASSIC	Upper			Gibson Valley	
					Haynesville	
		Lower			Booth	
TRIASSIC	Lower			Smithover		
				Wright		
				Louisa Hill		
PALEOZOIC	PERMIAN (above)			Engle Mile		
	MISSISSIPPIAN	Chickasaw				
		Chickasaw				
DEVONIAN	Hartman					
SILURIAN	Hogden					
ORDOVICIAN	Stones River					
CAMBRIAN	Knox					
PRECAMBRIAN						

Mississippi Office of Geology  
 OPEN-FILE REPORT 122  
 CLAY COUNTY  
 MISSISSIPPI  
 OIL & GAS PRODUCTION  
 INDEX MAP

Prepared by: Stephen D. Champlin, Geologist, April, 2001

R5E

R 6 E



T  
16  
S  
  
T  
17  
S

### SILOAM FIELD

Clay County, Mississippi

## STRUCTURE MAP Top of Rea Sand

Contour Interval - 50 feet  
Horizontal Scale - Relative

Modified from Mississippi Oil and Gas Exhibit



WELL RECORD

Quad No. ....

Wildcat.....Area.....

Discovery.....Pool...Siloam.....

Company Browning & Welch..... Well # 2..... Farm As Harme^ Robinson

Location 660 FNL & 2165 86/ FE L of Section

Sec.....A T 17S... Jt.....5E..... Co.....Clay..... State..... Mississippi

Elev. Ser..... a F..... 200.5..... Gr..... 195.5..... K.B.

I. P. D & A..... T. P.....

Pay Zones..... Geology.DEQ.State.MS.US

Perfs..... Office of Geology

Top Pay..... Gravity..... O. O. R.....

Frac..... Acid..... T. D. 4200" Drir 4192; Log P. B. T. D.

Comm..... 6/24/76..... 4200'..... Comp..... 7/9/76..... Contractor...Lphmann,Joh^ n Drlg.

CASING RECORD:

SURVEYS

SCOUT TOPS

0-5/8" @1514'

FL..... Porosity..... Radio Activity..... Core Anal..... Mud Log..... Others..... Log Analysis By .....

Schlumberger Tops Est. T, Penn Fault 1530 3630 700'+out 3942 McFadden

C. S. OIL TOPS

6/30/76 Location 7/7/76 TD 4200 Drlr. & Log WOO 7/14/76 TD 4200 Drlr. 4192 Log DST 3940-4200 McFadden, rec 75' RHM, N.S. 7/9/76 D & A



Geology.DEQ.State.nS.US Mississippi DEQ Office of Geology

API #23-025-20004

Geol. 6126M Rev. 6 S4

# WELL RECORD

Quad.No.....

Wildcat ..... Area.....

Discovery..... Pool... SU.?\*..... <..... <.....

Company Larso Rrlg. Co. r. Inc. Well#..... £1 ..... Farm v., McEadden.  
Patrick Petr. Corp. & Browning & Welch  
Location..... 1587' FSL & 3274' FWL of Section.

Sec. -# 165 R. SB Co «SL. State...-«!?!?!?@.....

Elev. Ser- D. F - ääi.. W.?. Gr. K. B. S.I.T.P. 925#

Lp..... F. 365- MCFGPD v/tr. cond. + wtr. on 12/64" ck. p p 455#

Office of Geology  
Pay Zones..... C. P.

Perfs. 3207-1^ nn. 3900' sd.)

Top Pay Gravity..... G. O. R. 4200' Drlr.

Frac Acid. T. D..... \*214 \* Los..... p p

Comm. 8/1/74 4200 ..... Comp ..... LLZ.Z\*..... Conlraor... ^PI?B.?°PrP^ iel Drlg. Co,

CASING RECORD:

SURVEYS

SCOUT TOPS

8-5/8" @962' w/526 &  
4-1/2" @4012' w/300 Porosity.....  
Radio Activity.....  
Core Anal.....  
Mud Log.....  
Others.....

Schlumberger Tops  
B. Penn. Shale 3283  
Penn. 3400' sd. 3384  
Penn. 3900' sd) 3908-3958

Log Analysis By.....

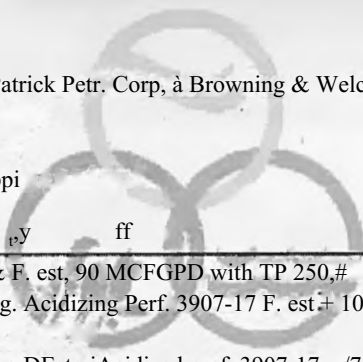
C. S OR TOPS

6/26/74/ Location  
7/31/74  
8/ 7/74 #1670'  
AGMK 3570'  
8/2L/74 TD 4200 Drlr. 4214 Schl. W.O.C.  
Ran DILL FDI D.s.T. 3908-4214  
Open 15 mins, S.I. 30 mins, open  
2 hrs. S.I. 3 hrs. Had gas to  
surf. in 1hr. & 25 mins. F. to  
pits 2-5' flare + 176' GCM, no w  
8/28/74 14200 Drlr. 4^14 Schl. W.O.  
W.O. rig  
9/ Milk N.I. Comp Rig  
9/liHk TD 4200 Drlr. 4214 Log. Prep to  
9/18/74 acidize. Perf. 3907-17 & F. gas  
& burned 4' flare, opened next  
----- --Continued



23025200040000

Lateo Drlg» Co., Inc. Patrick Petr. Corp. à Browning & Welch  
#1, R. E. McFadden  
Section 36-16S-5E  
Clay County, Mississippi  
Page -2-



- 
- 9/25/74 morning on 8/64" ck. & F. est. 90 MCFGPD with TP 250,  
TD 4200 Drlr. 4214 Log. Acidizing Perf. 3907-17 F. est. + 100 MCFGPD  
on 8/64" ck. TP 250#
  - 10/ 2/74 TD 4200 Drlr. 4214. Log. DEstg. Acidized perf. 3907-17 w/750 gals. Swbed  
load, on 3/8" ck. flowed it qpps. TP 40# after 60 hrs. F. est 180  
MCFGPD Prep put on 1/8"
  - 10/ 9/74 TD 4200 Drlr. 4214 Log. Prep sd. fracture  
Perf. 3907-17 F. esc 140-150 MCFGPD on 1/8" ck. TP 400#
  - 10/16/74 TD 4200 Drlr. 4214 Log. Swbng. sd frac Perf. 3907-17 W/11500 gals jel wtr.
  - 10/23/74 TD 4200 Drlr. 4214-Log. Tstg. Perf. 3907-17 F. 455 MCFGPD on 1/2" ck. FTP 60#
  - 10/30/74 TD 4200 Drlr. 4214 Log. W.O. Pot.
  - 11/ 6/74 TD 4200 Drlr. 4214 Log. Perf. 3904-17 F. est. 365 MCFGPD w/tr cond. on 12/64"  
ck. FTP 255# SITP 925#
  - 11/13/74 TD 4200 Drlr. 4214 Log.  
IP thru Perf. 3907-17 (Penn. 3900' sd.) F. 365 MCFGPD w/tr. cond. + wtr.  
on 12/64" ck. TP 455# SITP 925#  
11/1/74 Completed



23025200240000 : Dan Moryan Scout Reports

Mississippi DEQ - Office of Geology

Mew Pay - Siloam Field

AFI 23-025-20024

GEOLOGICAL FIELD SHEET

No. 36 SECTION 36 TWF 16S 5E KEV 20 9' DS

OPEBJTOЙ Brownj n g & Welch.....

f py cwsfa 41 J. H. T. Hii Wit in s 6 b al

LOCATE 99 01 ffl и 2j72JL L EEL

OAFISH C-1 я у

ПТ AT f Mississippi

LEG« DATE 10/1^X79

come LETCN DAT? „1 O/ÆL/^ Q.

ГА WG ИСПра		COVPIETJ>4 HECCED	
иЛ	СИФh		
ЦН/О1* 3/0 ry ia	1756'	GAS - TD;	9433' r C/Crescent Drlg.
	943 3'	PrøD Й0MH:	(Rea sd)prod thru ; i»>rfs
Яи		8651-95' (0A) . IPFT 5 0	MCFQPD , 1
		FNøD-IL/64	" ck, FTP >15#.

5&4FIE TOFS

5EKIUMErPGE8

Elec Log

FORMATION	ИЛ^*	SUÜ-ÆA	FCJØRATIC'N	DEFIH	SUS-LF«^
MeFeddin	3910				
Miss	аобо			I	
B/Miller	B 53 5				
L/Carter	ВЛЛ.8				
L/GaxtÄJ	EfIZTd				
Sanders	BT??				
Abernathy	8888				
Rca.	50 56 *				
LewL^	3340 1				

CoHip Infoi DTD 94 33' (Paleo), ran loqs, set csq t

peri 9060-751 & 9U89-95<sup>1</sup> (Rea) ./1500

15' KCR,

3000 qals HF/ frac w/200/üüQ cal s 335 üOü#

sd, PB L por r '8 651-52 4 G 667<sup>4</sup> 74 \* 8684-85^, b

Ö 7 21-24 \* (Rea 4 f r a c r d , no d e t ~swhd, no " d e t , fr

p Q r 5 s 8651-95 4 (Ruã sô).

MDEQ MDECD PTTC MDEQ MDECD PTTC MDEQ MDECD PTTC M

WELL RECORD

API #23-025-20024

3-T171-74

Quad No.....

Wildcat.....Area.....

Discovery.....Pool Siloam

Company.....Browning & Welch.....Well #.....i.....to ALI AJL?!

Location^.....990' FSL & 2525' FEL of Section

Sec.....MS.....T.....BL.....5E.....Co.....Clay.....State.....Miss^ippi

Elev. Ser.....\*.....D. F.....209.....Gr.....K.B

L P.....F J U I C F G P D.....^.....12/64".....ck.....ir P.....45#

Pay Zones.....DEQ.State.MS.US.....C\*P,.....Mississippi utQ

Perfs.....L 9060-95(OA)

Top Pay.....Gravity.....9-433\*.....Drlr,

Frac.....Acid.....T. D.....9405' \*EL.P, B. T. D

Comm.-.....L9Z.L?./..??.....Comp.....J.....Contractor.....10,300' Paleoz.

CASING RECORD:

SURVEYS

SCOUT TOPS

Schlumberger Tops

5/8" @1756' w/625 Porosity  
@9433  
EL  
Radio Activity  
Core Anal  
Mud Log  
Others  
Log Analysis By

Miss. 8060  
B. Mill 8535  
U. Carter 8598  
L. Carter 8630  
U. Sanders 8742  
Abernathy 8888  
Rea 9056  
Lewis 9340

C. S. OIL TOPS

9/26/79/ Location  
10/17/79  
10/24/79 @1915'  
10/31/79 @4234 stuck drill pipe Fish Log  
11/ 7/79 @6290' 9.1# mud  
11/14/79 @7386' 9.2# mud  
11/20/79 @8445' 9.1# mud  
11/28/79 @8823 S.D. high water  
12/ 5/79 @8880' 9.6# mud  
12/12/79 TD 9433 Drlr. & Log Rug 7"  
esg. @9405 Ran Logs  
Drix, & WOCR  
1/ D/B/Dp ,r.HjTD 9433 Drlr. & Log Prep Par L  
L/09Z80 L...i TD 9433 Drlr. 9405 Log Swbn>  
Perf. 9061-64, 9071-76, 9090-96  
Rae sd.  
1/16/80 TD 9433 Drlr. 9405 Log Tstg  
Swbed Perf 9061-96 OA burned  
sm flare acid Perf. 9061-96  
-----Continued-----

23025200240000

Browning & Welch #1, J.R. Hawkins, et al  
 Section 36-16S-5E  
 Clay County, Mississippi  
 Page -2-

with 1500 gal 102 HCL & 3000 gal MF SITP 1000# Open 4' flare.

1/23/80	TD 9433 Drlr. 9405 Log Flwng frac. mat. Fractured Perf. 9061-96 w/200,000 gal of versagel 350,000# 20-40 sd & 34 units of Ray frac sd.	
1/30/80/ 2/20/80	TD 9433 Drlr. 9405 Log Flowing frac fluid.	
2/27/80	TD 9433 Drlr. 9405 Log Prep PB & Perf. Carter	
3/ 5/80	TD 9433 Drlr. 9405 Log Prep pull tbg. PB & Perf. 8721-24, 8684-86, 8667-74, 8651-52	
3/12/80/ 3/19/80	TD 9433 Drlr. 9405 Log Under water.	
3/26/80/ 4/ 2/80	Geology. DEQ. State.MS.US Refe Hildikg Ncat ion OHH e ei Geology	
4/ 9/80	TD 9433 Drlr. 9405 Log	Prep frac. 8651-8724 (0JI)
4/16/80	TD 9433 Drlr. 9405 Log	Shut Tn high water. Att. to frac Perf. 8651-8724(OA)
	Unable to get fractured	before high water.
4/23/80	TD 9433 Drlr. 9405 Log	Swbng Perf. 8651-8724(OA) SITP 600#
4/30/80	TD 9433 Drlr. 9405 Log	Shut Down
5/ 7/80	TD 9433 Drlr. 9405 Log	Cleaning
5/14/80	TD 9433 Drlr. 9405 Log	Cleaning SITP 1300#
5/21/80	TD 9433 Drlr. 9405 Log	Shut In
5/28/80	TD 9433 Drlr. 9405 Log	Flowing frac fluid.
' 4/80	TD 9433 Drlr. 9405 Log	Tstg. Perf 8651-8724(OA) F frac w/gd S.O.
	by heads after each swb	run
6/11/80/ 6/18/80	TD 9433 Drlr. 9405 Log	Tstg. May have chanai job
6/25/80	TD 9433 Drlr. 9405 Log	Tstg. Carter
7/ 2/80	TD 9433 Drlr. 9405 Log	Prep acid. Perf. 8651-8724(Car ter)
7/ 9/80	TD 9433 Drlr. 9405 Log	Tstg. Acid Perf 8651-8724
7/16/80/ 8/ 6/80/ 9/17/80	TD 9433 Drlr. 9405 Log	Tstg. Re-acid Perf. 8651-8724 w/2000 gals FE IS IP 3400# Tstg. Perf. 8651-9095 Perf. 9060-9095
9/24/80	TD 9433 Drlr. 9405 Log	45 min SITP 950# open & unloaded water
10/ 1/80/ 10/22/80	TD 9433 Drlr. 9405 Log	Tstg.
10/29/80/	TD 9433 Drlr. 9405 Log	Tstg. SITP 775# open on 1/2" ck. bled to 0# in 15 mins, unloaded frac water in 38 mins, unloaded 2.3 bbls in 20 mins, max PSI 105# Changed to 12/64" ck. 4 scab. @65# F. approx 70 MCFG
11/ 5/80		
11/12/80/	TD 9433 Drlr. 9405 Log	on 12/64" ck. FTP 45#
11/19/80	IP	
11/25/80	TD 9433 Drlr. 9405 Log	
	Carter Perf. 8651-52, 8667-74, 8684-86, 8721-24	Were acidized three times
	& fractured, from these Perf. they burned 75' flare & tested small amount S.W.	
	They have determined that Perf. 8651-8724 closed themselves off.	
	10/31/80 Completed	

23025200270000 : Dan Morgan Scout Reports

Mississippi DEQ - Office of Geology

Siloam Field

API 23-025-20027

**GEOLOGICAL FIELD SHEET**

SECTION 36 Twp 16E so 5E 11rv 235\* KB  
 OPERATOR Browning is- Welch  
 fee owNER #1 Simmons  
 LOCATION 1644' EilLur 2125 9 WL

PARISH Clay STAK Miss issinni  
 SEGN MH 5Z2ZEO cowriEтo« DAH 5/16/ 8 0

CASING RECORDS

»L	G^ib	COMPiETKm RECC-PO
8 5/811	1519.1— D	A - TD: 4 47 ũ : C/Whmann-Johnson

Elco Log

FC#MAT:OM	CX=PTH	5UR-5f*	Юг^лгюь	DEPTH	5<<μóEA
Penn	1512'				
B/J2sna	37W				
n34QJT Sil	ÂÔJÛ^'				
wygl Ж					
- Mir					
E-	» ICl « 1 Лч * »LJ »S				
Mi s^i ss t< pi DÉ Q					
Offk P of < i è rd <Hl v					

Comp Info; Ran DST=1 1978-40.00 r [Paleo), rec 955<sup>1</sup>  
 G&ara..... DTD.....4..4ZÛ.! (Daliiai^—LTD- 4 445\*, по оогая.

MDEQ MDECD PTTC MDEQ MDECD PTTC MIDEQ MDECD PTTC Й

31-147 (1-7-81)

WEL) RECORD

API #23-025-20027

Quad No. ....

Wildcat. .... Area. ....

Discover : ..... Pool Siloam

Company Browning & Welch Well # 1 Farm TIT\*?? Minutons

Location 16h6' m & 2299' TM 01 Action

Sec. 36 T. 15? R. 5E Co. Clay State. Mississ ip-

Elev. Ser. D. F. 233.5 Gt. 225 GL K. B.

L P. P & A T. R.

Pay Zones. Mkr OEÚ C. P.

Perfs. ....

Top Pay Gravity G. O. R. ....

Frac. Acid y f>4105' Drlr. & Log P. B. T. D.

Comm. 5/3/80 4100 Comp. 5/16/80 Contractor ,

CASING RECORD:

SURVEYS

SCOUT TOPS

8-5/8" @1529'

EL .....  
Porosity..... ..  
Radio Activity..... ..  
Core Anal..... ..  
Mud Log .....  
Others..... ..  
Log Analysis By..... ..

Schlumberger Tops  
Penn 1512  
B. Penn Mkr 3716  
3400' sd 3800

C. S. OIL TOPS

4/23/80/ Location  
4/30/80  
5/7/80 ;2500'  
5/14/80 TD 4105 Drlr . & Log Prep DST Mladen Sd  
5/21/80 TD 4105 Drlr & Log Prep P&A  
5/28/80 TD 4105 Drlr. 3 Log  
No Cores or SUC taken.  
DST 3935-4000  
Ж 385  
ИШ '1919' JT? 436  
IFP 297 j. JDIP 1534  
FFP 360 FSIP 1469  
Rec. 955' v. slily GCM  
5/16/80 P & A '

31-147 < 1-741

# WELL RECORD

API #23-025-20041

Quad No. ....

Wildcat..... Area.....

Discovery..... Pool Siloam Gas.....

Compan, Southfield Petr. Co. Well# 1-A Farm MaClenton.....

Location..... 1275' W of East line & 15001' N of South Line.....

110

Sec 30 T 16S R 6E Co. Clay State Mississippi

ElBV- SUT P- P Gr. K.H. 214

IP P & A T, RA.....

ray zones Mississippi UEQ C, P.....

Perfs.....

Top Pay Gravity..... G. O. R.....

10,331' Drlr.

Frac..... Acid..... T. D. 10,326' Log R. B. T. D. ....

Comm..... 1/30/82 ^ 10,400' Comp..... J. 23/\$2 Contractor.....

### CAS'NG RECORD:

8-5/8" @1465'

EL .....  
Porosity.....  
Radio Activity.....  
Core Anal.....  
Mud Log .....  
Others.....

Log Analysis By.....

### SCOUT TOPS

Schlumberger Tops

Nason Mkr 6854  
Carter 9530  
Lewis 10240

### C. S. Oil TOPS

2/ 3/82 Location  
2/10/82 @1466 S.D. rig repeir.  
2/17/82 /2000'+  
2/24/82 /5417'  
3/ 3/82 /67062'  
3/10/82 /7929'  
3/17/82 /8746'  
3/24/82 /9683'  
3/31/82 /10240'  
4/ 7/82 TO 10331 Drlr. ] 0326 log WO  
DST Carter failed.  
4/14/82/ TO 10331 Drlr. 10326 Log Prep  
P&A No Cores or SWC taken.  
4/21/82  
4/28/82 TO 10331 Drlr. 10326 Log  
4/23/82 P & A



Geology.DEC\*.3air.F4S US  
Mississippi DEQ  
Oilf( ->Gevbply



31-147 13-742

WELL RECORD

API //23-025-20041

Quad No. \_\_\_\_\_

Wildcat..... \_\_\_\_\_ Arcs \_\_\_\_\_

Discovery..... \_\_\_\_\_ Pr>n1 Siloam ..... Re-Entry \_\_\_\_\_

(min. C. A. Hurst Well #..... 14A Farm McClenton  
Fmly: Southfield Petr.

Location 1500 WSL & 1275 JEL, of ejection

Sec..... 30 T. J6S..... R..... 6E..... Qo Clay State Mississippi

Elev. Ser. .... D. F..... Gr.,»..... K. R. 214

LP. P & A T. P. deology0EC CLiteTT-5 IT-

Pay Zones..... P ~ssis:HP» (»E Q

Perfs.....

Top Pay Gravity..... G. O. R.

Frac Acid..... T. D. 0TD..... P. B. ED.....

(Comm..... 5/20/83..... Comp..... 6/3/83 Contractor.....  
5000' PZ

CASING RECORD:

SURVEYS

SCOUT TOPS

"H-1/2" @5100' EI. ....  
Porosity.....  
Radio Activity.....  
Core Anal.....  
Mud Log.....  
Others.....  
Log Analysis By.....

Schlumberger Tops  
Nason Mkr 6854  
Carter 9530  
Lewis 10240

C. S. OIL TOPS

5/18/83 Location  
5/25/83 Cleaning out  
6/ 1/83 OTD 10336 D & A 4/23/82 8-5/8 #1465  
Cleaned out to 5150, prep Perf.  
Ran Logs ^5150, 4570-80  
Also plan to test 4344-54  
6/ 8/83 OTD 10336 Swbng Perf. 4570-80  
6/15/83 OTD 10336 Acid. Perf. 4565-75(Ct tr.)  
w/1000 gals 15% HCL & 200 gals  
zylese & s-wbed. ^d±dT-'W/äud  
& little gas & ^S\$HM300 4  
Perf. 4342-52 W40 & 'swWd no  
fluid entry.  
6/3/83 P & A

23025200410000 : Dan Morgan Scout Reports

Mississippi DEQ - Office of Geology

Siloam Field

API 23-025-20041-01

GEOLOGICAL FIELD SHEET

SEcnoN 30 Pw vo 6E<n y 2 И ' KR

OFERATCR C ■ A \* Hurst.

F=E OWNER 11 - A Me Cl l n t on

ICCATIDN 1500'

.127 5 \* FEL

FARISH L-Lay

SIATE „Mississippi

EEGIN C-ATE Re-Entered 5/23./83 COMMPYUЧ DAT?

6/4/83

GASNG HEcoeD

COMPLerUN' RECORD

are

Utr»

8 5/87

WS' Old

D&A- TH: 5150

4 3/4"

5100'

Илг

И

TOPS

SAMPLE

SCHIUMDLHGER\*

Elec Log

FCS-RATK^

сеян

SUBSEA

FORMADON

DEPTH

SURSE A

Nason Marker

6854'

Carter

<5530'

Lewis sd

10,240'

Geology. IIA State IAS Lic/

Mf S isari ppi

Offi : e of ьe >logy

Q'i'ig drla by Southfield Pet. Co. - Отр 10, 3.3 LL

ö&Å 4/15/83 - Criq teal was carried as development

we i I lot Is 1 \*P E Pí Fid) TD 515 D' ! PalçscjicJ

r a il loga, ser esgj perf (U/Pcjmsyfint NA]

lvania),

tstd sm amt gas.

MDEQ MDECD PTTC MDEQ MDECD PTTC MDEQ MDECD PTTC й



SILOAM FIELD (Disc.)

23025000030000

GEOLOGICAL FIELD SHEET

ЗЕСПоЯ. 36 TWP. ISLM RS. 5 E tLcV----- iβB Ldf-----

OPERATOR. jniE..dC^fjaiLJ2.iM Company

FEE QWMER. #1 Mattie B. McFadden, et al

Loc.ON. CgsJ5x\_HH\_SIL

PARISH- Clay STATI Mississippi

ÖLÚIN DATÉ. IB/ 13/52 COM PLEVO N ODTE Z/2 2/5 3

CARINO RECORD		COMPUXHON RECORD	
U Xαj	DEPTH	TD 9578 Schl: 9580 Prir	
16" T5	*1 / 75 sx	PERE.....- f Re - Per fl 881 fi -29 w/111	
10-3/4	CX 163.7	IP: EJ En/ii ra te 580 MCE gas alus ..-	
w/400	SLE ^j	L 2 bbls corid oer. day* 4" chk,	
9444	w/450 sx.	TP 625#: Gvty 59 ° dPT ~	

ganEe

TOPS

ISCHLUMEERGER

ЯСМЬПМНЛЕ»ПЙР

FORMATION	OFPTH	UB-SEA	FORMATION	DEPTH	SUØ-5FA
En 1	355	155			
*1 Tuse . - -	38.7	/^7			
Li P A j	144Q	/240			
H5 Miss	7122	if 2.2-			
p Mi licrella	8490	8290			
Tí Carter	8644	8444			
« f Sanders	8820	/ó 2-?'			
H Lcwl^	эa.2й	9126			
£ Dev	955.0	9350			
□ тη (Schl	9578	9378			
(prir	9580	7 3^a			

MISCELLANEOUS INFORMATION

7/24/52 Location.

10/23/52 16" egg oar tod. ^Re-Set 16" j 172 w/300sx

11/13/52 CМPH.3 022.313- RAA8' hg- tie s sd w/tmin

sh strks g idd л dör - . fair П ny .2' Jd.

as Ahová W 6nofEL sh strks.- Ø\$Tr 3023-13; open 50 r.ii 11 bl 20 min - died. dcc

15' mud. ijpg j -2^-. á.

^4vi\*

11/26/52 DST: 3^94-393.11 é ""M/S 'M; ..Open 2

xas J;Ü\_suri.

lo i\$ Ls 5'

Clit

aiAj. ^r1111пE\_4^4Д. of Geology

12/4/52 ÜST: 45SÜ-4646; {"T-ü/óE

slíbi , Re c0180\* sij gas

175#; Hydro 2475#;

23025000030000

cowc DEBGRIFTION

3A1\*

j i 1 / Sk Cored 4934-51: Rec 17' sh, DST: 4930-  
 Rec mud.  
 Rec 46-1 s4A-t' sh xZski .q L1.  
 ..,odox^, DST: £978-5002; lLlWA m?£nJlO да  
 I— JL^£^Д2 п;иЛ ^DrLLgL-^IMZ

12/18252 TD JL253 Eishing for Drill Pilie.

1/ 8Z53 ЛЗТ., 6463ЛЛ-Д.Л. ^ 1 hr B0IT  
 J— 102 мB Ürlg Æ5Qfi^

1/20/53 Cored 7052-7100.: Rec 3Й sd w/sli d r  
 9P fresh Cared  
 7100-50; Kec 222L Jas above; 28 h. £  
 7150-62.; Rec 12/ ak.

2/ sZ53 „Cored 7^6Я=23.164 Lec 2&ЛБr/-X i-grad sd  
 w/good odor-stn-f luor. 25\* sh, OST;  
 7254-7316; open LJ hç3 ^1" JL-3/g "B; .Open  
 12hrs; TP1#. Rec IQ', gab cut iuuç. DST  
 ... —7252-7316^ JfT-3ZB."B^ openkls min, sii .  
 b lo» „ Ле c Л.О' £aö cu t-iuu d -r na. Prass ur es.

2/25/53 Cored .7323^73 :Recsd,usilstn sh. «L  
 C7973-Ö023: Hec 3' sb. 6? mudstn. 6' Lm-  
 stn, 10/siltstn, 17' sh, 5\* siltstn, 5' sd  
 w/odor & stn on fr brk. £ 8023-67: ^ec  
 -ädsAn TO &0;L Shut down -  
 high waier. -

1Y 2/53 Cored 3554-6604 : Rec 1' sd, KS, 43- sh, 6'  
 sd w/sp fluor, \$ 8621-56: Rec 14' sd 83x2s  
 \* stn, 61 sh, 13' Sdd ^Z£5,iXL odor &  
 R j. fluor. DST: áS0B-&6; j"Т-3/8"В: open П15  
 O^тм Qa5,tosipLt ijo 4£iöini TE 21ÜÉ AB  
 «iД n! ajnt ^s.; TP^J5^end\_of  
 -----/ ç Efir \ ICIO ' .g2L5 -cut- mud -85 56—59; ç  
 6ffiRes< odor .....£...si i—cut-^ Ç ä 66-4-  
 ç5.: ЛкcЛX.' ЪЛ ^Уз^pB,ç^—1п ^rac^

3/2 e Y \$ 3 C<1Г e d Л 68Л- 941—Rer—4 ' hd 1 Л. to dk-gr sd  
 %/ faJLr -to- good odor,—P Л694/Л 7 EZ 1 Bac» 5Л  
 ÄS ahme\* K5Ti, afi5ß-ÄZIL i'^t=3ZJLBi cPe»  
 L'25 min,t TP çf. Rec 480' gas cut mud;  
 BHFP 225#L SIBHP 3725#; Hydro 4700#. ý  
 ^7.18:Л.81 Lec Л0\,ьп &4or Л  
 fluar» 29 "sdstn, £1. grud Arac V/fair ador  
 „ f luar.

23025000030000

Carter Oil Co.

Elev + 200 DF

#1 Mattie B. McFadden et al

Clay County,

Sec. 36-16S-5E

Miss.

#3.

4/2/53 Cored 8768-3818: Rec 1' sdstn, 50' sh w/strks sd. Ran Sebi @ 8835, \$ 8836-86; Rec 44' sd & silty sb w/sli fluor, 6' sd w/sli odor & stn. i 8886-8936: Rec 50' hd silty sd w/sli fluor - fair odor & stn. DST: 8874-8936; 4' 1-3/8" B ; open 1 hr. sii blow. Hoc 30' hvy gas cut wd; BHFP 950#; SIBHP 2750#; Hydro 4500#.

4/9/53 Cored 3936-86: Rec 50' sh. C 9053-90: Rec 24' sd, silty hd Ute w/sli gas odor, 2' sh, 6' sd as above, 3' sdy \$h.

4/16/53 Cored 9237-87: Rec 3<sup>i</sup>\* sdstn, 48j<sup>r</sup> sb, 1' 3<sup>o</sup> sd, NS. C 9287-9333: Rec 7' sh, 1' Lmstn w/HoS odor, 5j\* sh, 6<sup>r</sup> lmstn w/HgS odor; 6' hd sd, NS, 13' sh, 7' Sd, NS. i<sup>e</sup> 9333-40; Rec 7' Sand, NS.

4/23/53 Cored 9342-61: Rec 19' bd anse sd-stn w/blk stn. £ 9361-9412: Rec 18' hd sd 'W/asph stn; 6' sd, fl grnd w/sli odor & golden fluor i 3' sd W/NS, 26<sup>r</sup> shale.

4/30/53 Cored 9490-9528: Rec 10' dnse lmstn, 1' sh, 22' folk shl £ 9550-74: Rec 9' lmstn, 2' lmstn & chert, 2' frac lmstn, 1' lmstn & chert, 4' lmstn, 1' lmstn & chert, 5' ~~lmstn & chert~~ C 9574-84: 2' dnse TmSLn. Rec 4<sup>r</sup> chert\*

5/7/53 Plug PERFORATED 9332-b4 w/ nn' 192. 1<sup>r</sup> DsT: 9299-9409: i<sup>r</sup> T-3/8" B: open 4 hr Gasto Surface in 3:40 min; GP 19#. Burned Slue Flame. BHFP 1625#; SIBHP 1625# (30 Min); Hydro 4675#. Prep to Peri 9300-07; 9332-761

5/14/53 PERFORATED 9304-11 w/21. DST: 7/8" T-5/8B open 4 hrs, gas surf in 2:34 min, TP 8#. Fracture treated w/5 bbls Diesel fuel, 12 bbls acid, 96 bbls Jel X & 90 bbls Diesel fuel. Swabbing Diesel fuel & Acid.

23025000030000

5/21/53 Plug back to 9300. PERFORATED 9054-80

w/78, DST: 9009-9300, Open chks, 2000' WC, fair bl. No rec. Plug back 8950, PERFORATED 8910-41 w/75. DST: 8885-8950, open Tbg, 2000' WC, open 3 1/2 hrs, fair bl. Rec 180' mud - no oil. Plug back 8790. PERFORATED 8746-64 w/54. DST: 8712-90; open 4 hrs. 2000' WC - fair bl, Rec WC plus 2300' gas cut mud. Plug back to 8730. Prep to perf.

5/28/53 PERFORATED 8648-94 w/138. DST: Pkr 8600;

Pr-5/8"B: 2000' WC - sii blow - Swbd but no gas rec. BHFP 2295#- No SIBHP, Hydro 4590#. Plug back 8640. PERFORATED 8610-29 w/57. Prop to sand-Oil treat.

6/ 4/53 Sand-oil treated. Flwd 16 hrs on 5/8" chk-

Flwd rate 339 MCF gas plus 23 bbls cond, TP 605#; GOR 56,498:1. Flwd 12 hrs on 1/4" chk @ rate 747 MCE gas plus 7 bbls conc, Gvty 59.6° API, TP 1150#, Testing.

6/11/53 Set Bridge Plug @ 3955, PERFORATED 3894-

3906; 8914-28 W/total i 56. Treated w/ 500 gallons mud acid. Sand-Oil treated w/92 bbls Diesel Oil (1-3/4" Sd per gal.) Plus 50 bbls Diesel Oil.

6/18/53

Swbd in - Flwd 11 hrs on 1/4" chk - - unest  
Amt gas, TP 500#. 2 1/2" on Pkr 8585. Prep to  
Comp » 'I

6/25/53

RE-PERFORATED 8610-29 w/114. Treated w/500  
gällós mud acid. Flwd to pits on 3/8" chk,  
TP 100#.' Sand-oil treated w/90 bbls Diesel  
Fuel (2# sd per gallon) t^oo#. swabbing.

7/ 2/53

2 1/2" on PH 8590. DESwbd 12 hrs - sii SG.  
Shut in ffivavngeri8gof f location.

7/ 9/53 SITP 2700#, Bled down to 200# in 1 Hr on

24/64" chk. Testing.

7/16/53 Flwd 24 hrs & rate 7 bbls fluid/day; chk,

TP. 370#+ Testing.

7/23/53 Comp: 7/22/53, IP: Flwd © rate 580 KCF

gas plus 2 bbls cond per day. I<sup>u</sup> chk,

TP 625#, Gvty 59° API,

WELL RECORD

2302500030000

Silviam Field (?)

WCD-WC

City COUNTY

Miss.

OPERATOR The Garter Oil Company

FAWM Gattie 8. KcFaeden et al

NO. 1

SEC. TWP, RGE

r6s 5a

rnn 660' S & 897\* 3-of .WZc^, -

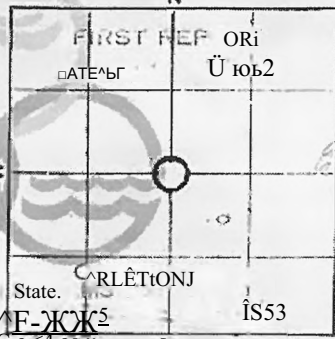
Scale approx: 2100' X 1900' W of SS, El 6S-S-S

SPUD COMP 10-13-52 7-22-53 I.P.F. 580.488F 14 CK. 625" T.P. C.P. 59° CG. AOR

DATE DATA +2 BORD

SEP 10 1952  
5p  
SEP 24 1952  
OCT 1952  
OCT 8 1952  
OCT 15 1952  
OCT 23 1952  
OCT 29 1952  
w r//  
NOV 5 1952  
NOV 1952

△.aXH..to st. △.ati-on Crow & Co, Cont  
Rds.  
WOR  
RUR  
Ø 105  
TD 1530 woc  
F. F. 770' by sample  
TD 1796 & to 1795 woc  
Ø 2547  
ZZ JGÄZ Prop. to DST  
Ø 3033-3043 8' sd, 1 g., tight, w/ sh. streaks, w/ gl. rd, fair - gl. fluv. 2' sd as above but w/ more shale  
Ø analysis showed 0 ferns, 5-8 to 10 ft  
& Jü8 1/4 T 3/8 B  
DST 3028-3043 1' open (ojzäZéAí.)  
Very slight blow for - min & w. b. then died  
Pld's see 15' of mud NS  
Ø HEP 25# 51BHP 0# Hydro 1750#  
Ø 3706



ELEV. 202 DF. GR. (L-S)  
TOPS BY SCHLUM.  
Mud 255  
Tunc 387  
Paleozoic .. /14.C.  
Miles 7122  
Mill 8490  
Carter 8644  
Sanders 8820  
Lewis 9326  
Roorman 9530  
5490  
7122  
1368  
144 n  
255  
1185

Geology.D EQ STATE MISSISSIPPI  
Of file of Geology  
NOV 23 1952 Ø 4345 sh, grey sh mudlogged - showed gas 3898-3900 & 3914-3916 j; \* < 3.32® - 3922 in cuttings

ELEC. LOG IN FILE DRUR STD  
CASINO RECORD  
16" @ 170 w/ 300  
10 3/4" @ 16.37 w/ 400  
5 1/2" @ 9444 w/ 450



» 23025000030000

DATE	DATA
DEC 3 1952	DST 3894-3934 3/8B-1/4T Open 2 hr Gas to sur. in 40 min. Turned to pits burned w/ 5' bright orange flame TP 18 Rec. 75' slt & gas cut mud no SW BHFP 25# 51BHP 925# in 25 min. Hydro 2050 # Ø 4822 shale
DEC 10 1952	DST 4590-4646 1/4T-3/8B Open 1 1/2 hr. SI 15 min. Sli blow Rec. 180' gas cut mud BHFP 175# 51BHP 1000# Hydro 2425 # Ø 5134 shale mud logger show 4929-4934 sandstone, f.g. 80 unit gas pick in cuttings Ø 4934-4951 17' shale
DEC 12 1952	DST 4930-4951 1/4T-3/8B Open 30 min sli blow Rec. 15' mud all pressures 0 # mud logger show 4978-4986 lite sd, 100% fluor 95 unit gas pick in cuttings Ø 4986-5002 16' sh, sdy w/ fluor & oil odor
DEC 30 1952	DST 4978-5002 1/4T-3/8B open 30 min. SI 15 min Rec. 10' mud sli blow all pressures 0 # TD 5753 stuck Ø pipe & now fishing
JAN 7 1953	Ø 5991 shale Ø 6150 sd w/ some sh TD 6482 in... JA&C lite sd blue, gold fluor 50 gas in cuttings 6464-6482 Geology DEQ State MS Office of Geology
JAN 14 1953	TD 6498 Prep to DST 16853 Totco @ 6773 hob 2 1/2" off vertical DST 6463-6498 1/4T-3/8B open 1 hr SI 30 min Rec. 10' mud NS all pressures 0 #

WELL RECORD

2302500030000

FLD-WC

COUNTY-

OPERATOR  
SEC.

The Carter Oil Co

FARM.

McFadden, et al

NO. 1

TWP. RGE.

LOC.

SPUD.

COMP.

I.P.

-BOPD.

-CK.

T.P.

C.P.

CG

GOR

MAN 21 1953  
JAN 8 1953

DATE

DATA

Ø 7052

Ø 7245 sh

Ø 7^2-11aa

39' gal w/qty, tile,  
oil st, no for, no ferms;  
1' shale

Ø 7100-7150

22' sd w/ oil,  
hd, tile, no for, no ferms;  
28' shale

Ø 7150-7162 12 shale

FEB 4 ^59

Ø 7479

Ø bke Ø 7255 sd w/ 10-25% fluo  
150-300 unit gas kick in cutting

Ø 7266-7316

25' sd brown-  
gry, f. g., silty, hd, tile, gd  
oil & st, blue pp floor,  
gd yellow out; 25' sh

A.64224-Z14

1/4 T-3/8 B

open 1 1/2 hr. gd flow

MTP 1/2 # Rec. 10' gravel

mud 777 500 #

7 1/2" 325 # in 20 min

DST 7252-7316 1/4 T-3/8 B

open 1 hr 15 min sh flow

Rec. 10' GCM all ferms  
0 #

T. miss by sample 7122?

FEB 1 1553

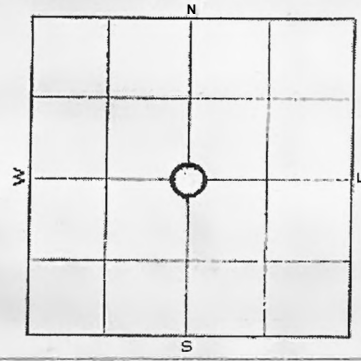
Ø 7717 shale

JEB I 3 1953

^ZSLLi

Ø 7923-7973

6" f. g. sd US;  
TLtiA 77ti j & -jd 8' sh;  
3' dk gry lms, x' talline-dense  
very loss; 3' gry lms, fincl;  
x' talline; 50" sh w/ d land;  
a fi. 7.7 No



ELEV. DE GR. (L-S)

TOPS BY SCHLUM.

ELEC. LOG IN FILE DRLR'S TD.

CASING RECORD



WELL RECORD

23025000030000

FILE NO

COUNTY

OPERATOR  
SEC. TWP. RGE.

zZe22/2c

FARM

McFadden et al

NO

J

LOC

SPUD

COMP

I.P.

I.O.P.D

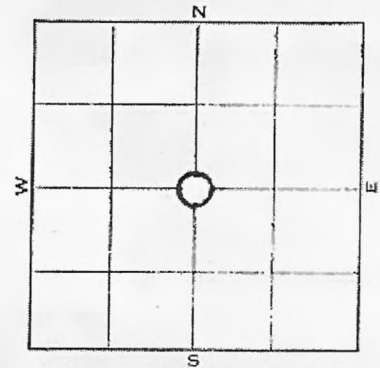
CK TP

C.P

CG

GOR

DATE	DATA
	slip to fair cut in caplog tet, oil od, thin streak shale DST w/ ph @ 8656 testing to 8717 1/4T-3/8B open 1 hr 25 min SI 15 min MTP 1/2# BHFP 225# Hydro 4700# GCM



ELEV. OF GR. (L-S)

TOPS BY SCHLUM

APR

1 1953

Cond. hole -  $\phi$  to 8718

$\phi$  8718-8768 20' sd w/ sh lam - fluor & fair od, asphalt in frac; 29' sandstone, gray, v. f.g., fair - good od, no fluor

$\phi$  8768-8818 1' sandstone<sup>us</sup> 50' shale w/ thin sd & sh

$\phi$  8818-8836 44' sd & sh w/ pp fluor; 6' f.g. hd sd w/ pp fluor, sh & st

$\phi$  8836-8886 50' hd, lit, sd, sh fluor, fair od & st

DST w/ ph @ 8874 testing to 8936 1/4T-3/8B open 1 hr. thin cut test TPO#

BHFP 450# SYBHP 2750# in 15 min Hydro 7500#

ELEC. LOG IN FILE ORLR'S TD

CASING RECORD

APR

8 1953

T. Sanders by  $\phi$  8880  
 $\phi$  9176







2302500030000

DATE

DATA

DST w/ pks @ 3877 testing to 3955 1/4" 3/8" B  
 open 2 hr. Gas to surface in 40 min TP 3 1/2 #  
 Rec 420' fresh water BHP 75# 51 BHP 1250 #  
 in 30 min. 4 yds 2075 #  
 Treated perf w/ 500 gal mucal #2  
 BDP 1205 # PIP 0 to 500 #  
 Swbd & rec gas gas, no show  
 Sol-oil treated perf w/ 97 lb/lb oil @ 1.75 #  
 sd per gal, 50 lb/lb diesel oil PIP 2200 #  
 Final PIP 1500 #  
 Set stand for 24 hr. Prep to sub

JUN 17 1953

TD 9580 @ 9578 @ P 8640  
 51 well 51 TP 925 # 51 total of 10 hr.  
 pressure held @ 925 #  
 Swbd off bottom @ 3955 fluid to pits on 3/8" ck  
 TP 300 # for 1 hr. fluid uncut unit gas  
 Turned to sep on 1/4" ck TP 500 #  
 no fluid fluid uncut unit gas -  
 pumped in 200 gal gel into perfs  
 3899-3906 & 3914-3928  
 pulled out plug @ 3955 cleaned out to 8640  
 displaced mud w/ 214 lb/lb diesel fuel  
 Ran 2 1/2" on pks @ 8585 w/ this subdown  
 choke assembly @ 3900  
 Prep to sub & will attempt to dual complete  
 from perfs 3899-3906 & 3914-3928  
 and perfs 8614-8633

JUN 24 1953

TD 9580 @ 9578 @ P 8640  
 sub bottom zone in & cleaned to pits  
 Comm. P1 frac mat press to 5800 #  
 Split thq. @ 700'

GDE

Geology DEQ State MS US  
 Mississippi DEQ  
 Office of Geology

led & reran test PIP 5200-7200 #  
 51 & pulled test cond hole  
 Reperf 8610-8629 w/ 114  
 set pks @ 8584  
 Pumped in 500 gal MA Swbd &  
 fluid to pits 10 hrs on 3/8" ck  
 TP 100 # 51 1 hr TP 500 #





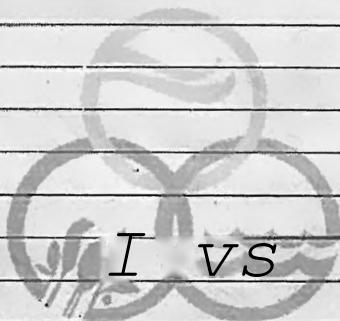


23025000030000

DATE

DATA

19 Perfs 8614-8633 (Carter Sal)



© geology.DEQ.State.MS.US  
Mississippi bty  
Γεωλογία



Geology,DEQ.State.MS .US  
Mississippi utu  
\* > í t >> e <> I toutlopy

L7







Geol. 61W Rev. 10-63-E

WELL RECORD 23025000150000

**DUAL COMPLETION**

Quad No. 3387

Wildcat..... Area.....

Discovery..... Pool..... SOPISI.....

Corrected from Canary Oil Company

Company <^>Well # D..... Farm..... Mt.....

Location 9.9p^ ^L& 203p^ FFL of Section (This is the last 610 series of Section #(2))

Sec... M..... T. 16S..... R..... J®..... Co. Clay..... State..... WL&sisrdppl.....

Elev. Ser..... D, E. 250..... Gr..... K. B.....

F ^O MEGPD 3D6 ch Sin TP 1570

1 P..... F. 150 MEGPD 5/16 ok..... t. p., e., S8.....

Pay Zones..... W6-79 & 8001-07..... FCP 1013.....

Perfa..... 85^O-8C16..... Of fl: e of Geology.....

Top Pay..... Gravity..... G. O. R.....

8821 Dr

Frac..... Acid..... T. 18288.1..... K B. T. D.....

\$<^mt..... 11-21-63..... Comp. 2-22-64..... Contra tor.....

CASING RECORD:

SURVEYS

SCOUT TOPS

13-3/8 6h w/60

5i @ 8750

EL .....  
Porosity.....  
Radio Activity.....  
Core Anal.....  
Mud Log.....  
Others.....  
Log Analysis By.....

Sehlu»Largor Topa

Penn J» Zone 8 net penn 1140

JJ Penn J Sd 46?6

7' nit

L Penn J Sd 1168

Penn Stray Sd 598?

Penn P Zone 799h H net

MILerella 8116M511

Carter Sd Zone 0588 50 set

C. S. OIL TOPS

10-30-63DX-^3 Location

11-13-63 Bldg Rd  
11-20-63 Prep Spud  
11-27-63 y 1530  
12-й-63 ø 2150  
12-11-63 i 3^6  
U-18-63 i ЦОЮ  
12-211-63 0 465h  
12-Я-63 i 5081  
1-8-64 0 6030  
1-15-φ g 7200  
1-22-64 g 8110  
1-29-64 TD 8821 WOC Schl 8788  
officeordSHCortest C or  
2-5-6U TD 8821 prep prf  
2-12-64 W 8821 F frac fl Seni BW  
prf 8732-w/B eq 100 sx  
prf Ü676-79 w/i4  
prf 8001-07 vΛδ  
prf 8590-8616 u/206  
Sd frac all prf 46?6 to 8616

23025000150000

2-19-64/4-1-64

TO 8821 Test  
2-7/8 on pkr 8508

4676-79 & 8001-O?

IPi F 750 IOOPD 3D6 Oh  
FCP 1013 Sin TP 1570

8590-8616

тpи F 150 WQPÛ 5D5 ch  
FTP Sin CP III6

Wf

zirr

БвфЪЪЪЖ 2-22-6U

Geol оду. DEQ. State. 1л\$. US

Mississippi DEQ

Office of Geology



23025000080000 SILOAM FIELD EXT.

GEOLOGICAL FIELD SHEET

SECTION 2L<sub>6</sub> TwpD5 5 RG 5.uJL ELEV. 213 OF \_\_\_\_\_

OPERATOR Shell Oil Coni рй ПУ

ERB OW N EH дәрәттәт UA

LOCATION. 1781 \* fr E li нс & 660' fx L ling? of SE/4 of  
Sec.

PARISH СДУ STATE MI fifi ISSX, zHX

CGLN DATE Я/29.45-7 DATE 8/1/58

CASING RECORD		COMPLETION RECORD	
ЯДС	Б ЖУТИ	TD	9715 Drlr and Schl
10-324'	« 1539'w	PKAY	WTIO, 8603^2u wZ45
5 DU sy	51" a	XL: E1ж1 2^20 ЖГ	gas, 16. hbls cond.
8769' wZ50URx	A	per day. 1" chk, TP 2000#	
		JxVty jlaL	
		TOPS	

FORMKTON	DCPTM	SUB-SEA	FORMATION	DEPTH	stzn.E*
Eut	267	54			
JellnC	174				
PaLeoz.	L-142 α AE*ZIL		(Left off final report)		
Лели -	1420	1207			
ChBüiBr	SDID	7777	MS.US		
Carter Sd	Miss28	1132/1570			
TD	019715	8603			

MISCELLANEOUS ЗНГОНМАТЮК

**M**

B/ 1/57 БйЩДПП - liCW' Pennit

10/3/57 DST.; 4402-45Ü.4, iT=3ZB'В ; op 1 hr 25 min  
si blow 40 min I then died; Roc 10' mucu,  
NS.; Si 4Ü#/15 min, Hydro 230δ^.

10/24/57 DST: 5135-80. I:T-3 /fi "B ; open 2fi min;  
weak blow, died 5 min; Rec 10 SGCM, BKFP  
0\*/ SIBHP ibj, Hydro 25Ö5#,

11/7/57 TD 6758. DrillDipe Stack.

11/21/57 TD\_ZH6Q, Shut\_down -, high water.

12/ 5/57 Cored 8518-48' Rec 4' sh. liiZZSgx δΙΣ  
si рлг л./&1—cidL, & fluorDrld to—TD—

8568. DST: fisas^x^yara^izicr, op 2 hrs  
gait Ж<sup>50</sup> ttin, TP 24^-65#, rec üOO ' GQi,

PO S^ BGFO fij^Lö.

4425#, Prep to core ahead.

23025000080000 : Dan Morgan Scout Repolis

Mississippi DEQ - Office of Geology

DATE	DESCRIPTION
12/12/57	Cored 8568-8605' Rec F sd, F grnd hd iltę .£1^111x^7^ si cut & scat f IRpr, 4' 5d, hd tite, NS, 9jp 12' sh, sd, vjhd shly, faintodor & CUtLJ2Zs.Cê.t fluor, 1 sh 4d, 14*/ sd, V 1 hd si por, faint odor&cut w/scat íLuoí^ rld to TD 8698; ----- Att DST/8595-8698 Pkr failed л я
12/19/57	DBTi ^8597^86981: TD 3/8" B op 2 hrs. gas/ -ЮМд Лис 1105BCMw/tpOIt Bll cond, BiiFP 32^, 3710#/4£ Jvdr. min, 457 5#, Drlg 8877.
12/27/57	Geology»DEQ.Strite. MS. U j SMPL TOPS: MillereMa 8400piCaEter Sd 8v12, DST: 8695-8^^-2^, 1"TV3/8"Bgyp hrs gas.in 1 hr 16 min, TP 2-3/4#^ drop -tn U#> rec 90' GCM, № 2.75-335#, SI I 550#/<15 min. Ran Schl tn 8921. DST: 8936^019: opihkrž'lwÉ blow. TP ø#, Kec 20' GCM, BKFP 95# T SI 1395^45 min, Hydro 4700#
LZI^Zaa	TD 9LZf5. Schl. Att 7Q. ^ldewaji cores, 1891-83 2;Q Sei 5; . Dr.1 d out tn 8680 ШОАШ 8648-50. Preu tú SQZ.
1/23/58	TD—Й и-иu D i Lr à nd Sehl. *iKFO^ATDD 8H48—5-0 w/16 & SQZ AZ15Ü.J5X. PERFORATED 85:16-67 J-----üf/UO-i 86.Q3 ^2Ü ñ/45. Kimning casing scraper Prop to sand-irac.....
1/30/58	Frac w/30,000 gal, 3Û, CHW.Sd. Shut-Jjr^ J -Pr.ep to test.
3/6/58	Waiting on Potential.
3/27/58	Содал 3/21Z58^ . IP: Flwd 29.70 MCE. ^as.. -----16 bbls cond .ohk, TP 2000#^ w Gvty_51°, -KOTE: Extnds Siloam Field

MDEQ MDECD PTTC MDEQ MDECD PTTC MDEQ MDECD PTTC

Gaol. 6140M 8-57-E

PAGE ->

WELL RECORD 23025000080000

AFO 3387  
WILDCAT

>>\*. \*.<< ..w0..

DISCOVERY.....

POOL Extension

COMPANY Shell Oil Company. .... WELL #.,,.,. 1 ..... FARM St al

LOCATION .....

ELEV. .... CO Clay 2Д TE Mis ai v si ppi

IP .....

< Эе о l од y. DE Q. Sto t e f .IS .US

PERES. Mississippi DEQ  
Oтик \*H 6eoL«ov

FRAC. .... A ..... U.i ..... ^CID ..... « ..... t ..... ПГ

T.D. .... ,PBTCL ..... GRAV/GOR.....

DRLG. COMM. .... COMP ..... CONTRACTOR.....

CASING RECORD:

S arani o Topat

Millerella 8390  
Carter 8515

Schlumberger Log Topss

Eutaw 267  
Tuscaloosa 387 ?  
Pennsylvanian 1420  
Chester 8Q10 Δ?/1  
Base Hillerilla 8447 rV  
Carter 8512 %  
Abernathy 8950  
Lewis 9260  
Iowa 9387  
Chattanooga 9430  
Devonion 9466

Geology.DEQ.State.MS.US  
Mis M: ·Пψ» DtQ  
of IR P ·Iō< nl-Hjy

COMPLETION:

DATE DA · ;H R U 2.U 13'^^

Geol. 6140M 8-57-E

WELL RECORD 23025000080000

AFO 338?

WILDCAT.....

DISCO WRY.....

POOL Sü<sup>oam</sup> Extension

COMPANY. Shell Oil Company WELL #..... Jarratt öt al

LOCATION Sec 25-163-5, 1781, froza E line 660' fron NL of SE/4 FARM.....

ELEV. 213' CO. Clay STATE Mississippi

IP»..... F 2970 MCFGPD+ 16 B cond PD, 16/64" ck, TP 2000

PERFS..... 8536-65 à 8603-20 Geol. oay. DEQ. State MS. US

Sd FRAC. all perfs w/3000QE sd + 30000 gal acid, MP OSWWH office of Geology деп

T.D\* 9715\* / & Schl• 8632 GRAV/GOR.....

DRLG. COMM..... 8-29-57 PBDT..... 3-21-58 COMP..... CONTRACTOR.....

CASING RECORD:

10-3/4" « 1539' w/600 Bx  
5-1/2« a 8769' w/500 sx

7-31-57 Location, 10000' test  
8-7-57 Location  
8-14-57 Location  
8-21-57 Location  
8-28-57 RUR  
9-4-57 TD 1555, WCC  
9-11-57 / 2520  
9-18-57 ¿ 3126, Schl to 1556  
9-25-57 / 3965 in sh  
10-2-57 t 4505  
DST (4402-4504) 1/4 T x 3/8 B ck,  
open 1 hr 25 min, SI 15 min, faint  
blow for 40 tain & died, rec 10' rat  
hole mud NS, BHFP 0#, SI 40#, Hydro  
2305#.  
DST 5135-80, 1/4" T x 3/8" B ck  
no WC, v/wesk blow 5 min, pulled ant.  
reset tool, weak blow & died in  
5 min, open 28 min, SI 16 min,  
rec 10' sii gas cut mud, BHFP C^5  
SI 104, Hydro 2595#.  
10-9-57 / 5043  
10-16-57 / 5427

10-23-57 ¿ 6065, DST 5135-80, 1/4 T x 3/8" B ck  
no WC, very weak blow for 3 min,  
pulled tool loose & reset, weak blow  
& died in 5 min, open 28 min, SI  
16 min, rec 10\* ali gas cut mud,  
BHFP of, S, 104, Hydro 2595?/»  
10-30-57 / 6424, sdstn.  
11-6-57 TD 6758, stuck / pipe, att free.  
11-13-57 / 7223  
11-20-57 TD 7660, SD, high weter  
11-26-57 i VV  
12-4-57 TD 8563, prep core.  
Cored 8518-48, rec 4' sh, 23\* sd  
f gm, g ry, sli cut & flor.  
12-11-57 TD 8698, prep test  
DST 8595-8698, pek failed.  
DST (8525-68, 3/8 B x 1/4 T ck, open  
2 hrs, gao to surf in 50 min, TP  
24# - 65# after 2 hre, SI 45 min,  
ree 500' gas cut sud, no SW, SHFP  
385# SI 355# Hydro 4425#.  
Corei ^5Wt^w5l, rec 4' sdstn, v/i  
faint od à cut seat

COMPLETION;

DATE MAR 2 b rø

Geol. 61 40M 8-57-E

PAGE -2-

WELL RECORD

23025000080000

AFO 3387  
WILDCAT

DISCOVERY.....

POOL..... Siloam Extension

COMPANY..... Shall Oil Company .WELL #..... 1 FARM..... Jarrett ot al

LOCATION .....

ELEV..... CO..... Clay STATE..... Mississippi IfZ

IP.....

PERFS..... Geology.DEQ.State.MS.US  
Mississippi DEQ

FRAC..... Off k e of G e l o g y ACID .....

T.D..... IPBTD .....GRAV/GOR .....

DRLG. COMM..... COMP..... CONTRACTOR .....

CASING RECORD:

<p>12-18-57 / 8877. DST (8597-8698) 3/8 B x 1/4 T ck, open 2 hrs, no WC, gas to surf 35 min, ITP 9C#, rec HO' gas cut mud w/tr lite bra dist + HO' mud, BHFP 325#» SI 3710#, Hydro 4575#.</p> <p>12-23-57 é 9039. DST (8695-8921) 1/4 T x 3/8 B ck, no WC, open 2k hrs, SI 45 tain, weak blow, TP 2-3/4#, gas to surf 1 hr 15 min, rec 90' gas cut nud, no SW, BHFP 335#, SI 1550#, Hydro 4545#. DST (8966-9019) 1/4 T x 3/8 B ck, no WC, open 2 hrs. \$I 45 min, wak blow, irimed, to fair after 5 min, TP C#, rec 20» gas cut mud, BHFP 95#, SI 1395#, Hydro 4700#.</p> <p>12-31-57 TD 9350', prep p ahead. DST (8695-8921), 1D T x 3/8B ck, no WC open 2j hrs, SI 45 min, weak blow, TP 3-3/4#, gas to surf 1 h4 16 min, rec 90» gaa cut mud, BHFP 335#, SI 1550#, Hydro 4545#.</p>	<p>1-8-58 / 9636 TD 9715* i &amp; Schl, PBTD 8680, WOC. Took TO SWC 1891-8370, all eh MS.</p> <p>1-22-58 TD 9715» running scraper. Perf 8648-50 w/16' &amp; so w/150 ex. Feri 8603-20 w/45, 8536-67 w/210.</p> <p>1-29-58 TD 9715, PBTD 8632, SI after frac. Sd frac (8603-20, 8536-67) w/ 3000G/ sd + 30000 gal acid, KP 8500#.</p> <p>2-5-58 TD 9715' / &amp; Schl, PBTD 8632, SI.</p> <p>2-12-58 Sane</p> <p>2-19-58 TD 9715' / &amp; Schl, PBTD 8632, Testing</p> <p>2-26-58 TD 9715' / &amp; Sohi, PBTD 8632, W0 Pot</p> <p>3-5-58 Same ø / ■ 'Ej</p> <p>3-12-58 TD 9715» / &amp; SOH» ЖО 8632, Fot 24/64" ck, F 3000 KCFGPD, TP HOC#.</p> <p>3-19-58 TD 9715* p &amp; Schl, running 3Я pre seure survey.</p> <p>3-26-58 TD 9715' / &amp; Schl, ПИМД2 pond, IFF 2970 KCFGPD + IáA pond, 16/64" ck, TP 2000#, grav 54°, 8536-65 à 8603-20, 3-21-58</p>
--	--

COMPLETION?

DATE ||И? 2ь 1358

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Mississippi DEQ - Office of Geology

SIL0AJ4 FIELD

2302500050000

GEOLOGICAL FIELD SHEET

SECTION 5. - Twp. 16 S R0 5 E ELEV

214

OPERATOR - Sh\*311 Oil Colli

FEE IS WHERE #1 Cottrell fl. y l giri

LOCATION: 1300.' S & 1000.' E of o h eor Sec

PARTIAL AH Clay VtAt? MissisSsijUEL

BEGIN DATE 10/29/59 COMPLETION DATE 2717/60

CASI TG Recano		COMPLETION RECORD	
MZE	OPTH	TD	8893 Dr Ir; 8874 Schl
16" @ 6 ft W/75EX		PRBF 1750-63 w/52; 8673-93, 8748-768	
IU-3/4T @ 1607'		wZtotgU 320.	
W/450 SI < 51 UI @		.. IP.; Dna J colpir? tien - Shut in etu	
8892 w/ 1400 SX.		t W-U - re6 úver.	

FORMATION	DEPFH	aus.ytA
Millerella	8578	
Gari	8654	
(Py 1 r'	8843	
(Sohi	8874	

Miscellaneous INFORMATION

Location - 8800' Permit

11/5/59 DRLR T Penn 1500. TD 1607. Prep to drill w/gas.

12 / 3/59 TD 8792..

12/10/59 TD 8893 Dr Jrt 8874 Sohl -ARFOFATEDL- 8673-93, 8748-68 w/total 320k

12/17/59 Frac w/20,000 gals Acid Gel w/20,000# DST w/pkr @ 8593; op 8 hrs i žnne d b L ow, TP 22# » PJa's Tn 1 hr 20 min. Rev out 8 hh ja fra irJLliuLkt^tJj;4^ 4ft fl"C e of Geology

12/23/59 Heft ac w/20,000 gal acid gel, 20,000# Sd Flwd unest amt load oil. S^bd Ipád pil & acid wtr. Flwd est 100 MCF GPD. Shirt ip waiting orders.

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Mississippi DEQ - Office of Geology

23025000050000

CORE DESCRIPTION

3AG<

1 / 7 / 6 0 Acid zed ЛХЗДО -gal muri nr i d Re frac ... ^ . L -  
40,000 gal gel. aOÚOÚ# Sa ad ♦ . Loaded UH

^ / fluid ^ - dled. Unloading w / eas lift

1Z21J11 JWWTED. O50-6X ^ / 52 - ..... 2 ^ ..... Tbg - ^ Pkr..  
@ 8529 w / Otis side - door sleeve # 7006.

ДНОР?Р1»£ : Й ^ ..... t. Íáfo-MCE..... GPP thru. car.

1. 11CÜIL JL111EX1L.ELL ^ ..... bç-

-L / 2S. 60 L. ZONE : ..... F I.Wi HOQ.ECF... gas., 40 hh1\* irto,  
3 / 4 " Chk, 475 ^ ^ da láno# ri. ZONE :

Flwd 400 MCF gas, 1" chk, CP 25#, SICP

675# / Shut in - .Maxipg out riu

V Ji

3 / 3 / 60 DUAL COME 3 / 17 / 60 L. ZONE r.(H673-03  
8748 = aäi - ± ^ ^ & d ^ äll ± EUG21U. < aZfiA " chk

TP 125 ^ : WP j W. -LL ZONE (4750-63 : IP:

I « ± ^ & 2MM. EШ£ / 48 / 61 " chk, CP 40#, SXCP \* 8 » ^

-250 át- S b ut - ia - gas. ^ ell.

MDEQ MDECD PTTC MDEQ MDECD PTTC MDEQ MDECD PTTC MDI

Geol. 6140M Rev. 9-S9-E

WELL RECORD

23025000050000

Quad No. 3387

Wildcat, Area

Discovery Pool, BÄ

Company Shell Oil Co. Well# 1 Farm strel et al Unit

Location 1300\* ГЛЖ А1, 1000\* фOE W/L

Sec. 25 T. 163 R. 5E Co. Clay State JS?\*

Elev. S^ 214 f. Gr. K\*B 125'

1. P 406 MCFGPD T.P

Pay Zones Geol оду.£»EQ,Statykis.US XE.

Peris 8748-60 and 8673 -93; 475<M3 (Pannya Prad.)

Top Pay Gravity 6893" Dr. G. O. R.

Frac. Acid. T. D., 8874' -Chi P. B, T. D. 8838

Comm. 10-29-59 Comp. 2-18-60 Contractor, ^E^ 8800»

CASING RECORD:

SURVEYS

SCOUT TOPS

16" £ 60 w/75 EL
10-3/4" 1607 W/45&IL
Й" ) 8892 w/1400 GN-N
Core Anal
Kind Log
Others
Log Analysis By

Schlumberger fops
F 4000 (+\_io)
J-sd 4690
Caz sd 4748
Stray sd 62J 4
Miss» 8132
B. Miler 8578
Carter Sanders 8654

C. S. O. TOPS

10-28-59 loe.
11-4-59 TD 1609 KOC
11-11-59 0 3852
11-18-59 0 6009
11-25-59 0 7818
12-2-59 Tu 8792 prep 0 ahead
12-9-59 TD 8893\* Dr, 8874' Ochi prep frac
parf 8673-93 w/léO; 8748-68 w/160
12-16-59 TD ^93' Dr, 8874' J chi FOTL 8838
pulling test tool - sd frac «/20,000
gal acid \* 20,000i? sd - OST rkr
8593 1/4 x 1/4 - open 8 hrs TP 3-40#
8593 1/2 hr 12 rain, rec 8 bbl
fmc muld cit M' gas> 1111PP H0
1700\* SIBHp ^ 10
12-23-59 FO 893' Or, 8874« Schl, SD -
set pkr 8689 ad frac all pei f w/20,000
gal acid + 25,000# sd - swat bed 43 bbl
frac fluid + est 100 MCFGFD
12-29-59 TD 8893' Dr, 8874' .Schl - testing
F est 800 MCFGFD 3/ck, TF 70#-CH4OCW

COMPLETION:

DATE MAR 3 1960



23025000050000

- 1-6-60 TD 0893' Dr, 8874» 8chl, P№ 8838, gas lift gas - F 800 MCFOP 3/4« ck, TP W, CP  
IM, F 960 MOFGPD \* 30 bbl acid wil, TF 2^, 48/66« ck, TP 25# -re-acid 8748-68,  
8673\*93 w/500 gal MCA, re-frac w/40,000 gal + 40,000# ad
- 1-13-60 TO 8893» Dr, 874» Schl - gas lifting (non-commercial) †
- 1-20-60 TD S893» Dr, 874» Ochl - testing - perf 4750-63 w/52 - 2-3/8« tbg on ykr 8529 - F ©i  
est 150 NCFGPD thru csg - Flow fræt perf 8673-93 -8748-68 500 MCFGPD est (thru tbg)  
~~500 MCFGPD~~ + ©st 42 oBl acid wtr.
- 1-27-60 TO 8893» Dr, 874' 5^1 - SI - f r perf (8748-68 & 8673-93) F 6III MCFGPD + 40 bbl wtr  
48/64" ck, TP 25#, SITP 18.0# from perf (4750-63) F 400 MCFGPD 32/64« ck, Ci 2^,  
SICP 675#
- 2-3-60 ID 8893» Dr, 8874' &chl; PS 8830, Si
- 2-10-60 TD 8893\* Dr, 8874\* Suhl, testing
- 2-17-60 »
- 2-24-60 «
- 3-2-60 " Geology. DEQ. State. AS .US

Mississippi DEQ  
Office of Geology



Geology. DEQ. State. MS. US  
Mississippi DEQ  
Office of Geology

COMPLETION:  
DATE MAR 3 1960

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SILOAM FIELD

2302500070000

GEOLOGICAL FIELD SHEET

Well No. 24 WF 16 S ELEV. ? J

OPERATOR Shell

OWNER A First National Bank of Birmingham Unit

LOCATION 1000' X & 3 000' W o J SE/cor Set.

PARISH Clit.V STATE MISSISSIPPI

WELL TYPE a/az/ы (Small rig)

DATE 9/71/hj COMPLETION DATE J U/ B/O J

SIZE	DEPTH	TD 8813 Drlr and EL	COMPLETION RECORD
16" 8 1/2	xv/50 s x		Dry 3LE abandoned
9" -5/8"	2036 w/		
2 1/2" 3/4"			MÄ

EL TOP-S	DEPTH	SU&DEA	ТОЯМЛЮМ	ПГРТИ	Рун пел
MI3S	840D				
Mill irzlia	8560				
C'a eter-Sandci	?S				
TM	8612? (8813)	8726			
jeoiuqy.	ta 5r	it".MS.	110		
MI / КъЦф		MtQ			
affi le e ot Gè		ol OÚ y			

WELL INFORMATION

7/27/61 completion - 8800. Pridli

9/1V61 Dg 1] .ling w/gas d' 3140."

10/12/6.1 PST; ^Strini, pkr. @ & 610-871Z 3/8" T-op B. по  
 WC<sub>5</sub> op 5 I? ps, max TP 2#, SITE 9f. Pkr. Stuck.  
 Backed olt J? saleLy JL. me 20001 wtr eut  
 mud wZ^Qng £Qnd-£lc^ SIBtIP 3217π- Comp :  
 I 0/8/01. Dry and abandon nd.

Geol- 612ÖM Rev. 4-8i-E

23025000070000

WELL RECORD

Quad No. 338 F.....

Wildcat..... Area U. f.....

Discovery..... Tool..«?..... iloam

Company Shell Oil Co. Well # 1 arm r i'st Kati« Dank of

Location 1000' from SL & 3000\* from EL of Sec. (dr un. fr. SW/c Sec. 24 go E 5287, go N 2640'

go W 5280, go S to point of beg. (320 ac.)

Sec 24 T 163 K SE Co..... Clay tt.Miss.

Elev. 3000.00 B. F. 210 LS Gr..... K.....

T p. DEQ T. p. Éfl. i.....

Pay Zones..... C. P. " Geoloa; DEO.State.las US

Top Pay MW^ Gravity 8813' Dr. G. O. R.

Hac-----«-----,,--- Acid..... T..... 8813' Schl. ....=P. B. T. D.....

Comm. 8-23\*61 8300! Comp. 10-8-61 Contractor..

CASING RECORD:

SURVEYS

SCOUT TOPS

16' at 60 w/s0'EL.....  
9-5/8« at 2036 w/2^ro5ity.....

Radio Activity.....  
Core Anal.....  
Klud Log.....  
Others.....

Log Analysis By.....

Schlunberger Tops

Miss 8400  
B Misscellela 8560  
Carter-Sanders Sd 8612-8726

C. S. PET. TOPS

7-26-61 Loc.  
8-2-61 «  
8-9-61 «  
8-16-61 Hoads  
8-23-61 Clearing loc.  
8-23-61 TD 60' K/Y rig  
9-6-61 \$ 2110  
8-13-61 0 2846  
9-20-61 0 5141  
9\*27-61 0 7011  
10.4^61 TD 8687 Coming out  
10-11-61 TD 8313' Dr, 8813' Schl - no cores  
or SUC - DST pkr 8619 & 8715 open I  
no WC, sii blow in 4 min, good bien  
to 5 H, M»P 2#, SIT F 9#, att pull j  
backed off, left 4 drill collars & test 1  
pull rec 2000 gas cut mud w/odor cond; r<  
SIBHP 3217

& 3/8r  
in 7 min.  
kr 8tuckj  
col in hole.  
c. top bomb.



Geology.DEQ.Stte./S.U5  
MH4»SIvri DEQ  
Office of Geology



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23025000060000

CORE DESCRIPTION

ATK

S/26/60 TD 1L 365 Drlr: 1L057 Schl. PB to 3614.  
 PHRFOIUTBD a 572 -84 w /B2 - Fr? w/Lñ . OOO -  
 tak 20,000# 3d. Jettinã outira^ fř u i di

6 / 2 / fio fluid. F Iwd est 90 MCP  
 ca&, 7/64" Chiç; TP 310\*, CP 370#. IJST: j"/  
 TIII, & P 4 hrs, recXJ .bh > JM#. a -r. : ~  
 SIÛHP IE8Û#^Utiyd -BP @ 8485-  
 PERFORATED-8440 72 wZ24S^ DST: tII TfcB.  
 ,,gas iü.JLSL mlUu^JnLj^^ 2 hrs.  
 reç 3 bbls cond, 2 bbls wtr^ BBFP 380#-7IQ#  
 J.IBHP 3545# (2 hrs) Hydro 8607#  
 w/32,000 gal, 20,000# Sand totóst.

Office of Geology

6 / 9 / 60 DST per f s 8440-72 non productive. ИйИМНТ -  
 ED 7870-84 w/112 DST w/ukr İ 7834 : 4" T&B .  
 gas in 10 min, on 1" chk flwd unest ças &  
 SW w/tr cond : r^c i . bhX-^^ & j bbl SW  
 BUPP 1455#, si 2930#. PERFORATED 7975-90  
 w/120. PST w/pkr C 7928: 1" T-3/B" B. ps in  
 L BÛJtu flwdΛ xaXb eat 4 MCFGPD: J.ec. j bbl  
 coud, BUEE 2085#, ST 2770#. Prep to culmi.

SZ3S/60 Ou 24hrtes±(1)Perf8440-72 Elwdl,G  
 ПІСГ GPD. plus 16 bbleconerplus.53 bbls  
 ac i d w t r . " 2 5/64 " c hk, TE. ЛІЙ 5#, 57,8° APT?  
 STEEL. 2.S.W; (2) Peris. 7 8.BbM, ilsd 4.3  
 .MMCF GPD plus 35,2 bbls cond and 8.8 bbls  
 acid wtr, 30/64" chk, CP 1050#. 55,9° API  
 EM. w» J SJC ed.. in pre μ to comp.

JZ30/60 Ran 2-7/8' thg ou pkr @ 835E. Comp.  
 6Z25/00. İ P f LZ ( 8440 -72 ) : Dıı 4 j hr test  
 f . J Wd ^L- ra te. ,oi 1650 MCF.. pıua. 16 bh I-S -cnud  
 ,, plus 5,3 bbls wtr/day. 25/64^ chk. T? S25^>  
 57.8° API GOHJ103. ^12511 i  
 UZ (7870-84 & 7975-90): On 3 hr test thru  
 30/6Ci Qhk MCF, 35 JL.  
 bhIı 55 -9° UQiıd . plus. 8 »8. bbls wtr. CP  
 1050#, GOEL-122 .OOO-1.

23025000060000

CHICKASAW COUNTY, MISSISSIPPI - SILOAM FIELD

Page 1

Shell Oil Company  
Federal Land Bank et al Unit #1  
SEC 31- 16S- 6E (W/2 Section)  
LOCATED: 1800' FNL and 900' FWL of Section

Began! 2-18-60  
κ3-3/8" csg @ 76' w/100 sx  
9-5/8" csg @ 1593 w/ 250 sx

(Rowan Drlg Co.)

Changed over © 1593 ' started drilling with gas, Well began flowing gas at 7862-74 at EST Daily Rate 10 MM CF/D (killed well) changed from, gas drilling to mud at 7880'. Ran IES #1 1593 to 8728/ Ran Sonic log TD 8732' (SLM) - 8721' TUD.

Unable to get 7" csg below 7580' & pulled. At TD 8732' bottom hole location is 318.19' N 18° 20' Hf W of bottom of surface casing (set at 1593'). Set 5 1/2" csg @ 650.62. Changed from mud drilling to gas drilling. Tested on 1 1/2" ck TP 9833.

On 1/8" ck TP 425#. Est flow 156 MCFGPD

On 1/2" ck TP 704 . Est flow 525 MCFGPD

While drilling © 10775' had increase in gas to flow line. Ran Gamma Ray - neutron 7800-11052.

Ran IES log 8712-11052.

Tested open hole 8712-11062 to PIT thru 1/2" ck. FTP38# after 2 hrs.

Changed to 1/4" FTP after 1 hr 140#. Ran drill pipe open ended to

8712'. Tested open hole (8712-11062) on 1/2" ck. FTP 38# @ rate

331 MCFGPD EST on 14/64" ck FTP 295# (stabilized after 7 hrs) © rate

324 MCFGPD Est Drlg to TD 11265'

Tested open hole 8712-11265 for 7 hrs on 14/64" ck FTP 280# at approx rate 288 MCFGPD. Set Baker "D" pkr © 8666\*. Dumped 2 sx cmt on top of pkr. Filled csg with MD.

Perf csg 8620-24 w/16 jets. Unable to break down with 5000#.

Spotted 5 sx cmt 8600-8640.

PB - TD 8614

Perf csg 8572-84 w/92 jets

DST #1 w/pkr 8536 (perf 8572-84)

Open 4 hrs. Had immed good blow & good blow thru-out. Shut in 2 hrs. Pulled

& Rec 40' rathal wtr IFP Zero. FFP Zero. SIBHP 600# in 2 hrs & still

increasing. Hydro 900# calc.

Vibrofrac (8583—75) #5, Vibrofrac (8577-73) #3

Ran RTTS tool with RV tester w/1" Bot ck Set tool © 8538\*. Open

DST #2 (perf 8572-84) Had immed strong blow decreasing to weak in

5 hrs. Small gas flow to surface after 2 1/2 hrs. Shut in 4 hrs.

Reversed out RV tester. Rec about 3 bbl? gas cut DISTILLATE with

trace of spent vibrofrac charge, mud and sand. (20,000 PPM Cl.)

BHP 3740 IFP 100# FFP 135# ISIP 200#. SIBHP 645# in 4 hrs.

Calc Hydro 3700#. Spotted 500 gal MCA (perf 8572-84) w/MP 6000#.

Fractured w/15,000 gas & 20,000# sand» Max press. 8100# (Shut in 12 hrs).

Lowered pkr to 8540 injected slugs of gas & wtr into well, cleaning

out frac fluids. Checked plug © 8614 and found bottom at 8651'. Set

retainer © 8604 & sqzd 140 ex cmt MP 6000#.

DST#3 (perf 8572-84) w/pkr @ 8533'. Strong immed blow decreasing to

weak blow after 4 hrs. Shut in 4 hrs. Reversed out RV tester.

Rec 1 bbl Distillate IF Zero SIBHP 1280 in 4 hrs. Hydro 3700#.

PB/TD 8604 DEQ State MS US

Sat RTS to DEQ

Spotted 500 gal MCK X'p&f \*8572-84) Frac with 40 bbls diesel oil, 5700 gas gel with 1/2 to 1 lb sd per gal injection press, rose to 8400#

(Tool failed) Casing and drill pipe press, equalized © 4400#. Washed

out to 8600'; Ran RTTS tool with RV tester on 1/4" Bot ck Set pkr 8534

DST #4 (8572-84) Gas to surface in 8 min on 1/4" ck. TP 190# end of 4 hr TP

29#. Reverses out (bbl dishillate & 9 bbls gas cut acid wtr IF 325#

FF 388#. SIBHP 2908 in 3 hrs. Hydro 3680#. Pulled tool in two (left

approx. 6' in hole) Top fish © 8495'.

2302500060000

Page 2 - Shell Fed Land Bank #1- Clay Canty\* Siloam Field

SET BAKER GAST IBON BRIDGE PLUG @ 6485< & PBTD 84B5  
w/248 Jets.

B/P - Perf csg 8440-72

Vibrofrac 8464j-69j III ani (#5) Ran RTTS tool with RV teeter  
and 1/4» ck. Set tool at 8354 OST #5 (perf 8440\*72) Gas to surface in 19  
min. TP 50# FTP increased to 80# during 2 hrs. Shut in 2j hrs. Reversed out  
3 bbls distillate & 2 bbls wtr (12,000 PPM c.l.) IF 387# FF 710# SIBHP 3545#  
in 2j hrs Hydro 3655#.

Spotted 500 gal MCA (perf 8440-72 MP 8500# Frac w/32,000 gal and 22000# ad  
Init press 7300# Well flowed 12 hrs thru 2 1" chokes; Calc rate 1.45 MMCFGPB  
FTP 35# Pulled tool.  
**Perfasgesg** jets.

Set retrievable plug @ 8148' DST #6 (tool FAILED) Reran Johnston DST w/pkr  
7834 (perf 7870--84) Gas to surface in /0 Min TP 77# on 1/4\* ck. Fluid to  
surface after 27 min. on 1" ck FTP 14C# flowing salt wtr and spray Distillate  
(30,000 ppm cl) Est rate 2 MMCFGPD Shut in 2 hrs. Pulled & Rec 2/10 bbls of  
59°@S5° F distillate & 7/10 bbl salt wtr (35>OOO PPM cl) IF 1190# FF 1455#  
SIBHP 29304 in 2 hrs. Hydro 3600#.

Perf csg 7975—90 w/120 Jets.

DST #7 Johnston DST w/pkr 7926 w/5/b« Bot ck (perf 7975-90) Immediate  
strong blow. Gas to surface in 5 min. TP 160# on 1» ck. Roast pkr. After li  
hr pulled tool. Rec 7 bbls salt wtr (40,000 PP) Tool plugged. Re-ran 32T  
w/pkr 7926 (perf 7975-90) immediate strong blew. Gas to surface in 3 min TP 10#  
on 1» ck. Fluid to surface in 5 min. Flw to pit on 1« ck for 3 hrs making  
gas with constant spray and slugs of Distillate and load salt wtr (18 to 25000  
PPM cl) Add trace mud MTP 400 Average 24C# to 2704. Flew 3/4 hr thru 3/3» ck  
TP 1170# changed to 1« ck TP 250#. Calc rate 4 MM CFGPd. Shut in at end 13 min  
TP 200C#. Re-opened after 2j hrs on 1« ck TP 230#. On 3/8» ck TP 118C# Est  
calc 4 MMCFGPD. Shut in end IO min TP 2000#. Pulled & Rec 2/10 bbls distillate.  
IF 2050 # FF 215c# SIBHP 2940# for 2j hrs. Hydro 357C# »Set Guiberson Model  
»A» d rillable pkr © 8319 and Ran 2-7/8» tbg to 8325\* with Garret sliffire-  
sleeve».

Flow (perf 7975-90) SI CP after 24 hrs 23904 on 28/64» ck at rate 4 MMGFGPD  
TP 1" W SITP 2425 Gravity Dist 55.9°.

Flw (perf 3440-72) SIIP after 36 hrs 2910# on 5/S« ck at rate 1.25 MMCFGPD  
TP 250# SITP 2950# Gravity Dist 57»8° w

Open casing on 30/64» ck. Flw at rate of 4\*3 MMGFGPD  
FOP 1050# 35.2 bbls Distillate P/ü Gravity 57.6° @ 78° F  
SICP 2355# 8.8 bbls ACID Wtr P/D (35000 PPMC1)

**Geology.DEQ.State.IAS.US**

Open tbg on 25/64° ekisiliowpi a Ezate of 1.65 MMCFGPD  
FTP 525# 16 bbls Mutilliate P/b Gravity 58.5° © 66° F  
SITP 28907 5.33 bbls ACID Wtr P/D.

FINIS

Geol. 61 40M Rev. 2-60-E

WELL RECORD

23025000060000

Quad No. 3387

Wildcat, Area

Discovery Pool Siloam

Company 3^1 Oil Company WeUy.L. Jarin Federal Land Bk

bofai«!» 8. Ne anU 990' E WL of See

Sec. 31 T 16s p 61 Clay State Miss.

Elev\$3^ B.-2--neP9+omr--3046\*\* K. B.

T p P 1.65 NMCFGPÖ f 16 ECPD on a 25/64° ck, TP 525; T, P

Pay Zoncs. Geobay, DEQ, SUtt, MS, US

Perfs. W-72 tufo e "f0^0!OQ>

Top Pay Gravity, ^J^, ^ G.O. R., 55.9g

Frac. Acid. 11057 Schl. P. B. T. D.

Comm. 2-18-60 11,000» Comp. 6-25-60 Rovman 0 Co. Contractor

CASING RECORD:

SURVEYS

SCOUT TOPS

13-3/6" ■ 58 «Jloo
9-5/16" 1 1593 w/250
5 1/2" « 8710 u/650

EL.,
ML
GN-N
Core Anal.
Mud Log.
Others.
Log Analysis By

Schluriberger Topa

Penn 1450
Chester 8012
Be Mill 8364
Carter 8d 8415
Sander Sd 8563
Lewis Sd 9155
Chattanooga 9346
Dev. 9392
Ord 10450

c. s. o. TOPS

2-3-60 Loc w
2-10-60 »
2-17-60 R/U
2-24-60 TD 1593' WOC
3-2-60 0 3979
3-10-60 0 4916
3-16-60 0 7224»
3-23-60 0 6027 - a 7874 - Well F ga# est
rate 10 HHCFGx0 - stray ad lo base
o t pennsylvanita
3-30-60 0 8473
4-6-60 TU 8584\* fishing
4-13-60 Tö 8732 run Sohi.
#-20-60 TU 8732 Dr, 8728» Schl prep. ^Y
/и-27-60 0 9300
5-4-60 0 10,045^
5-11-60 0 10,854»
5-18-60 TD И 26 5 - PEPD 8600 i rep per f (8 572-74)
5-25-60 TD И265\* Dr, FBTD 8614 - psrf 8572-84 w/92

Geology DEC .SUHeW.US

COMPLETION:

BAT®

JUN 29 1960



2302500060000

ran per 58% - i\* opened w/good blow - on 4 hr test\* SI 2 hrs \* pulled & rec 40' rat holo ex wtr, WP 00, SIBHP UOOy, ap IX bbls diet - wbra frac 8573\*77, 8578-83 ep« 500 gel MCA 8572-84 \* acid fromn 15OCC g< acid gel - \* 20,000# sd IP 8100 - on 12/64° ck F a hoard of gas, diesel oil â acid wtr, IF 1004, 7/64' ck ? oat 90 ЮТЖ TP 31Q?

6-1-60 TO 11265' Dr, 11057' Sch., PB 8485 teet - DST 0 (8572-84) open w/bwd blow no gas to surr after 4 hrs - si 4 hrs & roe 1 bbl diat, ШПП 0/, SIBHP 1080.?, Hydro 3610 - ping 8485 & p&rf 8440-72 w/248 - ШПТ ±r 8359 1/4" x 1/4« iramod blow - gue to surf 19 min on 1/4« ck rec unest fiat gas in 2 hr TP 80#, pulled & rec 3 bbl diat + 2 bbl wtr (12000 ppm) DISK? 3545^, Hydro 3607 \* frac 8440-72 w/32,000 gal acid gol \* 20,000 ed, HP 62501

6-8-60 TD U.265' Dr, 11,057' "chi - plug back 11085 - pf 7870-84 w/112 DST prk v 7834 1/4« X 1Д« 1ç»diat How - gas to surf in 10 toin, »ax TF Шу put on I<sup>th</sup> ck, 3W to surf in 27 min, fio unest gas, Sw, tr. dist, pullod & rec» 1/4 БЫ dist, 3/4 bbl SW, 35,000 ТПИ, lōHFP 1190, FBHFP 1455, SIBHP ОДО, Hydro 3600, Ff 7975-90 «Д20 Geology 067 Str 7925 13 ton x 3/β" bta ek, gas to surf in 5 zin, TB 10# fio «et rato 4 MCP M» and recl/i bbl diet, EFP IW, PBHFP HW, SIBHP 27700, Hydro 35750

6-15-60 TD 21265' r, 11057' Schl - testing - ran 2-7/8« tbg 8340 - P (8440-72) 1.1 UiCrøJ + 48 bbls acid wtr w/tr cond. 5/8« ck, TP 200# - thru perf 7870-90 F 4\*8 MMCFGPD 5/8" ck, TP 850

6-22-60 TD H265\* Dr, 11057' Schl - SI - frau porf 8440-72 F 1.65 MMCFGPD + 16 KPi) \* 5.3 bbls acid wtr 25/64« ck, TP 5250 - SXTTP 2910 - gr 57.8 deg. £^ perf 7870-84 F 4\*3 AQACFGPD\* 35.2 BCPD + 8,8 bbls acid wtr 30/64" ok, CP 10509, SICP 2390, grav 55.4 deg. API

6-29-60 TO 11265' Or, 11057' Schl - SI - XP perfs 7870-84 F 4.3 MNCFGPD \* 35.2 + 8 Bbls acid wtr 30/64" ck, CP 1050, 55\*9 deg - IP perfs 8440-72 F/1.65 MMCFGPD ♦ 16 BCPD + 5 bbls add wtr 25/64« ok, TP 525, 57.8 deg.



Geology .DEQ.iint^iJS .US  
Mississippi UERMPLETION:  
Office of Geology  
DATE

ASS19to



WELL RECORD

2302500090000

Quad No. 3387

P

Wildcat.....Area.,

Discovery.....Siloam

Company **AL 9AA. 9? t** Well # **1** Hogers, et al «R»  
Farm.....\*

Location .. **Ai 0??\* FNL\* . A^L^IL^M^M**

Sec..... A y 173 61 Co Clay Miss State..... 1,

Elev. Ser. **III L B ö** Gn K. B

/p..... **250 MCFGPD + 3 B wtr-1** XP. 50

Pay Zones. Geology. DEG.State.AS. US C.P.

erfs..... 8617-25 Offh e nfGeotogy

Top Pay.....Gravity..... G. O. R.

Frac.....Acid..... T. D. **8800' Dr 8709' Schl.** P. B. X D.

Comm.....β-1-62..... Comp. **9-7-62** Contractor.....  
8800'

CASING RECORD:

SURVEYS

SCOUT TOPS

16" e 48 w/75 EL.....  
9-5/8« © 2149 w/3S&osity.....  
4i" Ö 8727 w/300 Radio Activity.....  
Core Anal.....  
Mud Log.....  
Others.....  
Log Analysis By .....

Schlumberger Tops  
Carter Sd 8607  
Miss 8212  
Carter Sd 8607

C. S. PET. TOPS

3-14-62 to 5-23-62 Loc.  
5—30-62 HIR  
6-6-62 0 2149  
6-6-62 0 4468  
6-13-62 0 5790  
6-20-62 0 7790  
6-27-62 T» 8800' Dr, 8709' Schl WOC  
**Ж, op#n hole, F 320 fCF gas per day**  
**TP 220**  
7-11-62 Ï 8&00' BG, 8709» Schl SI  
pf 8616-26 w/10- acidised - F stall unest  
**unt gas - sq 8616-26 w/180 sx, 50W**  
**pf 8617-25 w/10 - sd frac**  
7-18-62 TD 8S00 swab, S1TP 4000#, swab rec 118 B of 815 b load  
7-25-62 F to pit est Rate of 500 MCTGPD  
+ 15 load, acidia®! 8617-25, 2000 gal  
MCA, + 34 BSW,  
8-1-62 SI - F est rate cf 215 MCFGIO + 5 B lead wtr.

1/4



2302500090000 : Dan Morgan Scout Reports  
Mississippi DEQ - Office of Geology

23025DOO09000D

CORB DESCRIPTION

DATE	
7/14/62	200 MCP UPO.
	Testing. ----- Mrer
8/2/62	Plwü Γ7 vatr- O 2 IS MCF GFlihi (Shut down)
9/13/62	Comp: 9/7/62 TP: Flwd Wc - -or' zso met dry per flay. In übk TE SO#

MIDEQ MDECD PTTC MDEQ MDECD PTTC MDEQ MDECD PT

23025200390000 : Dan Morgan Scout Reports

Mississippi DEQ - Office of Geology

\$ iIoam Field

ÄPI 23-025-20039

**GEOLOGICAL FIELD SHEET**

2MM

SECTiON 3\_0 No. ÄS RG. 6E ELEV. 200' GIL  
 CARATO? S outhfield. Pe t. Co »  
 pec Q'AMEB nF 1 McClenton  
 toCA^N,,JAÜJDI\_ ^ 1300' EEL,

PARISH Clay -VATE Mississippi  
 BEGIN DATE 12/28/81 COAPTICJN LAI I 1/28/82

OSwG RECO»		COMPTON SECORD	
«£	ICEPTI	DA - TD : 2640	C/Balking^ Inc.
16 "	40'		

TOPS

WAPIL

Sch.J.MBESCES

fO^ATtØM	DIPTh	SUK.*? A	fC^WA::jN	>LP7H	SUB-Si A
L					

GeologyDEQ.Stdte.HS-. IS  
 Mississippi DEQ  
 PTIC e of 6 epî og y

TD 2640' (Paleozoic), npcQres.pr tests, had perf  
 pipe problems, well skid rig & drill new hole f  
 2640'

31-147 (1-74)

WELL RECORD

API «23-025-20039

Quad No. ....

Wildcat..... Area.....

Discovery..... Pool..... Silom

Company..... Southfield Petr. Co. Well#..... 1 Farm..... McClen ton

Location..... 1500' FSL & 1275' FEL Moved rig 25' Due East

Sec. ... 30 T. 16S R. 6E Co. Clay State... Mississippi

Elev. Ser..... D. F Gr. K. B.....

L P. J & A T. P.

Pay Zones Geology.DEQ.State J/IS.US Offk cof Geoh.Kjy C. P.

Per fs.....

Top Pay Gravity..... G. O.R..

Frac, Acid, TD. 1465' P. B. T. D.....

Comm., 12/28/81 to Zoo\*..... Comp. 1/28/82 Contractor.....

SING RECORD:

SURVEYS

SCOUT TOPS

16" @40'  
8-5/8" @1465'

CL.....  
Porosity.....  
Radio Activity.....  
Core Anal.....  
Mud Log.....  
Others.....

Log Analysis By .....

C. S. OIL TOPS

1/ 6/82 Location  
1/13/82/ @40' R.U. big rig.  
1/20/82  
1/27/82 TD 1465  
Set pipe & pipe started jacking  
back out & will skid rig &  
re-drill.  
1/28/82 J & A

Geology.DEQ. State. IS.US  
Mississippi DEQ  
Office »Geology





**Meridian Oil Inc., Simmons 36-7 No. 1**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File KT u Number	Type	Top	Bottom Remark
5624.0 - .5 S		1,661	8,600 MS Office of Geology, 601/961-5500

**DISCOVERY WELL Carter Oil Co., No. 1 Mattie B. McFadden, et al**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File XTU Number	Type	Top	Bottom	Remark
1099.0-.21	Ø	110	9,550	MIDLAND CORE RESEARCH CENTER, TX (915)-686-9902 (24 boxes)

**C. A. Hurst (Southfield Pet. Co.), McClinton No. 1-A**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File  
XTU  
Number

~  
Type

Top Bottom Remark

5163.0-.7 S

1,460 10,331 MS Office of Geology, 601/961-5500

**Bruxoil, Inc., Rogers et al Unit No. 1**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File XTU Number	Type	Top Bottom Remark
-----------------------	------	-------------------

MIDLAND CORE RESEARCH CENTER, TX  
(915)-686-9902 (8 boxes)

**Bruxoil, Inc., Federal Land Bank No. 1**

Type:

C=Core

QC=Quarter Core

HC=HalfCore

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File

Number

Type Top Bottom Remark

MIDLAND CORE RESEARCH CENTER, TX  
(915)-686-9902 (14 boxes)

**Bruxoil, Inc., Jarrett et al No.1**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File Number	Type	Top	Bottom	Remark
1970.0-.10	S	60	9,710	
	S	60	9,710	CORES AND CUTTINGS ARE LOCATED AT USM MIDLAND CORE RESEARCH CENTER, TX (915)-686-9902 (26 boxes)

**Bruxoil Oil, Inc., Cottrell Unit No. 1**

Type:

C=Core

QC=Quarter Core

HC=HalfCore

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File  
KTU  
Number

Type

Top Bottom Remark

MIDLAND CORE RESEARCH CENTER, TX  
(915)-686-9902 (12 boxes)

**Browning and Welch, Inc. A. Harmon Robinson No. 2**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File Number	Type	Top Bottom	Remark
4878.0 - .5 S		1,530 4,250	Log Available



**Browning and Welch, Inc., J. R. Hawkins et al, No. 1**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File Number	Type	Top Bottom Remark
6028.0-1	S	3,480 9,410

**Browning and Welch, Inc. (Larco Drlg. Co.), A. Harmon Robinson No. 1**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File Number	Type	Top	Bottom Remark
5278.0 - .2 S		1,550	4,200 Log Available

**Shell Oil Co., First National Bank of Birmingham Unit No. 1**

Type:

C=Core

QC=Quarter Core

HC=Half Core

S=Sample

CC=Core Chips

SCC=Sample and Core Chips

SWC=Side Wall Core

SLC=Slabbed Core

File KTU Number	Type	Top	Bottom Remark
2574.0 - .3 S		1,800	8,780 MS Office of Geology, 601/961-5500

SILOAM FIELD - CUMULATIVE PRODUCTION ALL POOLS TO 09/01/05				
OIL (bbls)	WATER (bbls)	GAS (mcf)	GAS TRANS (mcf)	
59155	67160	20101040	777561	

<b>CUMULATIVE PENN SAND PRODUCTION TO 09/01/05</b>			
<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
<b>15959</b>	<b>25540</b>	<b>4809539</b>	<b>267779</b>

<b>CUMULATIVE 3400' SAND PRODUCTION TO 09/01/05</b>			
<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
<b>10</b>	<b>154</b>	<b>241731</b>	<b>15251</b>

<b>CUMULATIVE CARTER SAND PRODUCTION TO 09/01/05</b>			
<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
41707	41263	14046135	400344

<b>CUMULATIVE REA SAND PRODUCTION TO 09/01/05</b>			
<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
<b>1479</b>	<b>203</b>	<b>1003635</b>	<b>94187</b>



API No. 23025000060000						
Bruxoil, No. 1 FLB						
Penn Sand Gas Pool						
MM/DD/YY	STATUS	DAYS				
		PRODUCED	OIL (bbls)	WATER (bbls)	GAS (mcf)	GAS TRANS (mcf)
12/01/76	P	0	13184	11023	2453489	0
01/01/77	P	30	0	0	4895	0
02/01/77	P	28	0	0	5636	0
03/01/77	P	30	0	0	5844	0
04/01/77	P	30	0	0	13360	0
05/01/77	P	31	0	0	6977	0
06/01/77	P	30	0	0	6958	0
07/01/77	P	31	0	0	6999	0
08/01/77	P	31	0	0	6411	0
09/01/77	P	30	0	0	6358	0
10/01/77	P	31	0	0	6397	0
11/01/77	P	28	0	0	6051	0
12/01/77	P	31	0	0	7818	0
01/01/78	P	31	0	0	7325	0
02/01/78	P	28	0	0	6633	0
03/01/78	P	31	0	0	4996	0
04/01/78	P	30	0	0	12734	0
05/01/78	P	31	0	0	12273	0
06/01/78	P	30	0	0	12792	0
07/01/78	P	31	0	0	12815	0
08/01/78	P	31	0	0	11709	0
09/01/78	P	30	0	0	11177	0
10/01/78	P	31	0	0	13018	0
11/01/78	P	30	0	0	12305	0
12/01/78	P	31	0	0	11829	0
01/01/79	P	31	0	0	11809	0
02/01/79	P	28	0	0	10767	0
03/01/79	P	31	0	0	11794	0
04/01/79	P	30	0	0	10393	0
05/01/79	P	31	0	0	11212	0
06/01/79	P	30	0	0	11201	0
07/01/79	P	31	0	0	11495	0
09/01/79	P	30	0	0	11265	0
10/01/79	P	31	0	0	11200	0
11/01/79	P	30	0	0	11974	0
12/01/79	P	31	0	0	11334	0
01/01/83	P	31	0	0	7472	0
02/01/83	P	28	0	0	6836	0
03/01/83	P	31	0	0	7436	0
04/01/83	P	30	0	0	6962	0
05/01/83	P	31	0	0	7226	0
06/01/83	P	30	0	0	7109	0
07/01/83	P	31	0	0	7101	0
08/01/83	P	31	0	0	7570	0
09/01/83	P	30	0	0	7120	0
10/01/83	P	31	0	0	7713	0
11/01/83	P	30	0	0	4984	0
12/01/83	P	31	0	0	5219	0
01/01/87	P	31	0	0	1572	0
02/01/87	P	28	0	0	1510	0
03/01/87	P	31	0	0	1900	0
04/01/87	P	30	0	0	1894	0
05/01/87	P	31	0	0	1892	0
06/01/87	P	30	0	0	2187	0
07/01/87	P	31	0	0	1970	0



API No. 2302500060010							
Bruxoil, No. 1 FLB							
Penn Sand Gas Pool							
03/01/00	P	0	31	0	0	3191	3120
04/01/00	P	0	30	0	0	3309	3235
05/01/00	P	0	31	0	0	3228	3144
06/01/00	P	0	30	0	0	3546	3463
07/01/00	P	0	31	0	0	2947	2783
08/01/00	P	0	31	0	0	3321	3240
09/01/00	P	0	30	0	0	2939	2867
10/01/00	P	0	31	0	0	3247	3172
11/01/00	P	0	30	0	0	3284	3185
12/01/00	P	0	31	0	0	2937	2820
01/01/01	P	0	31	0	0	5262	5116
02/01/01	P	0	28	0	0	3022	2927
03/01/01	P	0	31	0	0	3362	3270
04/01/01	P	0	30	0	0	3289	3289
05/01/01	P	0	31	0	0	3706	3613
06/01/01	P	0	30	0	0	4206	4116
07/01/01	P	0	31	0	0	3944	3850
08/01/01	P	0	31	0	0	3228	3143
09/01/01	P	0	30	0	0	2828	2756
10/01/01	P	0	31	0	0	3156	3079
11/01/01	P	0	30	0	0	1918	1851
12/01/01	P	0	31	0	0	2295	2214
01/01/02	P	0	31	0	0	1936	1863
02/01/02	P	0	28	0	0	2101	2025
03/01/02	P	0	31	0	0	2398	2317
04/01/02	P	0	30	0	0	2444	2362
05/01/02	P	0	31	0	0	2350	2350
06/01/02	P	0	30	0	0	2915	2826
07/01/02	P	0	30	0	0	5508	5376
08/01/02	P	0	31	0	0	7227	7086
09/01/02	P	0	30	0	0	3098	2975
10/01/02	P	0	31	0	0	5127	5020
11/01/02	P	0	30	0	0	3682	3594
12/01/02	P	0	31	0	0	1755	1701
01/01/03	P	0	30	0	0	3585	3473
02/01/03	P	0	30	0	0	1640	1521
03/01/03	P	0	31	0	0	5403	5240
04/01/03	P	0	30	0	0	10162	9977
05/01/03	P	0	30	0	0	8997	8826
06/01/03	P	0	30	0	0	7894	7728
07/01/03	P	0	31	0	0	7381	7196
08/01/03	P	0	30	0	0	6511	6319
09/01/03	P	0	30	0	0	4871	4729
10/01/03	P	0	31	0	0	6661	6502
11/01/03	P	0	30	0	0	5373	5216
12/01/03	P	0	31	0	0	6535	6389
01/01/04	P	0	31	0	0	2748	2640
02/01/04	P	0	29	0	0	3685	3577
03/01/04	P	0	31	0	0	3854	3744
04/01/04	P	0	30	0	0	2860	2777
05/01/04	P	0	31	0	0	4826	4716
06/01/04	P	0	30	0	0	2985	2894
07/01/04	P	0	31	0	0	4275	4176 i
08/01/04	P	0	31	0	0	2779	2695
09/01/04	P	0	30	0	0	3208	3114
10/01/04	P	0	31	0	0	3272	3174
11/01/04	P	0	30	0	0	3230	3135
12/01/04	P	0	30	0	0	2699	2618
01/01/05	P	0	31	0	0	5110	5023
02/01/05	P	0	28	0	0	4415	4338
03/01/05	P	0	31	0	0	3717	3643
04/01/05	P	0	30	0	0	4873	4780



API No. 23025000050000						
Bruxoil, No. 1 Cottrell						
Penn Sand Gas Pool						
MM/DD/YY	STATUS	DAYS				
		PRODUCED	OIL (bbls)	WATER (bbls)	GAS (met)	GAS TRANS (met)
12/01/76	P	0	2775	14517	683513	0
03/01/77	P	14	0	0	2138	0
04/01/77	P	11	0	0	3117	0
05/01/77	P	31	0	0	6074	0
06/01/77	P	30	0	0	5964	0
07/01/77	P	31	0	0	5999	0
08/01/77	P	31	0	0	5495	0
09/01/77	P	30	0	0	5449	0
10/01/77	P	31	0	0	5483	0
11/01/77	P	28	0	0	5186	0
12/01/77	P	31	0	0	6702	0
01/01/78	P	31	0	0	6279	0
02/01/78	P	28	0	0	5686	0
03/01/78	P	31	0	0	14988	0
04/01/78	P	30	0	0	12639	0
05/01/78	P	31	0	0	11534	0
06/01/78	P	30	0	0	11395	0
07/01/78	P	31	0	0	11204	0
08/01/78	P	31	0	0	11364	0
09/01/78	P	30	0	0	12040	0
10/01/78	P	31	0	0	12804	0
11/01/78	P	30	0	0	10088	0
12/01/78	P	31	0	0	8765	0
01/01/79	P	31	0	0	8754	0
02/01/79	P	28	0	0	6335	0
03/01/79	P	31	0	0	6399	0
04/01/79	P	30	0	0	5639	0
05/01/79	P	31	0	0	6083	0
06/01/79	P	30	0	0	6077	0
07/01/79	P	31	0	0	1186	0
09/01/79	P	30	0	0	4172	0
10/01/79	P	31	0	0	4147	0
11/01/79	P	30	0	0	4434	0
12/01/79	P	31	0	0	4199	0
01/01/80	P	31	0	0	3608	0
02/01/80	P	29	0	0	3538	0
03/01/80	P	31	0	0	4565	0
04/01/80	P	30	0	0	3496	0
05/01/80	P	21	0	0	2629	0
06/01/80	P	30	0	0	4723	0
07/01/80	P	31	0	0	4591	0
08/01/80	P	31	0	0	4402	0
09/01/80	NULL	30	0	0	0	0
10/01/80	P	31	0	0	4609	0
11/01/80	P	30	0	0	4214	0
12/01/80	P	31	0	0	4123	0
01/01/81	P	31	0	0	4352	0
02/01/81	P	28	0	0	3624	0
03/01/81	P	31	0	0	3774	0
04/01/81	P	30	0	0	3657	0
06/01/81	P	30	0	0	3633	0
09/01/81	P	30	0	0	3364	0
10/01/81	P	31	0	0	3958	0
12/01/81	P	31	0	0	2145	0
03/01/82	P	30	0	0	838	0
06/01/82	P	30	0	0	922	0
07/01/82	P	31	0	0	1078	0
08/01/82	P	31	0	0	1007	0
10/01/82	P	31	0	0	1028	0
12/01/82	P	31	0	0	984	0

01/01/83	P	31	0	0	997	0
02/01/83	P	28	0	0	911	0
03/01/83	P	31	0	0	992	0
04/01/83	P	30	0	0	929	0
05/01/83	P	31	0	0	963	0
06/01/83	P	30	0	0	947	0
07/01/83	P	31	0	0	947	0
09/01/83	NULL	30	0	0	0	0
11/01/83	P	30	0	0	949	0
12/01/83	P	31	0	0	1491	0
01/01/84	P	31	0	0	1212	0
03/01/84	P	31	0	0	1023	0
04/01/84	P	30	0	0	1104	0
05/01/84	P	31	0	0	1920	0
06/01/84	P	30	0	0	1722	0
07/01/84	P	31	0	0	1722	0
08/01/84	P	31	0	0	1314	0
09/01/84	P	30	0	0	1590	0
10/01/84	P	31	0	0	1722	0
11/01/84	P	30	0	0	1553	0
12/01/84	P	31	0	0	1638	0
01/01/85	P	31	0	0	1601	0
02/01/85	P	28	0	0	1493	0
03/01/85	P	31	0	0	1490	0
04/01/85	P	30	0	0	1537	0
05/01/85	P	31	0	0	1668	0
06/01/85	P	30	0	0	1754	0
07/01/85	P	31	0	0	1689	0
08/01/85	P	31	0	0	1803	0
09/01/85	P	30	0	0	1601	0
10/01/85	P	31	0	0	1786	0
11/01/85	P	30	0	0	1776	0
12/01/85	P	31	0	0	1716	0
01/01/86	P	31	0	0	1405	0
02/01/86	P	28	0	0	1597	0
03/01/86	P	31	0	0	1599	0
04/01/86	P	30	0	0	1640	0
05/01/86	P	31	0	0	1938	0
06/01/86	P	30	0	0	1293	0
07/01/86	P	31	0	0	927	0
08/01/86	P	31	0	0	943	0
09/01/86	P	30	0	0	1663	0
10/01/86	P	31	0	0	1754	0
11/01/86	P	30	0	0	1788	0
12/01/86	P	31	0	0	2007	0
01/01/87	P	31	0	0	1454	0
02/01/87	P	28	0	0	1341	0
03/01/87	P	31	0	0	1326	0
04/01/87	P	30	0	0	1498	0
05/01/87	P	31	0	0	1443	0
06/01/87	P	30	0	0	1388	0
07/01/87	P	31	0	0	1205	0
08/01/87	P	31	0	0	1381	0
09/01/87	P	30	0	0	1292	0
10/01/87	P	31	0	0	613	0
11/01/87	P	30	0	0	1150	0
12/01/87	P	28	0	0	1129	0
01/01/88	P	31	0	0	1054	0
02/01/88	P	29	0	0	1019	0
03/01/88	P	31	0	0	1492	0
04/01/88	P	30	0	0	1458	0
05/01/88	P	31	0	0	1200	0
06/01/88	P	30	0	0	538	0
07/01/88	P	31	0	0	588	0
08/01/88	P	31	0	0	1270	0

09/01/88	P	30	0	0	1166	0
10/01/88	P	31	0	0	1361	0
11/01/88	P	30	0	0	1074	0
12/01/88	P	31	0	0	1284	0
01/01/89	P	31	0	0	1168	0
02/01/89	P	28	0	0	1072	0
03/01/89	P	31	0	0	1032	0
04/01/89	P	30	0	0	1341	0
05/01/89	P	31	0	0	1128	0
06/01/89	P	11	0	0	346	0
08/01/89	P	17	0	0	672	0
09/01/89	P	7	0	0	268	0
10/01/89	P	25	0	0	1118	0
11/01/89	P	30	0	0	1373	0
12/01/89	P	31	0	0	1355	0
01/01/90	P	31	0	0	340	0
02/01/90	P	28	0	0	277	0
03/01/90	P	13	0	0	158	0
04/01/90	P	8	0	0	86	0
05/01/90	P	31	0	0	678	0
06/01/90	P	30	0	0	697	0
07/01/90	P	31	0	0	1213	0
08/01/90	P	31	0	0	1157	0
09/01/90	P	6	0	0	132	0
10/01/90	P	6	0	0	151	0
11/01/90	P	30	0	0	1079	0
12/01/90	P	31	0	0	935	0
01/01/91	P	31	0	0	674	0
02/01/91	P	28	0	0	612	0
03/01/91	P	31	0	0	648	0
04/01/91	P	30	0	0	615	0
05/01/91	P	31	0	0	690	0
07/01/91	P	31	0	0	420	0
08/01/91	P	31	0	0	446	0
09/01/91	P	30	0	0	418	0
10/01/91	P	31	0	0	530	0
11/01/91	P	30	0	0	722	0
12/01/91	P	31	0	0	631	0
01/01/92	P	31	0	0	449	0
02/01/92	P	29	0	0	437	0
03/01/92	P	31	0	0	566	0
04/01/92	P	30	0	0	526	0
05/01/92	P	31	0	0	587	0
06/01/92	P	30	0	0	607	0
07/01/92	P	31	0	0	535	0
08/01/92	P	31	0	0	545	0
09/01/92	P	30	0	0	582	0
10/01/92	P	31	0	0	622	0
11/01/92	P	30	0	0	502	0
12/01/92	P	31	0	0	644	0
01/01/93	P	31	0	0	722	0
02/01/93	P	28	0	0	596	0
03/01/93	P	31	0	0	709	0
04/01/93	P	30	0	0	561	0
05/01/93	P	31	0	0	573	0
06/01/93	P	30	0	0	509	0
07/01/93	P	31	0	0	569	0
08/01/93	P	31	0	0	511	0
09/01/93	P	30	0	0	491	0
10/01/93	P	30	0	0	536	0
11/01/93	P	30	0	0	540	0
12/01/93	P	31	0	0	597	0
01/01/94	P	31	0	0	503	0
02/01/94	P	28	0	0	473	0
03/01/94	P	31	0	0	480	0

04/01/94	P	30	0	0	366	0
05/01/94	P	31	0	0	365	0
06/01/94	P	30	0	0	451	0
07/01/94	P	31	0	0	362	0
08/01/94	P	31	0	0	784	0
09/01/94	P	30	0	0	586	0
10/01/94	P	31	0	0	661	0
11/01/94	P	30	0	0	704	0
12/01/94	P	30	0	0	634	0
01/01/95	P	31	0	0	659	0
02/01/95	P	28	0	0	615	0
03/01/95	P	31	0	0	603	0
04/01/95	P	30	0	0	577	0
05/01/95	P	28	0	0	540	0
06/01/95	P	30	0	0	623	0
07/01/95	P	30	0	0	507	0
08/01/95	P	30	0	0	487	0
09/01/95	P	30	0	0	619	0
10/01/95	P	31	0	0	669	0
11/01/95	P	30	0	0	839	0
12/01/95	P	31	0	0	936	0
01/01/96	P	31	0	0	444	0
02/01/96	P	29	0	0	440	0
03/01/96	P	31	0	0	549	0
04/01/96	P	30	0	0	584	0
05/01/96	P	31	0	0	283	0
06/01/96	P	30	0	0	389	0
07/01/96	P	31	0	0	391	0
08/01/96	P	31	0	0	415	0
09/01/96	P	30	0	0	538	0
10/01/96	P	31	0	0	461	0
11/01/96	P	30	0	0	381	0
12/01/96	P	31	0	0	230	0
01/01/97	P	31	0	0	63	0
02/01/97	P	28	0	0	213	0
03/01/97	P	31	0	0	396	0
04/01/97	P	30	0	0	425	0
05/01/97	P	31	0	0	310	0
06/01/97	P	30	0	0	360	0
07/01/97	P	30	0	0	323	0
08/01/97	P	31	0	0	261	0
09/01/97	P	30	0	0	358	0
10/01/97	P	31	0	0	89	0
11/01/97	P	30	0	0	154	0
12/01/97	P	31	0	0	319	0
01/01/98	P	31	0	0	133	0
02/01/98	P	28	0	0	235	0
03/01/98	P	31	0	0	135	0
04/01/98	P	30	0	0	472	0
05/01/98	P	31	0	0	329	0
06/01/98	P	30	0	0	262	0
07/01/98	P	31	0	0	435	0
08/01/98	P	31	0	0	599	0
09/01/98	P	30	0	0	583	0
10/01/98	P	31	0	0	464	0
11/01/98	P	30	0	0	317	0
12/01/98	P	31	0	0	438	0
01/01/99	P	31	0	0	515	0
02/01/99	P	28	0	0	325	0
03/01/99	P	31	0	0	260	0
04/01/99	P	30	0	0	288	0
05/01/99	P	31	0	0	390	0
06/01/99	P	30	0	0	375	0
07/01/99	P	31	0	0	74	0
08/01/99	P	31	0	0	149	0



09/01/99	P	30	0	0	178	0
10/01/99	P	31	0	0	158	0
11/01/99	P	30	0	0	200	0
12/01/99	P	31	0	0	196	0
01/01/00	P	31	0	0	229	0
02/01/00	P	29	0	0	284	0
03/01/00	P	31	0	0	376	368
04/01/00	P	30	0	0	280	274
05/01/00	P	31	0	0	159	155
06/01/00	P	30	0	0	246	240
07/01/00	P	31	0	0	182	177
08/01/00	P	31	0	0	198	193
09/01/00	P	30	0	0	215	210
10/01/00	P	31	0	0	244	238
11/01/00	P	30	0	0	305	295
12/01/00	P	31	0	0	469	450
01/01/01	P	31	0	0	305	297
02/01/01	P	28	0	0	312	321
03/01/01	P	31	0	0	1728	310
04/01/01	P	30	0	0	225	225
05/01/01	P	31	0	0	142	167
06/01/01	P	30	0	0	422	414
07/01/01	P	31	0	0	450	439
08/01/01	P	31	0	0	456	444
09/01/01	P	30	0	0	486	474
10/01/01	P	31	0	0	393	384
11/01/01	P	30	0	0	227	219
12/01/01	P	31	0	0	177	177
01/01/02	P	31	0	0	144	139
02/01/02	P	28	0	0	181	174
03/01/02	P	31	0	0	239	231
04/01/02	P	30	0	0	298	288
05/01/02	P	31	0	0	265	265
06/01/02	P	30	0	0	510	495
07/01/02	P	30	0	0	285	278
08/01/02	P	31	0	0	10	10
09/01/02	Cl	0	0	0	0	0
10/01/02	Cl	0	0	0	0	0
11/01/02	Cl	0	0	0	0	0
12/01/02	Cl	0	0	0	0	0
01/01/03	Cl	0	0	0	0	0
02/01/03	Cl	0	0	0	0	0
03/01/03	Cl	0	0	0	0	0
04/01/03	Cl	0	0	0	0	0
05/01/03	Cl	0	0	0	0	0
06/01/03	Cl	0	0	0	0	0
07/01/03	Cl	0	0	0	0	0
08/01/03	Cl	0	0	0	0	0
09/01/03	Cl	0	0	0	0	0
10/01/03	Cl	0	0	0	0	0
11/01/03	Cl	0	0	0	0	0
12/01/03	Cl	0	0	0	0	0
01/01/04	Cl	0	0	0	0	0
02/01/04	Cl	0	0	0	0	0
03/01/04	Cl	0	0	0	0	0
04/01/04	Cl	0	0	0	0	0
05/01/04	Cl	0	0	0	0	0
06/01/04	Cl	0	0	0	0	0
07/01/04	Cl	0	0	0	0	0
08/01/04	Cl	0	0	0	0	0
09/01/04	Cl	0	0	0	0	0
10/01/04	Cl	0	0	0	0	0
11/01/04	Cl	0	0	0	0	0
12/01/04	Cl	0	0	0	0	0
01/01/05	Cl	0	0	0	0	0



<b>API No. 2302500060000</b>						
Bruxoil, No. 1 FLB						
Carter Sand Gas Pool						
		<b>DAYS</b>				
MM/DD/YY	STATUS	PRODUCED	OIL (bbls)	WATER (bbls)	GAS (met)	GAS TRANS (met)
12/01/76	P	0	15279	10891	4016769	0
01/01/80	P	31	0	0	6496	0
02/01/80	P	29	0	0	6545	0
03/01/80	P	31	0	0	8218	0
04/01/80	P	30	0	0	6293	0
05/01/80	P	31	0	0	4730	0
06/01/80	P	30	0	0	8502	0
07/01/80	P	31	0	0	8264	0
08/01/80	P	31	0	0	7924	0
09/01/80	NULL	30	0	0	0	0
10/01/80	P	31	0	0	8296	0
11/01/80	P	30	0	0	7586	0
12/01/80	P	31	0	0	7422	0
01/01/81	P	31	0	0	7833	0
02/01/81	P	28	0	0	6524	0
03/01/81	P	31	0	0	6794	0
04/01/81	P	30	0	0	6581	0
06/01/81	P	30	0	0	6537	0
09/01/81	P	30	0	0	6057	0
10/01/81	P	31	0	0	7127	0
12/01/81	P	31	0	0	6431	0
03/01/82	P	30	0	0	3775	0
04/01/82	P	30	0	0	3665	0
05/01/82	P	31	0	0	4623	0
06/01/82	P	30	0	0	4151	0
07/01/82	P	31	0	0	4849	0
08/01/82	P	31	0	0	4529	0
10/01/82	P	31	0	0	4630	0
12/01/82	P	31	0	0	4429	0
01/01/84	P	31	0	0	6467	0
03/01/84	P	31	0	0	6126	0
04/01/84	P	30	0	0	6483	0
05/01/84	P	31	0	0	6509	0
06/01/84	P	30	0	0	5836	0
07/01/84	P	31	0	0	6076	0
08/01/84	P	31	0	0	5904	0
09/01/84	P	30	0	0	5755	0
10/01/84	P	31	0	0	5749	0
11/01/84	P	30	0	0	5953	0
12/01/84	P	31	0	0	6113	0
01/01/85	P	31	0	0	5994	0
02/01/85	P	28	0	0	5114	0
03/01/85	P	31	0	0	5737	0
04/01/85	P	30	0	0	6681	0
05/01/85	P	31	0	0	6449	0
06/01/85	P	30	0	0	5900	0
07/01/85	P	31	0	0	5653	0
08/01/85	P	31	0	0	5591	0
09/01/85	P	30	0	0	5215	0
10/01/85	P	31	0	0	4638	0
11/01/85	P	30	0	0	4802	0
12/01/85	P	31	0	0	4474	0
01/01/86	P	31	0	0	3574	0
02/01/86	P	28	0	0	3295	0
03/01/86	P	31	0	0	3561	0
04/01/86	P	30	0	0	3832	0
05/01/86	P	31	0	0	2268	0
06/01/86	P	30	0	0	1431	0
07/01/86	P	31	0	0	1606	0

08/01/86	P	31	0	0	1830	0
09/01/86	P	30	0	0	2598	0
10/01/86	P	31	0	0	2592	0
11/01/86	P	30	0	0	2453	0
12/01/86	P	31	0	0	2164	0
01/01/89	P	31	0	0	3410	0
02/01/89	P	28	0	0	3483	0
03/01/89	P	31	0	0	3343	0
04/01/89	P	30	0	0	3916	0
05/01/89	P	31	0	0	3807	0
06/01/89	P	11	0	0	1167	0
08/01/89	P	17	0	0	2233	0
09/01/89	P	7	0	0	904	0
10/01/89	P	25	0	0	3774	0
11/01/89	P	30	0	0	4631	0
12/01/89	P	31	0	0	4573	0
01/01/90	P	31	0	0	5610	0
02/01/90	P	28	0	0	3817	0
03/01/90	P	13	0	0	1722	0
04/01/90	P	8	0	0	665	0
05/01/90	P	31	0	0	3635	0
06/01/90	P	30	0	0	3549	0
07/01/90	P	31	0	0	3315	0
08/01/90	P	31	0	0	2446	0
09/01/90	P	6	0	0	396	0
10/01/90	P	6	0	0	432	0
11/01/90	P	30	0	0	2258	0
12/01/90	P	31	0	0	2103	0
01/01/91	P	31	0	0	1760	0
02/01/91	P	28	0	0	1799	0
03/01/91	P	31	0	0	2242	0
04/01/91	P	30	0	0	1797	0
05/01/91	P	31	0	0	1851	0
06/01/91	P	30	0	0	2030	0
07/01/91	P	31	0	0	2152	0
08/01/91	P	31	0	0	2181	0
09/01/91	P	30	0	0	2064	0
10/01/91	P	31	0	0	2196	0
11/01/91	P	30	0	0	1997	0
12/01/91	P	31	0	0	2015	0
01/01/92	P	31	0	0	2051	0
02/01/92	P	29	0	0	1843	0
03/01/92	P	31	0	0	2036	0
04/01/92	P	30	0	0	1914	0
05/01/92	P	31	0	0	1772	0
06/01/92	P	30	0	0	1941	0
07/01/92	P	31	0	0	1726	0
08/01/92	P	31	0	0	1809	0
09/01/92	P	30	0	0	1868	0
10/01/92	P	31	0	0	1816	0
11/01/92	P	30	0	0	1699	0
12/01/92	P	31	0	0	1791	0
01/01/94	P	31	0	0	1630	0
02/01/94	P	28	0	0	1355	0
03/01/94	P	31	0	0	1507	0
04/01/94	P	30	0	0	1265	0
05/01/94	P	31	0	0	1339	0
06/01/94	P	30	0	0	1491	0
07/01/94	P	31	0	0	1277	0
08/01/94	P	31	0	0	1803	0
09/01/94	P	30	0	0	1434	0

10/01/94	P	31	0	0	1834	0
11/01/94	P	30	0	0	1423	0
12/01/94	P	30	0	0	1526	0
01/01/95	P	31	0	0	1774	0
02/01/95	P	28	0	0	1517	0
03/01/95	P	31	0	0	1609	0
04/01/95	P	30	0	0	1523	0
05/01/95	P	28	0	0	1356	0
06/01/95	P	30	0	0	1322	0
07/01/95	P	30	0	0	977	0
08/01/95	P	30	0	0	1274	0
09/01/95	P	30	0	0	1275	0
10/01/95	P	31	0	0	998	0
11/01/95	P	30	0	0	1193	0
12/01/95	P	31	0	0	1039	0
01/01/96	P	31	0	0	913	0
02/01/96	P	29	0	0	1031	0
03/01/96	P	31	0	0	937	0
04/01/96	P	30	0	0	960	0
05/01/96	P	31	0	0	559	0
06/01/96	P	30	0	0	770	0
07/01/96	P	31	0	0	736	0
08/01/96	P	31	0	0	974	0
09/01/96	P	30	0	0	986	0
10/01/96	P	31	0	0	967	0
11/01/96	P	30	0	0	864	0
12/01/96	P	31	0	0	791	0
01/01/99	P	31	0	0	1060	0
02/01/99	P	28	0	0	914	0
03/01/99	P	31	0	0	1047	0
04/01/99	P	30	0	0	803	0
05/01/99	P	31	0	0	897	0
06/01/99	P	30	0	0	869	0
07/01/99	P	31	0	0	980	0
08/01/99	P	31	0	0	1243	0
09/01/99	P	30	0	0	1103	0
10/01/99	P	31	0	0	1005	0
11/01/99	P	30	0	0	1016	0
12/01/99	P	31	0	0	859	0
01/01/00	P	31	0	0	1120	0
02/01/00	P	29	0	0	986	0
03/01/00	P	31	0	0	1063	1040
04/01/00	P	30	0	0	1102	1078
05/01/00	P	31	0	0	1076	1048
06/01/00	P	30	0	0	1182	1155
07/01/00	P	31	0	0	982	958
08/01/00	P	31	0	0	830	810
09/01/00	P	30	0	0	734	716
10/01/00	P	31	0	0	1082	1057
11/01/00	P	30	0	0	1094	1061
12/01/00	P	31	0	0	979	940
01/01/01	P	31	0	0	1754	1705
02/01/01	P	28	0	0	1007	976
03/01/01	P	31	0	0	1121	1090
04/01/01	P	30	0	0	1096	1066
05/01/01	P	31	0	0	1235	1204
06/01/01	P	30	0	0	1052	1030
07/01/01	P	31	0	0	986	962
08/01/01	P	31	0	0	1076	1048
09/01/01	P	30	0	0	707	689
10/01/01	P	31	0	0	789	770
11/01/01	P	30	0	0	479	463
12/01/01	P	31	0	0	573	553



API No. 23023000080000						
Ibruxoil, No. 1 Jarrett et al						
Carter Sand Gas Pool						
		DAYS				
MM/DD/YY	STATUS	PRODUCED	OIL (bbls)	WATER (bbls)	GAS (met)	GAS TRANS (met)
12/01/76	P	0	25132	11117	5853196	0
01/01/77	P	30	0	0	13766	0
02/01/77	P	28	0	0	15852	0
03/01/77	P	30	0	0	16435	0
04/01/77	P	30	0	0	18259	0
05/01/77	P	31	0	0	19624	0
06/01/77	P	30	0	0	16899	0
07/01/77	P	31	0	0	16996	0
08/01/77	P	31	0	0	15568	0
09/01/77	P	30	0	0	15440	0
10/01/77	P	31	0	0	15536	0
11/01/77	P	28	0	0	14694	0
12/01/77	P	31	0	0	18987	0
01/01/78	P	31	0	0	17789	0
02/01/78	P	28	0	0	16109	0
03/01/78	P	31	0	0	9992	0
04/01/78	P	30	0	0	12734	0
05/01/78	P	31	0	0	12273	0
06/01/78	P	30	0	0	12792	0
07/01/78	P	31	0	0	12815	0
08/01/78	P	31	0	0	11709	0
09/01/78	P	30	0	0	11177	0
10/01/78	P	31	0	0	13018	0
11/01/78	P	30	0	0	12305	0
12/01/78	P	31	0	0	11829	0
01/01/79	P	31	0	0	11809	0
02/01/79	P	28	0	0	10767	0
03/01/79	P	31	0	0	11794	0
04/01/79	P	30	0	0	10393	0
05/01/79	P	31	0	0	11212	0
06/01/79	P	30	0	0	11201	0
07/01/79	P	31	0	0	11495	0
09/01/79	P	30	0	0	11265	0
10/01/79	P	31	0	0	11200	0
11/01/79	P	30	0	0	11974	0
12/01/79	P	31	0	0	11334	0
01/01/80	P	31	0	0	9744	0
02/01/80	P	29	0	0	9375	0
03/01/80	P	31	0	0	12326	0
04/01/80	P	30	0	0	9440	0
05/01/80	P	21	0	0	7095	0
06/01/80	P	30	0	0	12752	0
07/01/80	P	31	0	0	12396	0
08/01/80	P	31	0	0	11877	0
09/01/80	NULL	30	0	0	0	0
10/01/80	P	31	0	0	12445	0
11/01/80	P	30	0	0	11379	0
12/01/80	P	31	0	0	11133	0
01/01/81	P	31	0	0	11750	0
02/01/81	P	28	0	0	9785	0
03/01/81	P	31	0	0	10190	0
04/01/81	P	30	0	0	9872	0
06/01/81	P	30	0	0	9806	0
09/01/81	P	30	0	0	9085	0
10/01/81	P	31	0	0	10690	0
12/01/81	P	31	0	0	10361	0
03/01/82	P	30	0	0	6292	0
04/01/82	P	30	0	0	6109	0
05/01/82	P	31	0	0	7706	0
06/01/82	P	30	0	0	6917	0

07/01/82	P	31	0	0	8082	0
08/01/82	P	31	0	0	7549	0
10/01/82	P	31	0	0	7716	0
12/01/82	P	31	0	0	7382	0
01/01/83	P	31	0	0	7472	0
02/01/83	P	28	0	0	6836	0
03/01/83	P	31	0	0	7436	0
04/01/83	P	30	0	0	6962	0
05/01/83	P	31	0	0	7226	0
06/01/83	P	30	0	0	7109	0
07/01/83	P	31	0	0	7101	0
08/01/83	P	31	0	0	7570	0
09/01/83	P	30	0	0	7120	0
10/01/83	P	31	0	0	7713	0
11/01/83	P	30	0	0	8068	0
12/01/83	P	31	0	0	8449	0
01/01/84	P	31	0	0	6871	0
03/01/84	P	31	0	0	6510	0
04/01/84	P	30	0	0	6878	0
05/01/84	P	31	0	0	6917	0
06/01/84	P	30	0	0	5496	0
07/01/84	P	31	0	0	5740	0
08/01/84	P	31	0	0	6109	0
09/01/84	P	30	0	0	5953	0
10/01/84	P	31	0	0	6388	0
11/01/84	P	30	0	0	6614	0
12/01/84	P	31	0	0	6792	0
01/01/85	P	31	0	0	6660	0
02/01/85	P	28	0	0	5684	0
03/01/85	P	31	0	0	6374	0
04/01/85	P	30	0	0	7424	0
05/01/85	P	31	0	0	7166	0
06/01/85	P	30	0	0	6555	0
07/01/85	P	31	0	0	6281	0
08/01/85	P	31	0	0	6213	0
09/01/85	P	30	0	0	5795	0
10/01/85	P	31	0	0	5153	0
11/01/85	P	30	0	0	5336	0
12/01/85	P	31	0	0	4971	0
01/01/86	P	31	0	0	3972	0
02/01/86	P	28	0	0	3661	0
03/01/86	P	31	0	0	3959	0
04/01/86	P	30	0	0	4259	0
05/01/86	P	31	0	0	2522	0
06/01/86	P	30	0	0	1590	0
07/01/86	P	31	0	0	1784	0
08/01/86	P	31	0	0	2034	0
09/01/86	P	30	0	0	2887	0
10/01/86	P	31	0	0	2879	0
11/01/86	P	30	0	0	2726	0
12/01/86	P	31	0	0	2404	0
01/01/87	P	31	0	0	2619	0
02/01/87	P	28	0	0	2517	0
03/01/87	P	31	0	0	3166	0
04/01/87	P	30	0	0	3157	0
05/01/87	P	31	0	0	3153	0
06/01/87	P	30	0	0	3645	0
07/01/87	P	31	0	0	3284	0
08/01/87	P	31	0	0	3919	0
09/01/87	P	30	0	0	3311	0
10/01/87	P	31	0	0	2182	0
11/01/87	P	30	0	0	4341	0
12/01/87	P	28	0	0	4502	0
01/01/88	P	31	0	0	3079	0
02/01/88	P	29	0	0	3822	0



03/01/88	P	31	0	0	4845	0
04/01/88	P	30	0	0	3972	0
05/01/88	P	31	0	0	3263	0
06/01/88	P	30	0	0	2019	0
07/01/88	P	31	0	0	2206	0
08/01/88	P	31	0	0	4064	0
09/01/88	P	30	0	0	3833	0
10/01/88	P	31	0	0	3810	0
11/01/88	P	30	0	0	4132	0
12/01/88	P	31	0	0	4166	0
01/01/89	P	31	0	0	3789	0
02/01/89	P	28	0	0	3870	0
03/01/89	P	31	0	0	3714	0
04/01/89	P	30	0	0	4351	0
05/01/89	P	31	0	0	4231	0
06/01/89	P	11	0	0	1297	0
08/01/89	P	17	0	0	2481	0
09/01/89	P	7	0	0	1005	0
10/01/89	P	25	0	0	4194	0
11/01/89	P	30	0	0	5146	0
12/01/89	P	31	0	0	5082	0
01/01/90	P	31	0	0	5439	0
02/01/90	P	28	0	0	5393	0
03/01/90	P	13	0	0	3040	0
04/01/90	P	8	0	0	2301	0
05/01/90	P	31	0	0	8065	0
06/01/90	P	30	0	0	7028	0
07/01/90	P	31	0	0	7009	0
08/01/90	P	31	0	0	8255	0
09/01/90	P	6	0	0	1268	0
10/01/90	P	6	0	0	781	0
11/01/90	P	30	0	0	7657	0
12/01/90	P	31	0	0	7440	0
01/01/91	P	31	0	0	7581	0
02/01/91	P	28	0	0	6292	0
03/01/91	P	31	0	0	7634	0
04/01/91	P	30	0	0	7513	0
05/01/91	P	31	0	0	6789	0
06/01/91	P	30	0	0	6621	0
07/01/91	P	31	0	0	6611	0
08/01/91	P	31	0	0	6947	0
09/01/91	P	30	0	0	6567	0
10/01/91	P	31	0	0	7049	0
11/01/91	P	30	0	0	6136	0
12/01/91	P	31	0	0	6786	0
01/01/92	P	31	0	0	6698	0
02/01/92	P	29	0	0	6573	0
03/01/92	P	31	0	0	6617	0
04/01/92	P	30	0	0	6950	0
05/01/92	P	31	0	0	6850	0
06/01/92	P	30	0	0	6362	0
07/01/92	P	31	0	0	6789	0
08/01/92	P	31	0	0	6698	0
09/01/92	P	30	0	0	6255	0
10/01/92	P	31	0	0	6920	0
11/01/92	P	30	0	0	7070	0
12/01/92	P	31	0	0	6894	0
01/01/93	P	31	0	0	7209	0
02/01/93	P	28	0	0	6707	0
03/01/93	P	31	0	0	6471	0
04/01/93	P	30	0	0	6959	0
05/01/93	P	31	0	0	7158	0
06/01/93	P	30	0	0	7813	0
07/01/93	P	31	0	0	7354	0
08/01/93	P	31	0	0	7341	0

09/01/93	P	30	0	0	6716	0
10/01/93	P	30	0	0	7478	0
11/01/93	P	30	0	0	7674	0
12/01/93	P	31	0	0	8179	0
01/01/94	P	31	0	0	7745	0
02/01/94	P	28	0	0	5725	0
03/01/94	P	31	0	0	6217	0
04/01/94	P	30	0	0	6692	0
05/01/94	P	31	0	0	6663	0
06/01/94	P	30	0	0	6149	0
07/01/94	P	31	0	0	5862	0
08/01/94	P	31	0	0	7754	0
09/01/94	P	30	0	0	7944	0
10/01/94	P	31	0	0	7502	0
11/01/94	P	30	0	0	6381	0
12/01/94	P	30	0	0	5605	0
01/01/95	P	31	0	0	6300	0
02/01/95	P	28	0	0	5741	0
03/01/95	P	31	0	0	5844	0
04/01/95	P	30	0	0	5933	0
05/01/95	P	28	0	0	6194	0
06/01/95	P	30	0	0	6216	0
07/01/95	P	30	0	0	7028	0
08/01/95	P	30	0	0	7803	0
09/01/95	P	30	0	0	7611	0
10/01/95	P	31	0	0	6002	0
11/01/95	P	30	0	0	7669	0
12/01/95	P	31	0	0	8102	0
01/01/96	P	31	0	0	7486	0
02/01/96	P	29	0	0	6056	0
03/01/96	P	31	0	0	7427	0
04/01/96	P	30	0	0	7315	0
05/01/96	P	31	0	0	6165	0
06/01/96	P	30	0	0	6634	0
07/01/96	P	31	0	0	7269	0
08/01/96	P	31	0	0	6361	0
09/01/96	P	30	0	0	6869	0
10/01/96	P	31	0	0	6942	0
11/01/96	P	30	0	0	5578	0
12/01/96	P	31	0	0	5505	0
01/01/97	P	31	0	0	6852	0
02/01/97	P	28	0	0	6565	0
03/01/97	P	31	0	0	6679	0
04/01/97	P	30	0	0	6522	0
05/01/97	P	31	0	0	6769	0
06/01/97	P	30	0	0	6493	0
07/01/97	P	30	0	0	6162	0
08/01/97	P	31	0	0	6114	0
09/01/97	P	30	0	0	5243	0
10/01/97	P	31	0	0	5176	0
11/01/97	P	30	0	0	5188	0
12/01/97	P	31	0	0	6321	0
01/01/98	P	31	0	0	5249	0
02/01/98	P	28	0	0	4702	0
03/01/98	P	31	0	0	5218	0
04/01/98	P	30	0	0	5112	0
05/01/98	P	31	0	0	5376	0
06/01/98	P	30	0	0	5707	0
07/01/98	P	31	0	0	6453	0
08/01/98	P	31	0	0	6674	0
09/01/98	P	30	0	0	6633	0
10/01/98	P	31	0	0	68067	0
11/01/98	P	30	0	0	6105	0
12/01/98	P	31	0	0	5836	0
01/01/99	P	31	0	0	6993	0

02/01/99	P	28	0	0	7122	0
03/01/99	P	31	0	0	7528	0
04/01/99	P	30	0	0	7753	0
05/01/99	P	31	0	0	8423	0
06/01/99	P	30	0	0	8258	0
07/01/99	P	31	0	0	6730	0
08/01/99	P	31	0	0	6924	0
09/01/99	P	30	0	0	7086	0
10/01/99	P	31	0	0	7239	0
11/01/99	P	30	0	0	6080	0
12/01/99	P	31	0	0	7364	0
01/01/00	P	31	0	0	5849	0
02/01/00	P	29	0	0	5765	0
03/01/00	P	31	0	0	6523	6378
04/01/00	P	30	0	0	6974	5841
05/01/00	P	31	0	0	5324	5186
06/01/00	P	30	0	0	5912	5775
07/01/00	P	31	0	0	5746	5601
08/01/00	P	31	0	0	5756	0
09/01/00	P	30	0	0	5239	5109
10/01/00	P	31	0	0	5620	5490
11/01/00	P	30	0	0	2766	2683
12/01/00	P	31	0	0	972	934
01/01/01	P	31	0	0	2286	2223
02/01/01	P	28	0	0	3312	3207
03/01/01	P	31	0	0	4392	4271
04/01/01	P	30	0	0	4273	4273
05/01/01	P	31	0	0	3946	3847
06/01/01	P	30	0	0	4826	4723
07/01/01	P	31	0	0	4344	4240
08/01/01	P	31	0	0	3994	3889
09/01/01	P	30	0	0	5053	4925
10/01/01	P	31	0	0	5524	5389
11/01/01	P	30	0	0	4066	3924
12/01/01	P	31	0	0	3629	3501
01/01/02	P	31	0	0	3441	3312
02/01/02	P	28	0	0	3480	3354
03/01/02	P	31	0	0	3358	3245
04/01/02	P	30	0	0	3100	2995
05/01/02	P	31	0	0	3006	3006
06/01/02	P	30	0	0	3153	3057
07/01/02	P	30	0	0	3105	3031
08/01/02	P	31	0	0	3787	3714
09/01/02	P	30	0	0	1718	1649
10/01/02	P	31	0	0	5363	5251
11/01/02	P	30	0	0	5283	5157
12/01/02	P	31	0	0	5551	5385
01/01/03	P	30	0	0	3032	2938
02/01/03	P	30	0	0	380	352
03/01/03	P	31	0	0	837	811
04/01/03	P	30	0	0	493	484
05/01/03	P	30	0	0	1853	1818
06/01/03	P	30	0	0	781	765
07/01/03	P	31	0	0	826	805
08/01/03	P	30	0	0	947	919
09/01/03	P	30	0	0	917	890
10/01/03	P	31	0	0	1048	1023
11/01/03	P	30	0	0	929	901
12/01/03	P	31	0	0	2171	2122
01/01/04	P	31	0	0	2033	1952
02/01/04	P	29	0	0	2360	2291
03/01/04	P	31	0	0	3322	3227
04/01/04	P	30	0	0	3987	3870
05/01/04	P	31	0	0	4649	4543
06/01/04	P	30	0	0	4014	3897

07/01/04	P	31	0	0	5090	4971
08/01/04	P	31	0	0	4313	4183
09/01/04	P	30	0	0	3809	3698
10/01/04	P	31	0	0	3712	3601
11/01/04	P	30	0	0	3832	3720
12/01/04	P	30	0	0	4425	4292
01/01/05	P	31	0	0	7860	7726
02/01/05	P	28	0	0	6754	6636
03/01/05	P	31	0	0	7500	7351
04/01/05	P	30	0	0	6424	6300
05/01/05	P	31	0	0	6367	6237
06/01/05	P	30	0	0	6430	6299
07/01/05	P	31	0	0	5587	5465
08/01/05	P	31	0	0	6225	6090
09/01/05	Nr	0	0	0	0	0
			OIL (bbls)	<b>WATER (bbls)</b>	GAS (met)	GAS TRANS (met)
<b>Cumulative Production</b>			25132	<b>11117</b>	8095563	244742
<b>to 09/01/2005</b>						

API No. 2302500090000						
Bruxoil, No. 1 Ropers Unit						
Carter Sand Gas Pool						
		DAYS				
MM/DD/YY	STATUS	PRODUCED	OIL (bbls)	WATER (bbls)	GAS (met)	GAS TRANS (mef)
12/01/76	P	0	1271	19196	465319	0
01/01/77	P	30	0	0	2142	0
02/01/77	P	28	0	0	2466	0
03/01/77	P	30	0	0	2556	0
04/01/77	P	30	0	0	3117	0
05/01/77	P	31	0	0	6074	0
06/01/77	P	30	0	0	5964	0
07/01/77	P	31	0	0	5999	0
08/01/77	P	31	0	0	5495	0
09/01/77	P	30	0	0	5449	0
10/01/77	P	31	0	0	5483	0
11/01/77	P	28	0	0	5186	0
12/01/77	P	31	0	0	6701	0
01/01/78	P	31	0	0	6378	0
02/01/78	P	28	0	0	5686	0
03/01/78	P	31	0	0	9992	0
04/01/78	P	30	0	0	8489	0
05/01/78	P	31	0	0	8182	0
06/01/78	P	30	0	0	8536	0
07/01/78	P	31	0	0	8543	0
08/01/78	P	31	0	0	7806	0
09/01/78	P	30	0	0	7451	0
10/01/78	P	31	0	0	8679	0
11/01/78	P	30	0	0	8201	0
12/01/78	P	31	0	0	7886	0
01/01/79	P	31	0	0	7872	0
02/01/79	P	28	0	0	7178	0
03/01/79	P	31	0	0	7863	0
04/01/79	P	30	0	0	6928	0
05/01/79	P	31	0	0	7475	0
06/01/79	P	30	0	0	7467	0
07/01/79	P	31	0	0	7663	0
09/01/79	P	30	0	0	7510	0
10/01/79	P	31	0	0	7467	0
11/01/79	P	30	0	0	7983	0
12/01/79	P	31	0	0	7556	0
01/01/80	P	31	0	0	6496	0
02/01/80	P	29	0	0	6192	0
03/01/80	P	31	0	0	8218	0
04/01/80	P	30	0	0	6293	0
05/01/80	P	21	0	0	4730	0
06/01/80	P	30	0	0	8502	0
07/01/80	P	31	0	0	8264	0
08/01/80	P	31	0	0	7924	0
09/01/80	NULL	30	0	0	0	0
10/01/80	P	31	0	0	8296	0
11/01/80	P	30	0	0	7586	0
12/01/80	P	31	0	0	7422	0
01/01/81	P	31	0	0	7833	0
02/01/81	P	28	0	0	6524	0
03/01/81	P	31	0	0	6794	0
04/01/81	P	30	0	0	6581	0
06/01/81	P	30	0	0	6537	0
09/01/81	P	30	0	0	6057	0
10/01/81	P	31	0	0	7127	0
12/01/81	P	31	0	0	6431	0
03/01/82	P	30	0	0	3775	0
04/01/82	P	30	0	0	4072	0
05/01/82	P	31	0	0	5137	0
06/01/82	P	30	0	0	4151	0

07/01/82	P	31	0	0	4849	0
08/01/82	P	31	0	0	4529	0
10/01/82	P	31	0	0	4630	0
12/01/82	P	31	0	0	4429	0
01/01/83	P	31	0	0	4483	0
02/01/83	P	28	0	0	4102	0
03/01/83	P	31	0	0	4461	0
04/01/83	P	30	0	0	4177	0
05/01/83	P	31	0	0	4335	0
06/01/83	P	30	0	0	4265	0
07/01/83	P	31	0	0	4260	0
08/01/83	P	31	0	0	4259	0
09/01/83	P	30	0	0	3561	0
10/01/83	P	31	0	0	2723	0
11/01/83	P	30	0	0	2136	0
12/01/83	P	31	0	0	1740	0
01/01/84	P	31	0	0	1415	0
03/01/84	P	31	0	0	1467	0
04/01/84	P	30	0	0	1551	0
05/01/84	P	31	0	0	1240	0
06/01/84	P	30	0	0	1245	0
07/01/84	P	31	0	0	816	0
08/01/84	P	31	0	0	955	0
09/01/84	P	30	0	0	1130	0
10/01/84	P	31	0	0	1294	0
11/01/84	P	30	0	0	2545	0
12/01/84	P	31	0	0	2672	0
01/01/85	P	31	0	0	2534	0
02/01/85	P	28	0	0	2191	0
03/01/85	P	31	0	0	2235	0
04/01/85	P	30	0	0	1805	0
05/01/85	P	31	0	0	1959	0
06/01/85	P	30	0	0	2059	0
07/01/85	P	31	0	0	2277	0
08/01/85	P	31	0	0	2367	0
09/01/85	P	30	0	0	2369	0
10/01/85	P	31	0	0	2282	0
11/01/85	P	30	0	0	2479	0
12/01/85	P	31	0	0	2475	0
01/01/86	P	31	0	0	2814	0
02/01/86	P	28	0	0	2901	0
03/01/86	P	31	0	0	2633	0
04/01/86	P	30	0	0	2224	0
05/01/86	P	31	0	0	3133	0
06/01/86	P	30	0	0	2513	0
07/01/86	P	31	0	0	1870	0
08/01/86	P	31	0	0	2065	0
09/01/86	P	30	0	0	3381	0
10/01/86	P	31	0	0	3602	0
11/01/86	P	30	0	0	3489	0
12/01/86	P	31	0	0	3649	0
01/01/87	P	31	0	0	2968	0
02/01/87	P	28	0	0	2655	0
03/01/87	P	31	0	0	3655	0
04/01/87	P	30	0	0	3527	0
05/01/87	P	31	0	0	3501	0
06/01/87	P	30	0	0	2640	0
07/01/87	P	31	0	0	2451	0
08/01/87	P	31	0	0	2579	0
09/01/87	P	30	0	0	2513	0
10/01/87	P	31	0	0	1612	0
11/01/87	P	30	0	0	960	0
12/01/87	P	28	0	0	2103	0
01/01/88	P	31	0	0	1793	0
02/01/88	P	29	0	0	2422	0

03/01/88	P	31	0	0	2891	0
04/01/88	P	30	0	0	2779	0
05/01/88	P	31	0	0	2283	0
06/01/88	P	30	0	0	1144	0
07/01/88	P	31	0	0	1250	0
08/01/88	P	31	0	0	2681	0
09/01/88	P	30	0	0	2462	0
10/01/88	P	31	0	0	2721	0
11/01/88	P	30	0	0	2283	0
12/01/88	P	31	0	0	2566	0
01/01/89	P	31	0	0	2336	0
02/01/89	P	28	0	0	1163	0
03/01/89	P	31	0	0	2580	0
04/01/89	P	30	0	0	2683	0
05/01/89	P	31	0	0	2397	0
06/01/89	P	11	0	0	735	0
08/01/89	P	17	0	0	1406	0
09/01/89	P	7	0	0	570	0
10/01/89	P	25	0	0	2376	0
11/01/89	P	30	0	0	2916	0
12/01/89	P	31	0	0	2880	0
01/01/90	P	31	0	0	1870	0
02/01/90	P	28	0	0	1797	0
03/01/90	P	13	0	0	827	0
04/01/90	P	8	0	0	767	0
05/01/90	P	31	0	0	2443	0
06/01/90	P	30	0	0	2098	0
07/01/90	P	31	0	0	2229	0
08/01/90	P	31	0	0	2114	0
09/01/90	P	6	0	0	347	0
10/01/90	P	6	0	0	494	0
11/01/90	P	30	0	0	2631	0
12/01/90	P	31	0	0	2522	0
01/01/91	P	31	0	0	2268	0
02/01/91	P	28	0	0	2137	0
03/01/91	P	31	0	0	2333	0
04/01/91	P	30	0	0	1967	0
05/01/91	P	31	0	0	2025	0
06/01/91	P	30	0	0	2024	0
07/01/91	P	31	0	0	1868	0
08/01/91	P	31	0	0	1643	0
09/01/91	P	30	0	0	1747	0
10/01/91	P	31	0	0	1866	0
11/01/91	P	30	0	0	2264	0
12/01/91	P	31	0	0	1954	0
01/01/92	P	31	0	0	1797	0
02/01/92	P	29	0	0	1702	0
03/01/92	P	31	0	0	1713	0
04/01/92	P	30	0	0	1679	0
05/01/92	P	31	0	0	1551	0
06/01/92	P	30	0	0	1674	0
07/01/92	P	31	0	0	1567	0
08/01/92	P	31	0	0	1561	0
09/01/92	P	30	0	0	1495	0
10/01/92	P	31	0	0	1598	0
11/01/92	P	30	0	0	1572	0
12/01/92	P	31	0	0	1509	0
01/01/93	P	31	0	0	1684	0
02/01/93	P	28	0	0	1594	0
03/01/93	P	31	0	0	1755	0
04/01/93	P	30	0	0	1666	0
05/01/93	P	31	0	0	1722	0
06/01/93	P	30	0	0	1551	0
07/01/93	P	31	0	0	1520	0
08/01/93	P	31	0	0	1428	0

09/01/93	P	30	0	0	1290	0
10/01/93	P	30	0	0	1496	0
11/01/93	P	30	0	0	1386	0
12/01/93	P	31	0	0	1583	0
01/01/94	P	31	0	0	1358	0
02/01/94	P	28	0	0	1261	0
03/01/94	P	31	0	0	1611	0
04/01/94	P	30	0	0	1681	0
05/01/94	P	31	0	0	1695	0
06/01/94	P	30	0	0	1702	0
07/01/94	P	31	0	0	1200	0
08/01/94	P	31	0	0	1336	0
09/01/94	P	30	0	0	1249	0
10/01/94	P	31	0	0	1355	0
11/01/94	P	30	0	0	1395	0
12/01/94	P	30	0	0	1401	0
01/01/95	P	31	0	0	1390	0
02/01/95	P	28	0	0	1394	0
03/01/95	P	31	0	0	1584	0
04/01/95	P	30	0	0	1516	0
05/01/95	P	28	0	0	1751	0
06/01/95	P	30	0	0	1660	0
07/01/95	P	30	0	0	1528	0
08/01/95	P	30	0	0	1326	0
09/01/95	P	30	0	0	1312	0
10/01/95	P	31	0	0	1220	0
11/01/95	P	30	0	0	1616	0
12/01/95	P	31	0	0	1902	0
01/01/96	P	31	0	0	1769	0
02/01/96	P	29	0	0	1610	0
03/01/96	P	31	0	0	1567	0
04/01/96	P	30	0	0	1598	0
05/01/96	P	31	0	0	1302	0
06/01/96	P	30	0	0	1426	0
07/01/96	P	31	0	0	1463	0
08/01/96	P	31	0	0	1395	0
09/01/96	P	30	0	0	1237	0
10/01/96	P	31	0	0	1283	0
11/01/96	P	30	0	0	1510	0
12/01/96	P	31	0	0	1425	0
01/01/97	P	31	0	0	1409	0
02/01/97	P	28	0	0	1280	0
03/01/97	P	31	0	0	1438	0
04/01/97	P	30	0	0	1375	0
05/01/97	P	31	0	0	1431	0
06/01/97	P	30	0	0	953	0
07/01/97	P	30	0	0	1418	0
08/01/97	P	31	0	0	2076	0
09/01/97	P	30	0	0	2351	0
10/01/97	P	31	0	0	2114	0
11/01/97	P	30	0	0	1849	0
12/01/97	P	31	0	0	1439	0
01/01/98	P	31	0	0	1879	0
02/01/98	P	28	0	0	1684	0
03/01/98	P	31	0	0	1426	0
04/01/98	P	30	0	0	1424	0
05/01/98	P	31	0	0	1660	0
06/01/98	P	30	0	0	1440	0
07/01/98	P	31	0	0	1309	0
08/01/98	P	31	0	0	845	0
09/01/98	P	30	0	0	717	0
10/01/98	P	31	0	0	1478	0
11/01/98	P	30	0	0	1806	0
12/01/98	P	31	0	0	2185	0
01/01/99	P	31	0	0	1588	0



02/01/99	P	28	0	0	1163	0
03/01/99	P	31	0	0	1212	0
04/01/99	P	30	0	0	1008	0
05/01/99	P	31	0	0	1381	0
06/01/99	P	30	0	0	1233	0
07/01/99	P	31	0	0	1273	0
08/01/99	P	31	0	0	1337	0
09/01/99	P	30	0	0	801	0
10/01/99	P	31	0	0	799	0
11/01/99	P	30	0	0	833	0
12/01/99	P	31	0	0	835	0
01/01/00	P	31	0	0	522	0
02/01/00	P	29	0	0	1225	0
03/01/00	P	31	0	0	1224	1197
04/01/00	P	30	0	0	1394	1363
05/01/00	P	31	0	0	817	795
06/01/00	P	30	0	0	581	568
07/01/00	P	31	0	0	1094	1066
08/01/00	P	31	0	0	1207	1178
09/01/00	P	30	0	0	1668	1627
10/01/00	P	31	0	0	1701	1662
11/01/00	P	30	0	0	1456	1412
12/01/00	P	31	0	0	1569	1506
01/01/01	P	31	0	0	368	358
02/01/01	P	28	0	0	786	761
03/01/01	P	31	0	0	893	869
04/01/01	P	30	0	0	871	871
05/01/01	P	31	0	0	1951	1902
06/01/01	P	30	0	0	2019	1976
07/01/01	P	31	0	0	1863	1819
08/01/01	P	31	0	0	1736	1691
09/01/01	P	30	0	0	1497	1459
10/01/01	P	31	0	0	1478	1442
11/01/01	P	30	0	0	966	933
12/01/01	P	31	0	0	1142	1102
01/01/02	P	31	0	0	1195	1150
02/01/02	P	28	0	0	1122	1082
03/01/02	P	31	0	0	1403	1355
04/01/02	P	30	0	0	1441	1393
05/01/02	P	31	0	0	1481	1481
06/01/02	P	30	0	0	1489	1444
07/01/02	P	30	0	0	1308	1277
08/01/02	P	31	0	0	1358	1332
09/01/02	P	30	0	0	853	819
10/01/02	P	31	0	0	1397	1368
11/01/02	P	30	0	0	1318	1287
12/01/02	P	31	0	0	1352	1311
01/01/03	P	30	0	0	1360	1318
02/01/03	P	30	0	0	1107	1027
03/01/03	P	31	0	0	1563	1516
04/01/03	P	30	0	0	1532	1504
05/01/03	P	30	0	0	1435	1407
06/01/03	P	30	0	0	1416	1386
07/01/03	P	31	0	0	1006	981
08/01/03	P	30	0	0	302	293
09/01/03	P	30	0	0	1732	1681
10/01/03	P	31	0	0	2183	2131
11/01/03	P	30	0	0	1459	1417
12/01/03	P	31	0	0	1995	1950
01/01/04	P	31	0	0	1499	1439
02/01/04	P	29	0	0	1871	55
03/01/04	P	31	0	0	1545	1501
04/01/04	P	30	0	0	1343	1304
05/01/04	P	31	0	0	1432	1399
06/01/04	P	30	0	0	1150	1117

07/01/04	P	31	0	0	1442	1408
08/01/04	P	31	0	0	1135	1101
09/01/04	P	30	0	0	1057	1026
10/01/04	P	31	0	0	1077	1045
11/01/04	P	30	0	0	1006	976
12/01/04	P	30	0	0	1129	1095
01/01/05	P	31	0	0	1578	1551
02/01/05	P	28	0	0	2637	2591
03/01/05	P	31	0	0	1412	1384
04/01/05	P	30	0	0	931	913
05/01/05	P	31	0	0	655	641
06/01/05	P	30	0	0	7	7
07/01/05	Cl	0	0	0	0	0
08/01/05	Cl	0	0	0	0	0
09/01/05	Nr	0	0	0	0	0
			OIL (bbls)	WATER (bbls)	GAS (mcf)	GAS TRANS (mcf)
Cumulative Production			1271	19196	1344286	80020
to 09/01/2005						



<b>API No. 23025200240000</b>						
<b>Browning &amp; Welch, No. 1 J.R. Hawkins et al</b>						
<b>Carter Sand Gas Pool</b>						
		<b>DAYS</b>				
<b>MM/DD/YY</b>	<b>STATUS</b>	<b>PRODUCED</b>	<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
01/01/81	P	31	6	8	1052	0
02/01/81	P	28	6	10	992	0
03/01/81	P	28	5	8	1019	0
04/01/81	P	30	2	6	1331	0
05/01/81	P	31	2	7	1242	0
06/01/81	P	30	2	7	1193	0
07/01/81	P	30	2	7	1080	0
08/01/81	P	28	0	6	1123	0
			<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
<b>Cumulative Production</b>			<b>25</b>	<b>59</b>	<b>9032</b>	<b>0</b>

<b>API No. 23025200040000</b>						
<b>Browning &amp; Welch, No. 1 R.F. McFadden</b>						
<b>3400' Penn Sand Gas Pool</b>						
		<b>DAYS</b>				
<b>MM/DD/YY</b>	<b>STATUS</b>	<b>PRODUCED</b>	<b>OIL (bbls)</b>	<b>WATER (bbls)</b>	<b>GAS (mcf)</b>	<b>GAS TRANS (mcf)</b>
10/01/80	P	23	0	80	5895	0
12/01/80	P	30	0	10	3774	0
01/01/81	P	31	0	5	2631	0
02/01/81	P	28	0	5	2304	0
03/01/81	P	31	0	6	2326	0
04/01/81	P	30	0	4	2094	0
05/01/81	P	31	0	4	2307	0
06/01/81	P	30	0	4	2231	0
07/01/81	P	30	0	4	2548	0
08/01/81	P	28	0	3	2436	0
10/01/81	P	31	0	2	2056	0
11/01/81	P	30	0	2	2079	0
12/01/81	P	31	0	0	2048	0
01/01/82	P	31	0	0	1624	0
02/01/82	P	27	0	0	1086	0
03/01/82	P	25	0	15	2446	0
04/01/82	P	30	0	5	3108	0
05/01/82	P	31	10	5	3583	0
06/01/82	P	30	0	0	2098	0
07/01/82	P	31	0	0	2039	0
08/01/82	P	31	0	0	2227	0
09/01/82	P	30	0	0	2289	0
10/01/82	P	31	0	0	2249	0
11/01/82	P	30	0	0	2010	0
12/01/82	P	31	0	0	1967	0
01/01/83	P	31	0	0	1965	0
02/01/83	P	28	0	0	1836	0
03/01/83	P	31	0	0	2157	0
04/01/83	P	30	0	0	1762	0
05/01/83	P	31	0	0	2159	0
06/01/83	P	30	0	0	1868	0
07/01/83	P	31	0	0	4583	0
08/01/83	P	31	0	0	1831	0
09/01/83	P	30	0	0	1603	0
10/01/83	P	31	0	0	1716	0
11/01/83	P	30	0	0	1667	0
12/01/83	P	31	0	0	1830	0
01/01/84	P	31	0	0	1626	0
02/01/84	P	29	0	0	1579	0
03/01/84	P	31	0	0	1907	0
04/01/84	P	30	0	0	1647	0
05/01/84	P	31	0	0	1829	0
06/01/84	P	30	0	0	1909	0
07/01/84	P	31	0	0	2260	0
08/01/84	P	31	0	0	1975	0
09/01/84	P	30	0	0	1565	0
10/01/84	P	31	0	0	1529	0
11/01/84	P	30	0	0	1444	0
12/01/84	P	31	0	0	1341	0
01/01/85	P	31	0	0	1300	0

02/01/85	P	28	0	0	975	0
03/01/85	P	31	0	0	1361	0
04/01/85	P	30	0	0	1282	0
05/01/85	P	31	0	0	1295	0
06/01/85	P	30	0	0	1319	0
08/01/85	P	31	0	0	4002	0
09/01/85	P	30	0	0	1380	0
10/01/85	P	31	0	0	1179	0
11/01/85	P	30	0	0	1178	0
12/01/85	P	31	0	0	1182	0
01/01/86	P	31	0	0	814	0
02/01/86	P	28	0	0	949	0
03/01/86	P	31	0	0	975	0
04/01/86	P	30	0	0	918	0
05/01/86	P	31	0	0	922	0
06/01/86	P	30	0	0	442	0
07/01/86	P	31	0	0	1149	0
08/01/86	P	31	0	0	727	0
10/01/86	P	8	0	0	248	0
11/01/86	P	9	0	0	1114	0
12/01/86	P	31	0	0	1104	0
01/01/87	P	31	0	0	783	0
02/01/87	P	28	0	0	1062	0
03/01/87	P	31	0	0	1026	0
04/01/87	P	30	0	0	859	0
05/01/87	P	31	0	0	828	0
06/01/87	P	30	0	0	770	0
07/01/87	P	28	0	0	610	0
08/01/87	P	31	0	0	630	0
09/01/87	P	29	0	0	733	0
10/01/87	P	11	0	0	577	0
11/01/87	P	30	0	0	956	0
12/01/87	P	31	0	0	913	0
01/01/88	P	29	0	0	729	0
02/01/88	P	26	0	0	918	0
03/01/88	P	30	0	0	1026	0
05/01/88	P	31	0	0	885	0
06/01/88	P	15	0	0	333	0
07/01/88	P	31	0	0	67	0
08/01/88	P	24	0	0	1055	0
09/01/88	P	29	0	0	759	0
10/01/88	P	31	0	0	593	0
11/01/88	P	30	0	0	625	0
12/01/88	P	31	0	0	814	0
01/01/89	P	30	0	0	873	0
02/01/89	P	28	0	0	657	0
03/01/89	P	31	0	0	923	0
04/01/89	P	30	0	0	774	0
05/01/89	P	31	0	0	953	0
06/01/89	P	30	0	0	977	0
07/01/89	P	31	0	0	988	0
08/01/89	P	31	0	0	924	0
09/01/89	P	30	0	0	667	0
10/01/89	P	31	0	0	1039	0
11/01/89	P	30	0	0	849	0

12/01/89	P	31	0	0	846	0
01/01/90	P	31	0	0	1131	0
02/01/90	P	28	0	0	966	0
03/01/90	P	31	0	0	1125	0
04/01/90	P	30	0	0	681	0
05/01/90	P	31	0	0	881	0
06/01/90	P	30	0	0	765	0
07/01/90	P	31	0	0	748	0
08/01/90	P	31	0	0	792	0
09/01/90	P	30	0	0	725	0
10/01/90	P	25	0	0	690	0
11/01/90	P	29	0	0	775	0
12/01/90	P	31	0	0	767	0
01/01/91	P	30	0	0	733	0
02/01/91	P	28	0	0	788	0
03/01/91	P	20	0	0	830	0
04/01/91	P	30	0	0	722	0
05/01/91	P	28	0	0	689	0
06/01/91	P	30	0	0	660	0
07/01/91	P	31	0	0	685	0
08/01/91	P	31	0	0	668	0
09/01/91	P	30	0	0	663	0
10/01/91	P	31	0	0	741	0
11/01/91	P	30	0	0	628	0
12/01/91	P	31	0	0	674	0
01/01/92	P	31	0	0	593	0
02/01/92	P	1	0	0	77	0
04/01/92	P	22	0	0	502	0
05/01/92	P	30	0	0	669	0
06/01/92	P	30	0	0	638	0
07/01/92	P	31	0	0	616	0
08/01/92	P	31	0	0	647	0
09/01/92	P	30	0	0	553	0
10/01/92	P	31	0	0	636	0
11/01/92	P	30	0	0	649	0
12/01/92	P	28	0	0	439	0
01/01/93	P	31	0	0	466	0
02/01/93	P	1	0	0	31	0
08/01/93	P	25	0	0	357	0
09/01/93	P	28	0	0	435	0
10/01/93	P	28	0	0	470	0
11/01/93	P	30	0	0	407	0
12/01/93	P	31	0	0	480	0
01/01/94	P	21	0	0	307	0
02/01/94	P	26	0	0	403	0
03/01/94	P	31	0	0	441	0
04/01/94	P	29	0	0	451	0
05/01/94	P	22	0	0	364	0
06/01/94	P	28	0	0	446	0
07/01/94	P	31	0	0	504	0
08/01/94	P	31	0	0	442	0
09/01/94	P	30	0	0	386	0
10/01/94	P	29	0	0	389	0
11/01/94	P	30	0	0	533	0
12/01/94	P	29	0	0	471	0

01/01/95	P	29	0	0	529	0
02/01/95	P	28	0	0	388	0
03/01/95	P	30	0	0	518	0
04/01/95	P	30	0	0	513	0
05/01/95	P	31	0	0	515	0
06/01/95	P	30	0	0	501	0
07/01/95	P	29	0	0	495	0
08/01/95	P	27	0	0	456	0
09/01/95	P	30	0	0	441	0
10/01/95	P	25	0	0	347	0
11/01/95	P	30	0	0	433	0
12/01/95	P	29	0	0	373	0
01/01/96	P	27	0	0	495	0
02/01/96	P	29	0	0	389	0
03/01/96	P	31	0	0	421	0
04/01/96	P	30	0	0	369	0
05/01/96	P	31	0	0	419	0
06/01/96	P	30	0	0	410	0
07/01/96	P	28	0	0	375	0
08/01/96	P	28	0	0	533	0
09/01/96	P	21	0	0	338	0
10/01/96	P	29	0	0	403	0
11/01/96	P	30	0	0	405	0
12/01/96	P	29	0	0	245	0
01/01/97	P	31	0	0	392	0
02/01/97	P	28	0	0	317	0
03/01/97	P	30	0	0	351	0
04/01/97	P	30	0	0	333	0
05/01/97	P	28	0	0	270	0
06/01/97	P	29	0	0	224	0
07/01/97	P	31	0	0	340	0
08/01/97	P	26	0	0	298	0
09/01/97	P	27	0	0	270	0
10/01/97	P	30	0	0	301	0
11/01/97	P	30	0	0	340	0
12/01/97	P	31	0	0	307	0
01/01/98	P	31	0	0	309	0
02/01/98	P	28	0	0	329	0
03/01/98	P	31	0	0	311	0
04/01/98	P	30	0	0	387	0
05/01/98	P	30	0	0	376	0
06/01/98	P	30	0	0	340	0
07/01/98	P	31	0	0	384	0
08/01/98	P	28	0	0	381	0
09/01/98	P	30	0	0	416	0
10/01/98	P	31	0	0	407	0
11/01/98	P	27	0	0	357	0
12/01/98	P	31	0	0	393	0
01/01/99	P	30	0	0	339	0
02/01/99	P	28	0	0	249	0
03/01/99	P	29	0	0	400	0
04/01/99	P	30	0	0	311	0
05/01/99	P	30	0	0	381	0
06/01/99	P	24	0	0	326	0
07/01/99	P	29	0	0	409	0



08/01/99	P	30	0	0	332	0
09/01/99	P	26	0	0	247	0
10/01/99	P	28	0	0	313	0
11/01/99	P	30	0	0	370	0
12/01/99	P	31	0	0	364	0
01/01/00	F	31	0	0	335	0
02/01/00	F	29	0	0	305	0
03/01/00	F	28	0	0	284	144
04/01/00	F	28	0	0	240	140
05/01/00	F	28	0	0	226	91
06/01/00	F	21	0	0	209	104
07/01/00	F	31	0	0	332	177
08/01/00	F	31	0	0	266	111
09/01/00	F	30	0	0	276	126
10/01/00	F	29	0	0	297	0
11/01/00	F	27	0	0	321	186
12/01/00	F	31	0	0	333	178
01/01/01	F	24	0	0	502	262
02/01/01	F	28	0	0	305	0
03/01/01	F	31	0	0	266	111
04/01/01	F	24	0	0	277	157
05/01/01	F	31	0	0	412	257
06/01/01	F	26	0	0	299	169
07/01/01	F	29	0	0	346	196
08/01/01	F	29	0	0	310	165
09/01/01	F	30	0	0	439	289
10/01/01	F	30	0	0	402	247
11/01/01	F	30	0	0	432	282
12/01/01	F	31	0	0	464	309
01/01/02	F	31	0	0	643	488
02/01/02	F	28	0	0	582	442
03/01/02	F	31	0	0	384	229
04/01/02	F	30	0	0	364	214
05/01/02	F	31	0	0	353	198
06/01/02	F	30	0	0	283	133
07/01/02	F	31	0	0	348	193
08/01/02	F	31	0	0	358	203
09/01/02	F	30	0	0	346	196
10/01/02	F	31	0	0	385	230
11/01/02	F	30	0	0	302	152
12/01/02	F	31	0	0	583	428
01/01/03	F	31	0	0	320	165
02/01/03	F	28	0	0	385	245
03/01/03	F	31	0	0	397	242
04/01/03	F	30	0	0	376	226
05/01/03	F	31	0	0	414	259
06/01/03	F	30	0	0	348	198
07/01/03	F	31	0	0	394	239
08/01/03	F	31	0	0	363	208
09/01/03	F	29	0	0	370	225
10/01/03	F	31	0	0	389	234
11/01/03	F	30	0	0	555	405
12/01/03	F	31	0	0	547	392
01/01/04	F	31	0	0	523	368
02/01/04	F	27	0	0	467	332



API No. 23025200240000i							
Browning & Welch, No. 1 J.R. Hawkins et al							
Rea Sand Gas Pool							
		DAYS					
MM/DD/YY	STATUS	PRODUCED	OIL (bbls)	WATER (bbls)	GAS (mcf)	GAS TRANS (mcf)	
10/01/81	P	31	0	2	1343	0	
11/01/81	P	30	0	2	1250	0	
12/01/81	P	31	0	0	1289	0	
01/01/82	P	31	0	10	1040	0	
02/01/82	P	27	0	10	1379	0	
03/01/82	P	21	0	100	1654	0	
04/01/82	P	30	10	10	5659	0	
05/01/82	P	31	0	5	5869	0	
06/01/82	P	30	27	3	6126	0	
07/01/82	P	31	85	0	6031	0	
08/01/82	P	31	0	0	6775	0	
09/01/82	P	30	0	0	5998	0	
10/01/82	P	31	0	0	5762	0	
11/01/82	P	30	0	0	5712	0	
12/01/82	P	31	0	0	6040	0	
01/01/83	P	31	0	0	4495	0	
02/01/83	P	28	0	0	4430	0	
03/01/83	P	31	0	0	5214	0	
04/01/83	P	30	0	0	4963	0	
05/01/83	P	31	0	0	4664	0	
06/01/83	P	30	0	0	4301	0	
07/01/83	P	31	0	0	1875	0	
08/01/83	P	31	0	0	4669	0	
09/01/83	P	30	0	0	4970	0	
10/01/83	P	31	0	0	5343	0	
11/01/83	P	30	0	0	5533	0	
12/01/83	P	31	0	0	4689	0	
01/01/84	P	31	0	0	5135	0	
02/01/84	P	29	0	0	4409	0	
03/01/84	P	31	0	0	4904	0	
04/01/84	P	30	0	0	5051	0	
05/01/84	P	31	0	0	4966	0	
06/01/84	P	30	0	0	3514	0	
07/01/84	P	31	0	0	4229	0	
08/01/84	P	31	0	0	5161	0	
09/01/84	P	30	0	0	4975	0	
10/01/84	P	31	0	0	5021	0	
11/01/84	P	30	0	0	5025	0	
12/01/84	P	31	0	0	4746	0	
01/01/85	P	31	0	0	4337	0	
02/01/85	P	28	0	0	3940	0	
03/01/85	P	31	0	0	4921	0	
04/01/85	P	30	0	0	4846	0	
05/01/85	P	31	0	0	4657	0	
06/01/85	P	30	0	0	4067	0	
08/01/85	P	31	0	0	1266	0	
09/01/85	P	30	0	0	4211	0	
10/01/85	P	31	0	0	4461	0	
11/01/85	P	30	0	0	4676	0	
12/01/85	P	31	163	0	4895	0	
01/01/86	P	31	10	0	4595	0	
02/01/86	P	28	10	0	4021	0	
03/01/86	P	31	10	0	4515	0	
04/01/86	P	30	10	0	4293	0	
05/01/86	P	31	10	0	4018	0	
06/01/86	P	30	10	0	1739	0	
07/01/86	P	31	10	0	4702	0	
08/01/86	P	31	10	0	3773	0	
09/01/86	P	30	10	0	4195	0	
10/01/86	P	31	10	0	4150	0	

11/01/86	P	30	10	0	3286	0
12/01/86	P	31	0	0	4263	0
01/01/87	P	31	5	0	3934	0
02/01/87	P	28	5	0	3644	0
03/01/87	P	31	5	0	3559	0
04/01/87	P	30	5	0	3607	0
05/01/87	P	31	5	0	3728	0
06/01/87	P	30	5	0	3839	0
07/01/87	P	28	5	1	3379	0
08/01/87	P	31	5	1	3440	0
09/01/87	P	29	5	1	3454	0
10/01/87	P	11	5	0	2218	0
11/01/87	P	30	5	1	3591	0
12/01/87	P	31	5	1	3318	0
01/01/88	P	29	5	1	3547	0
02/01/88	P	29	5	1	3823	0
03/01/88	P	31	5	1	4269	0
05/01/88	P	31	5	1	3569	0
06/01/88	P	15	5	1	1557	0
07/01/88	P	31	5	1	3112	0
08/01/88	P	24	5	1	7309	0
09/01/88	P	30	5	1	6452	0
10/01/88	P	31	5	0	5865	0
11/01/88	P	30	5	5	6454	0
12/01/88	P	31	0	5	7527	0
01/01/89	P	31	0	0	6829	0
02/01/89	P	28	0	2	5993	0
03/01/89	P	31	0	2	6270	0
04/01/89	P	30	0	2	6102	0
05/01/89	P	31	0	2	5987	0
06/01/89	P	30	0	2	5780	0
07/01/89	P	31	0	2	6279	0
08/01/89	P	31	0	2	6087	0
09/01/89	P	30	0	2	5747	0
10/01/89	P	31	0	2	5910	0
11/01/89	P	30	0	2	5360	0
12/01/89	P	31	0	2	5242	0
01/01/90	P	31	0	2	5373	0
02/01/90	P	28	0	2	4996	0
03/01/90	P	31	0	2	5122	0
04/01/90	P	30	0	2	5375	0
05/01/90	P	31	0	2	5491	0
06/01/90	P	30	0	2	5053	0
07/01/90	P	30	0	2	5135	0
08/01/90	P	31	0	1	5323	0
09/01/90	P	30	0	1	4989	0
10/01/90	P	25	0	0	3742	0
11/01/90	P	30	0	0	5618	0
12/01/90	P	31	0	0	5120	0
01/01/91	P	31	0	0	4797	0
02/01/91	P	28	0	0	4247	0
03/01/91	P	31	0	0	4708	0
04/01/91	P	30	63	0	4743	0
05/01/91	P	29	7	0	4594	0
06/01/91	P	30	7	0	4871	0
07/01/91	P	31	7	0	4643	0
08/01/91	P	31	7	0	4752	0
09/01/91	P	30	7	0	4493	0
10/01/91	P	31	6	0	4784	0
11/01/91	P	30	6	0	4647	0
12/01/91	P	31	6	0	4761	0
01/01/92	P	31	6	0	4212	0
02/01/92	P	29	5	0	5256	0
03/01/92	P	31	5	0	5197	0
04/01/92	P	30	6	0	4423	0

05/01/92	P	30	6	0	4545	0
06/01/92	P	30	6	0	4525	0
07/01/92	P	31	6	0	4858	0
08/01/92	P	31	5	0	4875	0
09/01/92	P	30	6	0	4523	0
10/01/92	P	31	6	0	4772	0
11/01/92	P	30	5	0	4440	0
12/01/92	P	27	6	0	4709	0
01/01/93	P	31	6	0	4528	0
02/01/93	P	28	6	0	4191	0
03/01/93	P	30	6	0	4782	0
04/01/93	P	30	6	0	4732	0
05/01/93	P	31	6	0	4887	0
06/01/93	P	27	6	0	4670	0
07/01/93	P	28	5	0	4692	0
08/01/93	P	31	6	0	4775	0
09/01/93	P	30	6	0	4526	0
10/01/93	P	30	6	0	4636	0
11/01/93	P	30	6	0	4381	0
12/01/93	P	31	6	0	4372	0
01/01/94	P	21	6	0	4347	0
02/01/94	P	26	6	0	4056	0
03/01/94	P	31	6	0	4225	0
04/01/94	P	29	6	0	3953	0
05/01/94	P	22	6	0	3838	0
06/01/94	P	28	6	0	4299	0
07/01/94	P	31	6	0	4310	0
08/01/94	P	31	5	0	4246	0
09/01/94	P	30	5	0	3974	0
10/01/94	P	29	6	0	4318	0
11/01/94	P	30	6	0	4815	0
12/01/94	P	29	6	0	4338	0
01/01/95	P	29	6	0	4388	0
02/01/95	P	28	6	0	4099	0
03/01/95	P	30	6	0	4373	0
04/01/95	P	30	6	0	4601	0
05/01/95	P	31	6	0	4779	0
06/01/95	P	30	6	0	4344	0
07/01/95	P	29	6	0	4345	0
08/01/95	P	27	6	0	4531	0
09/01/95	P	30	4	0	4286	0
10/01/95	P	25	6	0	3746	0
11/01/95	P	30	6	0	3997	0
12/01/95	P	29	6	0	3626	0
01/01/96	P	27	6	0	3832	0
02/01/96	P	29	6	0	3325	0
03/01/96	P	31	6	0	3560	0
04/01/96	P	30	6	0	3676	0
05/01/96	P	31	6	0	3504	0
06/01/96	P	30	6	0	3671	0
07/01/96	P	28	6	0	3370	0
08/01/96	P	28	6	0	3561	0
09/01/96	P	21	6	0	3348	0
10/01/96	P	29	6	0	3690	0
11/01/96	P	30	6	0	3544	0
12/01/96	P	29	6	0	3604	0
01/01/97	P	31	6	0	3546	0
02/01/97	P	28	6	0	2962	0
03/01/97	P	30	6	0	3281	0
04/01/97	P	30	6	0	3147	0
05/01/97	P	28	6	0	3152	0
06/01/97	P	29	6	0	3066	0
07/01/97	P	31	6	0	2956	0
08/01/97	P	26	6	0	2867	0
09/01/97	P	27	6	0	2800	0

10/01/97	P	30	6	0	2713	0
11/01/97	P	30	6	0	2773	0
12/01/97	P	31	6	0	2674	0
01/01/98	P	31	6	0	2411	0
02/01/98	P	28	0	0	2010	0
03/01/98	P	31	6	0	2310	0
04/01/98	P	30	6	0	2464	0
05/01/98	P	30	5	0	2882	0
06/01/98	P	30	6	0	2511	0
07/01/98	P	31	6	0	2500	0
08/01/98	P	28	6	0	2385	0
09/01/98	P	30	6	0	2340	0
10/01/98	P	31	7	0	2335	0
11/01/98	P	27	6	0	2297	0
12/01/98	P	31	6	0	2222	0
01/01/99	P	30	6	0	2002	0
02/01/99	P	28	6	0	2204	0
03/01/99	P	29	6	0	2120	0
04/01/99	P	30	6	0	1768	0
05/01/99	P	30	6	0	1808	0
06/01/99	P	24	6	0	2025	0
07/01/99	P	29	0	0	2197	0
08/01/99	P	30	6	0	1810	0
09/01/99	P	26	6	0	17	0
10/01/99	P	28	6	0	1944	0
11/01/99	P	30	6	0	1998	0
12/01/99	P	31	6	0	1991	0
01/01/00	F	31	6	0	1902	0
02/01/00	F	29	6	0	1696	0
03/01/00	F	28	6	0	1753	1613
04/01/00	F	28	6	0	1769	1629
05/01/00	F	28	6	0	1284	1149
06/01/00	F	21	6	0	1359	1254
07/01/00	F	31	6	0	1650	1495
08/01/00	F	31	6	0	1277	1122
09/01/00	F	30	6	0	1245	1095
10/01/00	F	29	6	0	1417	0
11/01/00	F	27	6	0	1518	1383
12/01/00	F	31	6	0	1430	1275
01/01/01	F	24	6	0	1627	1387
02/01/01	F	28	6	0	1089	949
03/01/01	F	31	6	0	989	834
04/01/01	F	24	6	0	1359	1239
05/01/01	F	31	6	0	1978	1823
06/01/01	F	26	5	0	1418	1288
07/01/01	F	29	5	0	1423	1273
08/01/01	F	29	5	0	1370	1225
09/01/01	F	30	6	0	1559	1409
10/01/01	F	31	6	0	1810	1655
11/01/01	F	30	6	0	1979	1829
12/01/01	F	31	6	0	1761	1606
01/01/02	F	31	6	0	1396	1241
02/01/02	F	28	6	0	1234	1094
03/01/02	F	31	6	0	1280	1125
04/01/02	F	30	6	0	1471	1321
05/01/02	F	31	6	0	1380	1225
06/01/02	F	30	6	0	1451	1301
07/01/02	F	31	0	0	1506	1351
08/01/02	F	31	0	0	1706	1551
09/01/02	F	30	0	0	1595	1445
10/01/02	F	31	0	0	1705	1550
11/01/02	F	30	0	0	1753	1603
12/01/02	F	31	0	0	1765	1610
01/01/03	F	31	0	0	1903	1748
02/01/03	F	28	0	0	1405	1265



APPLICATION FC TERMIT TO DRILL, WORKOVER OF HANGE OPERATOR

APPLICATION TO DRILL I.L. <sup>0157</sup>  WORKOVER  CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR Bruxoil, Inc.				DATE 11-6-00	
ADDRESS P.O. Box 16929		CITY Jackson		STATE ZIP MS 39236	
NAME OF WELL E.M. Jarrett		WELL NO. 1		ELEVATION (GROUND) 215'	
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 1781' FEL & 660' FNL of SE/4				CIRCLE TYPE OF PROPOSED WELL OIL GAS OTHER INAMEI	
SECTION 25 TOWNSHIP 16S RANGE ^E				APPROX. DATE WORK BEGINS 11-8-00	
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Siloam - Carter			COUNTY Clay		
PROPOSED DEPTH 9715 (Actual) FEE	PROPOSED LENGTH OF SURFACE CASING 1539 (Actual) FEE	NUMBER OF ACRES IN DRILLING UNIT 640 ACRE	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE 2000 FEE	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING. COMPLETED OR APPLIED FOR WELL 4100 FEET	
NAME OF DRILLING CONTRACTOR Rapid Oilfield Services, Inc.					
ADDRESS P.O. Box 4240		CITY Laurel		STATE ZIP MS 39441	
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FORMER OPERATOR REQUIRED FOR TRANSFER OF WELL					
AUTHORIZED REPRESENTATIVE SIGNATURE			NAME OF FORMER OPERATOR		
H <sub>2</sub> S OPERATIONS (FOR STAFF USE ONLY)					
FORM 19: DATE REQUESTED		DATE RECEIVED		OTM/TMTM	
CONTINGENCY PLAN: DATE RECEIVED			DATE APPROVED		
NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH. State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202.601-354-7142					
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)  Remove 2 7/8" tubing; Replace with 2 3/8" tubing. Bail sand from bottom of hole and install plunger lifter. Present Producing Zone & Expected New Producing Zone - 8528' - 8597'					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)		YES X	NO	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)	
				YES X	NO

RECEIVED  
NOV 11 2000  
STATE OIL & GAS BOARD

EXECUTED THIS THE 6<sup>th</sup> DAY OF NOVEMBER 2000  
STATE OF Mississippi  
COUNTY OF Hinds *David K Brooks*  
SIGNATURE OF AFFIANT

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED David K Brooks KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN. AND THAT SAID REPORT IS TRUE AND CORRECT.  
SUBSCRIBED AND SWORN TO BEFORE ME THIS 6th DAY OF November 2000  
SEAL *David M. Pantel*  
NOTARY PUBLIC IN AND FOR Hinds  
COUNTY Mississippi ppi

MY COMMISSION EXPIRES 6-16-01  
PERMIT NUMBER 2001 WOP 047  
APPROVAL DATE 1-2-2001  
APPROVED BY S.S.

MISSISSIPPI STATE OIL AND GAS BOARD  
FORM 2 (Rev. 4/90)  
STATE COUNTY WELL

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.



**OPERATOR' CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL OR GAS FROM DRILLING UNIT**

Lease <b>Jarrett et al</b>	Field <b>Siloam</b>	Reservoir <b>Carter</b>
Survey or Sec-Twp-Rge <b>Sec. 25, T-16-S, R-5-E</b>	County <b>Clay</b>	State <b>Mississippi</b>
Operator <b>Shell Oil Company</b>		

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

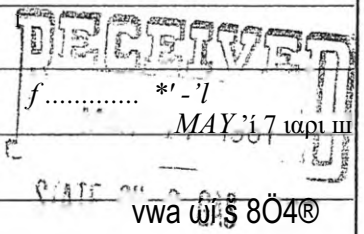
Street <b>P. O. Box 1817</b>	City <b>Jackson</b>	State <b>Mississippi</b>
Above named operator authorizes (name of transporter) <b>Texas Eastern Transmission Company</b>		
Transporter's street address <b>P. O. Box 2521</b>	City- <b>Houston</b>	State <b>Texas</b>
Field address <b>P. O. Box 1612 - Shreveport, Louisiana</b>		

Oil, condensate, gas well gas, casinghead gas

To transport **100** % of the **Gas Well gas** from said drilling unit

OTHER GATHERERS TRANSPORTING FROM THIS DRILLING UNIT ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported
<del>Shell Oil Company</del>	<del>100</del>	<del>Gas well gas</del>



Indicate whether or not this certificate is for a new drilling unit. If not a new drilling unit, indicate whether or not it is a change of operator, change of drilling unit name, change of gatherer, and give effective date of change.

New Well Permit No. 42. Completed 1/29/58. Production gauge: 38 barrels condensate, 3364 MCF gas.

The undersigned certifies that the rules and regulations of the Mississippi State Oil and Gas Board have been complied with in drilling and producing operations on this drilling unit, except as noted above, and that\* the\* above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described drilling unit, and that this authorization will be valid until further notice or until cancelled by the State Oil and Gas Board.

Executed this the 9th day of May, 1961 M&V

State of MISSISSIPPI )  
County of Hinds )

*O. Pt Hutto*  
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared O. Pt Hutto known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 9th day of May, 1961

SEAL My commission expires AUG 29 62

*J. Badner*  
Notary Public in and for Hinds County, Mississippi

Approved: May 1961 / fkl  
STATE OIL AND GAS BOARD  
By H. M. MORSE / By [Signature]

MISSISSIPPI STATE OIL AND GAS BOARD  
Operator's Certificate of Compliance & Authorization to  
Transport Oil or Gas from Drilling Unit  
FORM 8 - IOCC P-17  
Authorized by Order No. 118-58 Effective November 1, 1958

CAPACITY TEST REPORT  
BACK PRESSURE TEST OF GAS WELL  
OPEN FLOW POTENTIAL TEST

DATE 5-8-58, 19.58

OPERATOR SHELL OIL COMPANY FTET.D SILOAM COUNTY CLAY

ADDRESS BOX 727 CITY JACKSON STATE MISSISSIPPI

LEASE JARRETT ET AL WELL No. \_\_\_\_\_ ACRES IN UNIT 374

SE/

LOCATION... 1781' from East line & 660' from North line of IEC 25 T -16-S R -5-E

RESERVOIR Carter Sandstone PRODUCING INTERVAL 85 36-65 ; 8603-20

-----5 -1/21 CASING @ 8769 FEET; 2-7/8" & 2-3/8" TUBING @ 8461 FEET.

CRITICAL FLOW PROVER OR ORIFICE METER Orifice Meter GR OF GAS 0.599 @ 60°

VOLUME CALCULATIONS

RATE No.	PLATE & LINE	CHOKE SIZE	LINE TEMP. °F.	G. O. R. C F P D	COEFF., 24 HR.	DIFF. PRES., "He	STATIC PRES., LB.	VOLUME MCF/24 HRS.
1	3.5"X 1.5'	11/64	100	159,555		20	475	1,436
2	3.5"X 1.5"	14/64	98	149,885		58	5.30	2,623
3	3.5"X 2"	16/64	100	187,216		20	670	3,295
4								

PRESSURE CALCULATIONS

RATE No.	TUBING PRES., P S I	CASING PRES., P S I	CORR. FACTOR	B. H. P. P S I	p <sup>2</sup>	Pc <sup>2</sup> - Pw <sup>2</sup>
STATIC	2873	Sealed		3569	12,743	---
1	2552	Sealed		3139	9,852	2,891
2	2205	Sealed		2782	7,733	5,010
3	2005	Sealed		2558	6,540	6,203
4						

BOTTOM HOLE PRESSURES CORRECTED TO 8327 FT. SUBSEA

OPEN FLOW CAPACITY 6.400 MCF PER 24 HRS.

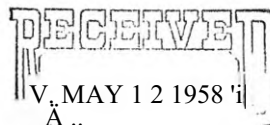
REMARKS : Elevation D. F. - 214\*

SIGNATURES

(Instructions)  
File one copy and attach  
back pressure curve.

OIL AND GAS BOARD- \_\_\_\_\_

SHELL OIL COMPANY. W. Williams



MISSISSIPPI OIL & GAS BOARD

23-025-00008

# MISSISSIPPI OIL AND GAS BOARD

Form No. 3  
(Rev. - 51)

## WELL COMPLETION REPORT (File in Duplicate)

Permit No. à

OPERATOR SHELL OIL COMPANY FIELD" SILOAM  
 STREET P. O. BOX 727 POOT, Carter Sand'  
 CITY Jackson STATE Mississippi COUNTY Clay  
 LEASE NAME Jarrett Et Al WELL No. 1 ACRES IN UNIT 37.4  
 LOCATION 1781 Feet from East Line and 60 feet from North Line of Southeast Quarter of  
SEC. 25 TWP. 16-S RGE. 5-E  
 ELEVATION DF214 GRJM DATE SPUDDED 8-29 1957 COMP. DATE 1-9 1958  
 TOTAL DEPTH FINAL ELECTRICAL LOG TO 9715 DATE RUN 1-10 1958  
 NUMBER OF CRUDE OIL PRODUCING WELLS ON THIS LEASE, INCLUDING THIS WELL 2

### OFFICIAL COMPLETION GAUGE

Date Test Commenced 7:00 AM 3-19 19 58 Completed 7:00 A M 3-20 1958  
 Produced----- Z-----barrels of oil in 0 1/2 hours 0 minutes  
 At the rate of----- Z net bbls, oil per 24 hours plus Q 1, % BS&W  
 API Gravity @ 60° F. 54.3° Gas/Oil Ratio 6JL Bbl/MCF (See Appendix)  
 For Flowing Well: For Pumping Well:  
 Flowing Pressure: Tbg 2230 psi Csg. Sealed psi Length of Stroke rar in.  
 Choke diam. Adj in. Type--- Length ----- in. Strokes per min-----  
 Shut-in tbg. Pr-----2900 psi. if gas lift, number gas valves Diam. working bbl. r zr in.  
 used-----r"----- Cu. Ft. Gas Per Net Bbl. Oil ----- Pumping depth I  
 If tubing packer used, set at 8348 ft.  
 If completed in open hole, net pay open to production from-----to -----  
 Name of Pipe Line or other carrier No outlet  
 If gas well, Form 4 must be filed in addition to Form 3.

### CASING, LINER AND TUBING RECORD

Siring	Size	Wi./Fi.	Grade	No. Jis.	Name and Type	Ami. Ft.	Depth Sei
<u>Surface</u>	<u>10-3/4"</u>	<u>40.5 #</u>	<u>N-80 4T-55</u>	<u>44</u>	<u>8RD, SMLS</u>	<u>1521</u>	<u>1539</u>
<u>Production</u>	<u>5-1/2"</u>	<u>17 #</u>	<u>N - 80</u>	<u>208</u>	<u>8RD, SMLS</u>	<u>8751</u>	<u>8769</u>
<u>Tubin#</u>	<u>2-7/8"</u>	<u>6.5 #</u>	<u>J - 55</u>	<u>282</u>	<u>8RD, HYDRIL</u>	<u>8443</u>	<u>8461</u>
	<u>2-3/8"</u>	<u>M #</u>	<u>J - 55</u>	<u>4</u>	<u>8RD, EUE</u>		

### CEMENT AND TESTING RECORD

Hole Size	String	Where Cement Placed	No. Sks.	Type Cement	Pr. Applied In Testing
<u>15 "</u>	<u>Surface</u>	<u>Annulus</u>	<u>600</u>	<u>Common</u>	<u>1200</u>
<u>8-3/4'</u>	<u>1 Production</u>	<u>Annulus</u>	<u>500</u>	<u>50/50 Pozmix / 2^ Gel 5500</u>	

### PERFORATING, CHEMICAL AND EXPLOSIVE RECORD

Date	Type and Size of Shot, Chemical or Explosive	Quantity (No. shots, gals, or qts.)	From	To
<u>1-18-58</u>	<u>1/2" Jets 23Z 853, 85, 5</u>			
<u>1-18-58</u>	<u>1/2" Jets 136 8603</u>			<u>8620</u>
<u>1-23-58</u>	<u>Acid Frac</u>	<u>30,000 Gallons</u>	<u>8536</u>	<u>8565</u>
<u>1-23-58</u>	<u>Acid Frac</u>	<u>30,000 Gallons</u>	<u>8603</u>	<u>8620</u>

### AFFIDAVIT

I, RZW ab, being first duly sworn on oath state that I have knowledge of the facts and matters herein set forth and that the same are true and correct.

RZW ab  
Representative of Operator

Exploitation Engineer, Title

Subscribed and sworn to before me, this 12<sup>th</sup> day of DECEMBER, 1958

COUNTY OF Hinds STATE OF Mississippi

III DIL & III BGARD

23-025-00008

CORE AD OPEN HOLE DRILL STEM TEST x.JCORD

(Give depths, recovery)

(Give interval tested)

Depth	Dev.	Depth	Dev.	Depth	Dev.
125	" 1/4	4900	>3/4	7361	3
369	1/2	4981	3-1/2	7438	3
605	1/4	5112	3-1/4	7788	1-1/2
850	1/4	5149	3-3/4	7897	1-1/2
1132	1/2	5178	3-3/4	7948	1-1/4
1301	1-1/4	5246	3-1/2	7993	1-3/4
1416	1	5324	3-1/2	8045	3/4
1461	1-1/2	5360	3-3/4	8117	1-1/2
1530	1-1/2	5400	4	8217	3/4
1555	1-1/4	5425	4	8305	1
1592	1	5518	3-1/2	8437	1-1/4
1655	3/4	5630	3-3/4	8659	1
1788	1/2	5722	3	8742	1-1/4
1904	0	5789	3-1/2	8808	1-3/4
2100	1-1/4	5812	3-1/2	8867	1
2160	1-1/4	5912	3-1/4	8919	3/4
2250	1-1/4	6045	3-3/4	8965	1-1/4
2319	1-1/4	6121	3-3/4	9068	1
2408	1-1/2	6193	3-3/4	9149	1-1/4
2489	2	6230	4	9462	2
2500	2-1/4	6250	4	9602	2
2535	2-1/4	6346	4-1/2	9708	2
2570	2-1/4	6359	4-1/2		
2600	2-1/4	6377	4-1/4		
2661	2	6422	4		
2677	2-1/4	6474	4-1/4		
2682	2-1/4	6537	4		
2722	2-1/2	6602	4-1/4		
2750	2-1/4	6655	4-1/4		
2785	2-1/2	6746	3-3/4		
2800	2-1/2	6818	3-3/4		
2832	2-1/2	6977	3-3/4		
2857	2-1/2	7063	3		
2877	2-1/2	7092	3		
2899	2-1/2	7180	2-3/4		
2920	2-3/4	7220	3		
2956	2-1/2	7283	3		
2993	2-1/4				
3021	2-1/2				
3056	2-3/4				
3079	2-1/4				
3159	2-3/4				
3210	2-1/2				
3280	2-1/4				
3330	2-1/4				
3370	1-3/4				
3455	2-1/4				
3525	2-3/4				
3555	2-3/4				
3620	3				
3672	3				
3712	3				
3742	3"				
3803	3				
3870	3				
3905	3				
3948	3-1/4				
4002	3 -				
4037	3				
4095	3				
4165	3				
4254	3-3/4				
4274	3-3/4				
4293	3-3/4				
4373	3-3/4				
4417	3-1/4				
4501	3-3/4				
4560	3-1/2				
4648	3-3/4				
4714	3-3/4				
4800	3-3/4				
1863	4				

CORE #1, 8518 - 8548 ( 30' ) recovered 27' being 4' Shale & 23' Sandstone.  
 CORE #2, 8568'-8605' ( 37' ) recovered 37-5' being 13' Shale & 24' Sandstone  
 DST #1, 4402'-4504' (102') recovered 10 feet of mud. .  
 DST #2, 5135'-5180' ( 45' ) recovered 10 feet of mud. . .  
 DST #3, 8525'-8565' ( 40' ) Flowed gas at unestimated rate. Recovered 4 bbls,  
 gas cut mud.  
 DST #4, 8597'-8699' (102') Flowed gas at unestimated rate. Recovered 0.9  
 barrels mud.  
 DST #5, 8695'-8921' (226') Flowed gas at unestimated rate. Recovered 0.7  
 barrels mud.  
 DST #6, 8966-9019 (53' ) Recovered 0.2 barrels mud.  
 DST #7, 9264-9404 (140' ) Recovered 0.7 barrels mud.

DRILLERS LOG

To be filed in absence of electrical or radioactivity log  
(See Rule 24) (Use extra sheet(s) if necessary)

From	To	Formation & Character	From	To	Formation & Character

ELECTRIC LOG ATTACHEED

If electrical survey is run, a copy must be filed with Form 3  
(See Rule 24)

APPLICATION FO4 PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR

2960

APPLICATION TO DRILL

WORKOVER

CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR <b>Brucoil, Inc.</b>			DATE 4/1/05		
ADDRESS P.O. Box 16929		CITY Jackson		STATE MS 3^36	
NAME OF WELL Rogers		WELL NO. 1		ELEVATION (GROUND)	
WELL LOCATION (WHEN POSSIBLE, GIVE FOOTAGE FROM SECTION LINES) 1600 fwl & 1000' fnl					
FIELD & RESERVOIR (IF WILDCAT, SO STATE) Siloam - Carter			COUNTY Clay		APPROX. DATE WORK BEGINS 4/7/05
PROPOSED DEPTH PTD 8773	PROPOSED LENGTH OF SURFACE CASING 2149	NUMBER OF ACRES IN DRILLING UNIT 640	DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING UNIT LINE		
NAME OF DRILLING CONTRACTOR Thompson Services, Inc.			ADDRESS P.O. Box 154 CITY Hamilt		
FOR CHANGE OF OPERATOR ONLY - SIGNATURE OF FO					
AUTHORIZED REPRESENTATIVE SIGNATURE					
H <sub>2</sub> S OPERATIONS (FOR STAFF USE ONLY)					
FORM 19	DATE REQUESTED	DATE RECEIVED	DATE APPROVED		
CONTINGENCY PLAN	DATE RECEIVED	DATE APPROVED			
NOTE: NOTIFY AREA FIELD INSPECTOR OR FIELD DIRECTOR (JACKSON OFFICE) OF DATES OF SPUDDING AND REACHING TOTAL DEPTH. State Oil and Gas Board, 500 Greymont Avenue, Suite E, Jackson, MS 39202, 601-354-7142					
REMARKS: (IF THIS IS AN APPLICATION TO WORKOVER, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE)  Set packer at 8620'. Perforate lower Carter in the intervals (8629-8640' & 8643-8658') and complete as a single producer from the lower Carter.					
ARE THERE SEPARATELY OWNED TRACTS OR INTERESTS IN THE DRILLING UNIT FOR WHICH THIS PERMIT IS SOUGHT? (REF. MS. STATUTE 53-3-7)		YES	NO	IF YES, HAVE THE PERSONS OWNING THE DRILLING RIGHTS IN SAID TRACTS OR INTERESTS AND THE RIGHTS TO SHARE IN THE PRODUCTION THEREFROM AGREED TO DEVELOP THEIR LANDS AS A DRILLING UNIT AND TO THE DRILLING OF THE WELL? (REF. MS. STATUTE 53-3-7)	
YES	NO	YES	NO		

**INSPECTOR**  
**RONALD L. JACKSON**  
RECORDER #662-282.7030  
41227  
MOBILE #662-81V

**RECEIVED**  
STATE OIL & GAS BOARD

EXECUTED THIS THE 1st DAY OF April, 2005.  
STATE OF Mississippi  
COUNTY OF Hinds

*Raymond A. Helfrich*  
SIGNATURE OF APPLICANT

**Raymond A. Helfrich** KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE ABOVE INSTRUMENT, WHO BEING BY ME DULY SWORN ON OATH, STATES THAT HE IS DULY AUTHORIZED TO MAKE THE ABOVE REPORT AND THAT HE HAS KNOWLEDGE OF THE FACTS STATED THEREIN, AND THAT SAID REPORT IS TRUE AND CORRECT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 1st DAY OF April, 2005.

SEAL

*Dorothy M. Parker*  
NOTARY PUBLIC IN, AND FOR Hinds COUNTY Mississippi

MY COMMISSION EXPIRES \_\_\_\_\_

PERMIT NUMBER 2005-WOP-103  
APPROVAL DATE 4-4-05  
APPROVED BY 2-2

MISSISSIPPI STATE OIL AND GAS BOARD  
FORM 2 (Rev. 4/90)  
A.P. I. WELL NUMBER \_\_\_\_\_  
STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ WELL \_\_\_\_\_

NOTICE: BEFORE SENDING THIS FORM, BE SURE THAT ALL INFORMATION REQUESTED IS GIVEN. SEE INSTRUCTIONS ON REVERSE SIDE OF FORM.

**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>Shell Oil Company</b>		Address <b>P. O. Box 1817, Jackson, Mississippi</b>			
Lease Name <b>Rogers et al "R" Sand Unit</b>		Well Number <b>1</b>	Field & Reservoir <b>Siloam - Carter Sand</b>		
Location <b>1000<sup>r</sup> FNL and 1650* FWL of Section 6, T-17-S, R-6-E</b>					Sec.—TWP-Range or Block & Survey
County <b>Clay</b>	Permit number <b>471</b>	Date Issued <b>3-9-62</b>	Previous permit number <b>-</b>	Date Issued <b>-</b>	
Date spudded <b>6-I-62</b>	Date total depth reached <b>6-30-62</b>	Date completed, ready to produce <b>7-22-62</b>	Elevation H&C RKB <b>206</b> feet	Elevation of casing hd. flange <b>196</b> feet	
Total depth <b>8,800</b>	I.P.B.T.D. <b>8,723</b>	Single, dual or triple completion? <b>Single</b>		If this is a dual or triple completion, furnish separate report for each completion. —	
Producing interval (s) for this completion <b>8,611 - 8,619</b>		Rotary tools used (interval) <b>0 - 8,800</b>		Cable tools used (interval) <b>-</b>	
- Was this well directionally drilled? Was directional survey made? <b>No</b>		Was copy of directional survey filed? <b>-</b>		Date filed <b>-</b>	
Type of electrical or other logs run (check logs filed with the commission) <b>Induction, Temperature, and Gamma Ray</b>				Date filed <b>9-13-62</b>	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12 1/4"	9 5/8"	36	2,149	300	0
Production	7 7/8"	4 1/2"	11.6	8,759	300	0

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2 3/8 I"	8578 ft.	8567 ft.	- in.	- ft.	- ft.	-	-

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
1	3/4" Jets	B61T - B619	31,000 gal. waterfrac / 2000 gal. MCA	8611 - 8619

INITIAL PRODUCTION

Date of first production <b>7-26-62</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): <b>Flowing</b>				
Date of test <b>9-5-62</b>	Hrs. tested <b>24</b>	Choke size <b>1"</b>	Oil prod. during test <b>-</b> bbls.	Gas prod. during test <b>250</b> MCF	Water prod. during test <b>3</b> bbls.	Oil gravity <b>-</b> ° API (Corr)
Tubing pressure <b>50</b>	Casing pressure <b>0</b>	Cal'ated rate of Production per 24 hrs.	Oil <b>-</b> bbls.	Gas <b>250</b> MCF	Water <b>3</b> bbls.	Gas—oil ratio <b>-</b>

Disposition of gas (state whether vented, used for fuel or sold):

**Sold to Texas Eastern**

Executed this the 12<sup>th</sup> day of September, 1962

State of Mississippi  
County of Hinds

Before me, the undersigned authority, on this day personally appeared R. L. Walz known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 12<sup>th</sup> day of September, 1962

SEAL  
My commission expires August 29 1966

Signature of Affiant  
R. L. Walz  
Notary Public in and for Hinds  
County, Mississippi

**Casing tests as required by Statewide Rules 11 and 12 must be made.**

MISSISSIPPI STATE OIL AND GAS BOARD  
Well Completion or Recompletion Report and Well Log

FORM 3 - IOCC P-7

**OPERATOR CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL OR GAS FROM DRILLING UNIT**

Lease <b>Rogers et al "R" Sd. Un. No.</b>	Field <b>L Siloam</b>	Reservoir <b>Carter</b>
Survey or Sec-Twp-Rge <b>Sec. 6, T-17-S, R-6-E</b>	County <b>Clay</b>	State <b>Mississippi</b>
Operator <b>Shell Oil Company</b>		

ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:

Street <b>P. O. Box 1817</b>	City <b>Jackson</b>	State <b>Mississippi</b>
Above named operator authorizes (name of transporter) <b>Texas Eastern Transmission Company</b>		
Transporter's street address <b>P. O. Box 2521</b>	City <b>Houston</b>	State <b>Texas</b>
Field address <b>P. O. Box 1612, Shreveport, Louisiana</b>		

Oil, condensate, gas well gas, casinghead gas

TO transport	<b>100</b>	% of the	<b>gas well gas</b>	from said drilling unit.*
--------------	------------	----------	---------------------	---------------------------

OTHER GATHERERS TRANSPORTING FROM THIS DRILLING UNIT ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported
<b>Shell Oil Company</b>	<b>100</b>	<b>Gas well gas</b>

Indicate whether or not this certificate is for a new drilling unit. If not a new drilling unit, indicate whether or not it is a change of operator, change of drilling unit name, change of gatherer, and give effective date of change. Completed 9-5-62.

**Production Gauge: 250 MCF gas. New well permit No. 471.**

The undersigned certifies that the rules and regulations of the Mississippi State Oil and Gas Board have been complied with in drilling and producing operations on this drilling unit, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described drilling unit, and that this authorization will be valid until further notice or until cancelled by the State Oil and Gas Board.

Executed this the 5<sup>th</sup> day of September, 1962  
 State of MISSISSIPPI  
 Counts' of/ \_\_\_\_\_  
 Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_  
 person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.  
 Subscribed and sworn to before me this 5 th day of September, 1962  
 SEAL \_\_\_\_\_  
 My commission expires AUGUST 29-1966 Notary Public in and for \_\_\_\_\_  
 County, MISSISSIPPI

Approved September 6, 1962  
 STATE OIL AND GAS BOARD  
 By H. M. MORSE / BY [Signature]

MISSISSIPPI STATE OIL AND GAS BOARD  
 Operator's Certificate of Compliance & Authorization to  
 Transport Oil or Gas from Drilling Unit  
 FORM 8 - IOCC P-17  
 Authorized by Order No. 118-58 Effective November 1, 1958

PACKER LEAKAGE TEST

Field Name: Siloam County: Clay

Operator: Shell Oil Company Address: P. O. Box 1817 - Jackson, Mississippi

Lease: Federal Land Bank et al Well Number: 1 Location: Section 31, T-16-S, R-6-E

TEST NO. 1

Date	Well Shut In Time	Completion Producing (Indicate Casing or Tubing)	Reservoir	Completion Shut In (Indicate Casing or Tubing)	Reservoir
12-30-60	2:45 P.M.	Casing	Penn.	Tubing	Carter

DATA ON PRODUCING COMPLETION

Stabilized Shut in Pressure Prior to Test (P.S.I.)	Producing Completion—Well Opened Date   Time	Choke Size (Inches)	Stabilized Flowing Pressure During Test (P.S.I.)
2400	4-24-61   8:00 A.M.	30/64"	1050
Time Required For Stabilization of Flowing Pressure (Hrs)	Stabilized Shut In Pressure At End of Test (P.S.I.)		Time Required For Obtaining This Stabilized Shut In Pressure (HRS)
1/2 hour		2390	J 24 hours

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior To Test (P.S.T.)	Shut In Pressure During Test: Minimum (P.S.I.)   Maximum (P.S.I.)	Stabilized Shut In Pressure at the End of Test: (P.S.I.)
3000	3000   3000	3000
Length of Time Required For Obtaining Stabilized Pressure at End of Test (HRS.)	Maximum Pressure Change of Shut-In Completion During Test Increase (P.S.I.)   Decrease (P.S.I.)	
0	0   1	0

TEST NO. 2

Well Shut in Date: 6-30-60 Time: 1 2:00 P.M.

Completion Producing: Tubing And: I Completion Shut In: I Casing

DATA ON PRODUCING COMPLETION

Stabilized Shut in Pressure Prior to Test (P.S.I.)	Producing Completion—Well Opened: Date   Time	Choke Size (Inches)	Stabilized Flowing Pressure During Test (P.S.I.)
3000	4-25-61   9:00A.M.	23 1/4"	1300
Time Required for Stabilization of Flowing Pressure (HRS)	Stabilized Shut in Pressure At End of Test (P.S.I.)		Time Required for Obtaining This Stabilized Shut In Pressure (HRS)
4 hours	2910		10 hours

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.)	Shut In Pressure During Test: Minimum (P.S.I.)   Maximum (P.S.I.)	Stabilized Shut In Pressure At The End of Test (P.S.I.)
2390	2390   2390	SIATE Oil à 8AS »
Length of Time Required For Obtaining Stabilized Pressure at End of Test (Hrs)	Maximum Pressure Change of Shut In Completion During Test: Increase (P.S.I.)   Decrease (P.S.I.)	
0	0   1	0

Class of Completion Testing, Whether Oil Well or Gas Well:  
 Tubing: 1 Casing: 1  
 Gas: 1 Gas: 1

Was The Well Notified of Test 24 Hours Prior to the Shut In of Both Completions At The Start of Test (Yes or No)  
Yes

Executed this the 5th day of May, 1961  
 State of Mississippi  
 County of Hinds

*[Signature]*  
 Signature of Affiant

O. D. Hutto known to me to be the

Before me, the undersigned authority, on this day personally appeared person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 5th day of May, 1961

SEAL My commission expires AUG 62

*[Signature]*  
 Notary Public in and for Hinds county, Mississippi

The undersigned representative of the (witnessed and/or checked) the foregoing test. \_\_\_\_\_ -has

Representative

MISSISSIPPI STATE OIL AND GAS BOARD  
 Packer Leakage Test  
 FORM 6-c - IOCC P-5  
 Authorized by Order No. 113-58 Effective November 1, 1958



Well I-D

OPERATOR. CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM DRILLING UNIT

Lease Federal Land Bank Leasing Unit	Field Siloam	Reservoir Pennsylvanian "P"
Survey or Sec-Twp-Rge Sec. 31, -16-S, R-5-E	County Clay	State Mississippi
Operator Shell Oil Company		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. Go Box 1817	City Jackson	State Mississippi
Above named operator authorizes (name of transporter) Hunt Oil Company		
Transporter's street address 700 Mercantile Bank Bldg.	City Dallas	State Texas
Field address Tuscaloosa, Alabama		

Oil, condensate, gas well gas, casinghead gas

To transport 100 % of the Condensate from said drilling unit

OTHER GATHERERS TRANSPORTING FROM THIS DRILLING UNIT ARE AS FOLLOWS:

Name of gatherer	% transported	Product transported
<del>SHELL OIL COMPANY</del>	<del>100</del>	<del>CONDENSATE</del>

Docket No. 244-60-117 Order No. 314-6 0

**DECEIVED**  
 MAY 17 1961  
 STATE OF MISSISSIPPI

Indicate whether or not this certificate is for a new drilling unit. If not a new drilling unit, indicate whether or not it is a change of operator, change of drilling unit name, change of gatherer, and give effective date of change.

New Well Permit No. 395. Completed 6/20/60. Production Gauge on 24-hour basis: ~~See Report for Gas Well Gas~~ 38 barrels condensate; 3300 MCF gas.

The undersigned certifies that the rules and regulations of the Mississippi State Oil and Gas Board have been complied with in drilling and producing operations on this drilling unit, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described drilling unit, and that this authorization will be valid until further notice or until cancelled by the State Oil and Gas Board.

Executed this the 9th day of May, 1961  
State of Mississippi  
County of Hinds

*[Signature]*  
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared O. D. [Name] person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this May day of 1961

SEAL  
My commission expires. AUG 29 62

*[Signature]*  
Notary Public in and for Hinds  
County Mississippi

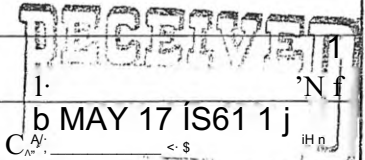
Approved. May 18, 1961  
STATE OIL AND GAS BOARD

By H. M. MORSE/By

MISSISSIPPI STATE OIL AND GAS BOARD  
 Operator's Certificate of Compliance & Authorization to Transport Oil or Gas from Drilling Unit  
 FORM 8 - IOCC P-17  
 Authorized by Order No. 118-58 Effective November 1, 1958

**OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL OR GAS FROM DRILLING UNIT**

Lease <b>pelerau Laud Bank et al Unit</b>	Field <b>Siloam</b>	Reservoir <b>Carter</b>
Survey or Sec-Twp-Rge <b>Sec. 31, T-16-S, R-5-E</b>	County <b>day</b>	State <b>Mississippi</b>
Operator <b>Shell Oil Company</b>		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street <b>P. O. Box 1817</b>	City <b>Jackson</b>	State <b>Mississippi</b>
Above named operator authorizes (name of transporter) <b>Texas Eastern Transmission Company</b>		
Transporter's street address <b>P. O. Box 2521</b>	City <b>Houston</b>	State <b>Texas</b>
Field address <b>Box 1612, Shreveport, Louisiana</b>		
Oil, condensate, gas well gas, casinghead gas		
To transport <b>100</b> % of the <b>Gas Well Gas</b>	<b>from said drilling unit</b>	
OTHER GATHERERS TRANSPORTING FROM THIS DRILLING UNIT ARE AS FOLLOWS:		
Name of gatherer <del>Shell Oil Company</del>	% transported <b>X</b>	Product transported <del>Gas Well Gas</del>
Docket No. 244 - (50 - 11) Order No, 314-60		
Indicate whether or not this certificate is for a new drilling unit. If not a new drilling unit, indicate whether or not it is a change of operator, change of drilling unit name, change of gatherer, and give effective date of change. New Well Permit No. 445. Completed 6/20/60. Production gauge ; 17 bbls, condensate; 1485 MCE gas.		

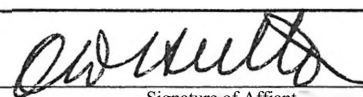


w No á em sor

The undersigned certifies that the rules and regulations of the Mississippi State Oil and Gas Board have been complied with in drilling and producing operations on this drilling unit, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described drilling unit, and that this authorization will be valid until further notice or until cancelled by the State Oil and Gas Board.

Executed this the 24 day of May, 1961

State of Mississippi County of Hinds

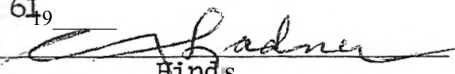
  
 Signature of Affiant

Before me, the undersigned authority, on this day personally appeared H. Hutto known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 9th day of May, 1961

SEAL **AUG 29** ft

My commission expires \_\_\_\_\_

  
 Notary Public in and for Hinds  
Mississippi

Approved May 18, 1961  
STATE OIL AND GAS BOARD

By H. M. MORSE/By JEB

MISSISSIPPI STATE OIL AND GAS BOARD  
Operator's Certificate of Compliance & Authorization to  
Transport Oil or Gas from Drilling Unit  
FORM 8 - IOCC P-17  
Authorized by Order No. 118-58 Effective November 1, 1958

**WELL COMPLETION OR RECOMPLETION REPORT, WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>Shell Oil Company</b>		Address <b>P. O. Box 727, Jackson, Mississippi</b>		
Lease Name <b>Federal Land Bank et al Unit</b>		Well Number <b>1</b>	Field & Reservoir <b>Siloam - Pennsylvanian "P" Sand</b>	
Location <b>1600* FNL and 990* FWL of Sec. 31, T-16-S, R-6-E</b>				
County <b>Clay</b>	Permit number <b>445</b>	Date Issued <b>1-21-60</b>	Previous permit number <b>-</b>	Date Issued <b>-</b>
Date spudded <b>2-18-60</b>	Date total depth reached <b>5-15-60</b>	Date completed, ready to produce <b>6-20-60</b>	Elevation (DF, RKB, RT or Gr.) <b>-----215</b> feet	Elevation of casing hd. flange <b>197</b> feet
Total depth <b>11,265*</b>	P.B.T.D. <b>8485*</b>	Single, dual or triple completion? <b>Dual</b>		If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion <b>7870<sup>L</sup> - No and 7975* - 90'</b>		Rotary tools used (Interval) <b>0» - 11,265*</b>	Cable tools used (interval) <b>-</b>	
Was this well directionally drilled? Was directional survey made? <b>No</b>		Was copy of directional survey filed? <b>-</b>	Date filed <b>-</b>	
Type of electrical or other logs run (check logs filed with the commission) <b>IES*, Dipmeter, OR-Neutron*, Sonic Log, Temperature Survey*</b>			Date filed <b>6-21-60</b>	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
<b>Conductor</b>	<b>18 1/2"</b>	<b>13 3/8"</b>	<b>5<sup>^</sup>.5</b>	<b>76*</b>	<b>100</b>	
<b>Surface</b>	<b>12 1/4"</b>	<b>9 5/8"</b>	<b>43.5 &amp; 47</b>	<b>1593'</b>	<b>250</b>	
<b>Production</b>	<b>8 5/8"</b>	<b>5 1/2"</b>	<b>15.5 &amp; 17</b>	<b>8712*</b>	<b>650</b>	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<b>2 7/8" in-</b>	<b>8350</b> ft.	<b>8350</b> ft-	<b>in.</b>	<b>ft.</b>	<b>ft.</b>		
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used			
<b>8</b>	<b>1/2" jets</b>	<b>7870» - 8M, 7975. - 50'</b>					

INITIAL PRODUCTION

Date of first production		Producing method (indicate if flowing, gas lift or pumping—if pumping, <b>Flowing on test</b> )				
Date of test <b>6-18-60</b>	Hrs. tested <b>3</b>	Choke size <b>30/64"</b>	Oil prod. during test <b>4.4</b> bbls.	Gas prod. during test <b>537.5</b> MCF	Water prod. during test <b>1.1</b>	Oil gravity <b>52.0</b> ° (Corr)
Tubing pressure <b>-</b>	Casing pressure <b>1050 psi</b>	Cal'ed rate of Production per 24 hrs.	Oil <b>35.2</b> bbls.	Gas <b>^300</b> MCF	Water <b>8.8</b> bbls.	Gas—oil ratio <b>122,000</b>

Disposition of gas (state whether vented, used for fuel or sold):

**Well Shut In**

Executed this the \_\_\_\_\_ day of June, 1960  
 State of Mississippi  
 County of Hinds

*John M. McLair*  
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared John M. McLair known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this June, 1960

SEAL  
 My commission expiree. \_\_\_\_\_  
 Notary Public in and for Hinds  
 County, Mississippi

**Casing tests as required by Statewide Rules 11 and 12 must be made.**

*23-025-00006*

MISSISSIPPI STATE OIL AND GAS BOARD  
 Well Completion or Recompletion Report and Well Log  
 FORM 3 - IOCC P-7

Authorized by Order No. 118-58

Effective November 1, 1958

WELL COMPLETION OR RECOMPLETION REPORT

WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator Shell Oil Company Address P. O. Box 727, Jackson, Mississippi

Lease Name Federal Land Bank et al Unit Well Number 1 Field & Reservoir Siloam - Carter Sand

Location 1800' FNL and 990' FWL, Sec. 3I, T-16-S, R-6-E See.—TWP-Range or Block & Survey

County Clay Permit number 445 Date Issued I-2I-60 Previous permit number - Date Issued -

Date spudded 2-18-60 Date total depth reached 5-15-60 Date completed, ready to produce 6-20-60 Elevation (DF, RKJ 3215 or Gr.) feet 197 Elevation of casing hd. flange -

Total depth 11,265' P.B.T.D. 8485' Single, dual or triple completion? Dual If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion 8440' - 8472' (Carter Sand) Rotary tools used (interval) 0' - 11,265' Cable tools used (interval) -

Was this well directionally drilled? Was directional survey made? No Was copy of directional survey filed? - Date filed -

Type of electrical or other logs run (check logs filed with the commission) IES\*, Dipmeter, GR-Neutron\*, Sonic Log, Temperature Survey Date filed 6-21-60

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
<u>Conductor</u>	<u>18 1/2"</u>	<u>13 3/8"</u>	<u>5.5</u>	<u>T&amp;MIL OIL</u>	<u>-</u>	<u>w</u>
<u>Surface</u>	<u>12 1/4"</u>	<u>9 5/8"</u>	<u>43.5 &amp; 4'</u>	<u>1593'</u>	<u>250</u>	<u>-</u>
<u>Production</u>	<u>8 5/8"</u>	<u>5 1/2"</u>	<u>15.5 &amp; 1'</u>	<u>8712'</u>	<u>650</u>	<u>-</u>

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<u>2 7/8 in.</u>	<u>8350 ft.</u>	<u>8350 ft.</u>	<u>in.</u>	<u>ft.</u>	<u>ft.</u>	<u>-</u>	<u>-</u>

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
<u>8</u>	<u>1/2" jets</u>	<u>8440' - 8472'</u>	<u>32,000 Gal. Acid-Gel</u> <u>W/25,000 lb. sand.</u>	<u>8440' - 8472'</u>

INITIAL PRODUCTION

Date of first production 6-19-60 Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): Flowing on test

Date of test 6-19-60 Hrs. tested 4 1/2 Choke size 25/64" Oil prod. during test 3 bbls. Gas prod. during test 309 MCF Water prod. during test Acid-1.0 bbls. Oil gravity 57.8 ATI (Corr)

Tubing pressure -52.5 psi Casing pressure - Cal'ed rate of Production per 24 hrs. 16 Oil 16 bbls. Gas 1650 MCF Water - bbls. Gas-oil ratio 103.125

Disposition of gas (state whether vented, used for fuel or sold): Well Shut In.

Executed this the day of June, 1960  
State of MISSISSIPPI  
County of Hi Eld-S  
John M. McLain Signature of Affiant

Before me, the undersigned authority, on this day personally appeared John M. McLain known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this June 60, day of June, 1960

SEAL My commission expires. Hinds Notary Public in and for.. Mississippi County, Mississippi

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD  
Well Completion or Recompletion Report and Well Log  
FORM 3 - IOCC P-7

**WELL COMPLETION OR RECOMPLETION REPORT AKM - WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  RJ  LAI  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>CL A. HURST</b>		Address <b>P. O. Box 2683 Laurel, Miss. 39440</b>		
Lease Name <b>Cottrell et al Unit</b>		Well Number <b>No. 1</b>	Field & Reservoir <b>(Siloam, Pennsylvanian)</b>	
Location <b>1300' S and 1000' E of NW/cor. Sec 25-16S-5E</b>				
County <b>Clay</b>	Permit number <b>115, WO 15</b>	Date Issued <b>8-4-59, WO 8-3-76</b>	Previous permit number	Date Issued
Date spudded <b>10-29-59</b>	Date total depth reached <b>2-10-60</b>	Date completed, ready to <b>PT-i7-60</b>	Elevation (DF, RKB, RT or Gr.) <b>214 DF</b>	Elevation of casing hd. flange <b>feet</b>
Total depth <b>8893</b>	P.B.T.D. <b>4800'</b>	Single, dual or triple completion? <b>Single (Miss, Pool abnd, 1</b>		If this is a dual or triple completion, furnish separate report for each com- <b>92^on.</b>
Producing interval (s) for this completion <b>4750-4763</b>		Rotary tools used (interval) <b>0 - 8893</b>		Cable tools used (interval)
• Was this well directionally drilled? <b>no</b>	Was directional survey made? <b>no</b>	Was copy of directional survey filed?	Date filed	
Type of electrical or other logs run (check logs filed with the commission) <b>All logs previously filed by Shell Oil Company</b>				Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Conductor	24"	16"	?	60	75	
Surface	12"	10 3/4"	?	1607	450	
Production	8 3/4"	5 1/2"	7	8892	1400	

TUBING RECORD ggg OI?ICf i

form 3 for details

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Amt. & kind of material used		Depth Interval	
4	?	4750-4763					

INITIAL PRODUCTION

Date of first production **This well temp, abandon ed June 1975 by Shell.** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump: **Wp-rq-j- in&talleu rtrrnsco and horan n-rod 2 1/6/7**)

Date of test **3-17-77** Hrs. tested **24** Choke size **open tubine or none** Oil prod, during test **bbbs.** Gas prod, during test **103 MCF** Water prod, during test **none** Oil gravity **° API (Corr)**

Tubing pressure **on compressox** Casing pressure **shut-in** Cal'ated rate of Production per 24 hrs. **Q bbs.** Gas **in MCF** Water **0 bbs.** Gas—oil ratio **-**

Disposition of gas (state whether vented, used for fuel or sold): **Gas sold to Texas Eastern Transmission rnrpratin.**

Executed this the **12th** day of **May**, 19**77**  
 State of **Mississippi**  
 County of **Hinds**

*Wilbur H. Knight*  
Signature of Affiant

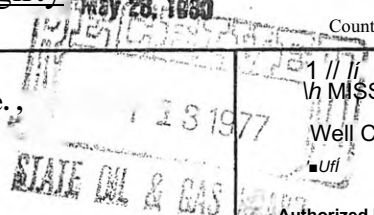
Before me, the undersigned authority, on this day personally appeared **Wilbur H. Knight** known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this **12th** day of **May**, 19**77**

SEAL  
 My commission expires **My Commissten Exgirty May 28, 1980**

*Louis Ashby*  
Notary Public in and for **Hinds**  
County, **Mississippi**

**Casing tests as required by Stat^^Lde., Rules 11 and 12 must be made&L**



MISSISSIPPI STATE OIL AND GAS BOARD  
 Well Completion or Recompletion Report and Well Log  
 FORM 3 - IOCC P-7

**APPLICATION I. PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR**

APPLICATION TO DRILL  WORKOVER  CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR

DATE

C. A. Hurst

August 2, 1976

Address

City

State

P. O. Box 2683

Laurel

Mississippi 39440

DESCRIPTION OF WELL AND LEASE

Name of lease

Well number

Elevation (ground)

Cottrell et al Unit

No. 1

214' DF

Well location

(give footage from section lines)

Section—township—range or block & survey

1300' South and 1000' East of NW corner Sec. 25-16S-5E

Field & reservoir (If wildcat, so state)

Gas Pool

County

Siloam Field - Miss. Gas Pool

Clay

Check the type of proposed well Oil- \_\_\_\_\_ Gas-  Other (Name) \_\_\_\_\_

Nearest distance from proposed location to drilling unit line

Distance from proposed location to nearest drilling, completed or applied—for well

1000

feet

4100

feet

Proposed depth:

Proposed length of

Approx. date work will start

8833 fee(actual)

surface casing 1607

factual) August 15, 1976

Number of cores in drilling unit

640+

Name of drilling contractor-

Address

City

State

STATE OIL AND GAS BOARD OFFICES:

p. O. Box 1332 JACKSON, MISS. Tel. 354-7104 or 354-7108

Bill Cauthen NATCHEZ, MISS. Tel. 445-5041

Bob Comerio WAYNESBORO, MISS. Tel. 735-9400

John Loper BROOKHAVEN, MISS. Tel. 833-5179

Percy Quin GOLUB, MISS. Tel. J3,6,4390

NOTE: Notify nearest field office or Jackson office

on dates of spudding and

reaching total depth.

Remarks: (If this is an application to workover, briefly describe work to be done, giving present producing zone and expected new producing zone)

This well ceased production from Pennsylvanian Gas Pool in July 1975. WO in October 1975. Set cast iron bridge plug at 4850' and acidized old perms 4750-63 (Pennsylvanian) with 6000 gals., swabbed and rec. siii. amt. of gas - well would not flow. Temp. abnd 10-30-75. Propose to set bridge plug at approx. 4250' and perforate 4144 to 4158 and test stray sand in Pennsylvanian formation, if not successful, set bridge plug at approx. 3900' and perforate 3833-3843 and test stray sand in Pennsylvanian & AH c

Executed this the \_\_\_\_\_ day of August, 1976  
State of Mississippi  
county of Hinds

William H. Kugant  
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 2 day of August

SEAL

My commission expires

5/28/80

Wb  
Notary Public in and for Hinds

County, -Mig S S Spgl

Permit Number:

W. O. 15

Approval Date:-

8-3-76

Approved By: -CityR» DAs/

By [Signature]

Notice: Before sending in this form be sure that you have given all information requested.

See Instructions on Reverse Side of Form

**MISSISSIPPI STATE OIL AND GAS BOARD**

Form No. 2

A P I Well Number

State

County

Well

as

025

0000-5

**PACKER LEAKAGE TEST**

Field Name Siloam County Clay

Operator Shell Oil Company Address P. O. Box 181T - Jackson, Mississippi

Lease Cottrell et al Unit Well Number 1 Location Section 25 T-16-S, R-5-E

TEST NO. 1

Well Shut In Date <u>10-26-60</u> Time <u>1 4:00 P.M.</u>	Completion Producing (Indicate Casing or Tubing) <u>Tubing</u>	Reservoir <u>Carter</u>	Completion Shut In (Indicate Casing or Tubing) <u>Casing</u>	Reservoir <u>Penn. "J"</u>
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DATA ON PRODUCING COMPLETION

Stabilized Shut in Pressure Prior to Test (P.S.I.) <u>2400</u>	Producing Completion—Well Opened Date <u>4-29-61</u> Time <u>8:00 A.M.</u>	Choke Size (Inches) <u>1/8" Adj.</u>	Stabilized Flowing Pressure During Test (P.S.I.) <u>1250</u>
Time Required For Stabilization of Flowing Pressure (Hrs) <u>2 hours</u>	Stabilized Shut In Pressure At End of Test (P.S.I.) <u>2390</u>	Time Required For Obtaining This Stabilized Shut In Pressure (HRS) <u>13 hours</u>	

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.) <u>1805</u>	Shut In Pressure During Test: Minimum (P.S.I.) <u>1805</u> Maximum (P.S.I.) <u>1805</u>	Stabilized Shut In Pressure at the End of Test: (P.S.I.) <u>1805</u>
Length of Time Required For Obtaining Stabilized Pressure at End of Test (HRS) <u>0</u>	Maximum Pressure Change of Shut-In Completion During Test Increase (P.S.I.) <u>0</u> Decrease (P.S.I.) <u>0</u>	

TEST NO. 2

Well Shut In Date <u>10-20-60</u> Time <u>1 8:00 A.M.</u>	Completion Producing (Indicate Casing or Tubing) <u>Casing</u>	Same Well-Bore as Test No. 1 But With: And <u>1</u> Completion Shut In (Indicate Casing or Tubing) <u>Tubing</u>
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DATA ON PRODUCING COMPLETION

Stabilized Shut in Pressure Prior to Test (P.S.I.) <u>1805</u>	Producing Completion—Well Opened: Date <u>4-30-61</u> Time <u>8:00 A.M.</u>	Choke Size (Inches) <u>1/2" Adj.</u>	Stabilized Flowing Pressure During Test (P.S.I.) <u>1450</u>
Time Required for Stabilization of Flowing Pressure (HRS) <u>1/2 hour</u>	Stabilized Shut in Pressure End of Test (P.S.I.) <u>1805</u>	Time Required for Obtaining This Shut In Pressure (HRS) <u>4 HOURS</u>	

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.) <u>2400</u>	Shut In Pressure During Test: Minimum (P.S.I.) <u>2400</u> Maximum (P.S.I.) <u>2400</u>	Stabilized Shut In Pressure At the End of Test (P.S.I.) <u>2400</u>
Length of Time Required For Obtaining Stabilized Pressure at End of Test (Hrs) <u>0</u>	Maximum Pressure Change of Shut In Completion During Test: Increase (P.S.I.) <u>0</u> Decrease (P.S.I.) <u>0</u>	

Class of Completion Testing, Whether Oil Well or Gas Well: <u>Gas</u>	Was The Licensee Notified of Test 24 Hours Prior to The Shut In of Both Completions At The Start of Test (Yes or No) <u>Yes</u>
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Executed this the 5th day of May, 19 61  
 State of Mississippi  
 County of Hinds

*[Signature]*  
 Signature of Affiant

Before me, the undersigned authority, on this day personally appeared O. D. Hutto known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 5th day of May, 19 61

SEAL My commission expires! AUG 29 60

O. D. Hutto  
 Notary Public in and for Hinds  
 County, Mississippi

The undersigned representative of the \_\_\_\_\_ has (witnessed and/or checked) the foregoing test.

Representative

MISSISSIPPI STATE OIL AND GAS BOARD

Packer Leakage Test

FORM 6-c - IOCC P-5

Authorized by Order No. 118-58 Effective November 1, 1958

**WELL COMPLETION OR RECOMPLETION REPORT & WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different I I Reservoir || Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator **Shell Oil Company** Address **P. O. Box 1817, Jackson, Mississippi**

Lease Name **Cottrell et al Unit** Well Number **1-D** Field & Reservoir **Siloam - Pennsylvanian "J"**

Location **1300\* from N/L and 1000\* from W/L of Section 2% T-16-S, R-5-E** Sec.—TWP-Range or Block & Survey

County **Clay** Permit number **396** Date Issued **12/29/60** Previous permit number **115** Date Issued **4/24/59**

Date spudded **10/29/59** Date total depth reached **12/4/59** Date completed, ready to produce **1/19/60** Elevation (DF, RKB, RT or Gr.) **feet** Elevation of casing hd. flange **feet**

Total depth **8893** P.B.T.D. **8838** Single, dual or triple completion? **Dual** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **4750 - 4763** Rotary tools used (interval) **0 - 8893** Cable tools used (interval) **None**

Was this well directionally drilled? Was directional survey made? **No** **Yes** Was copy of directional survey filed? **No** Date filed **-**

Type of electrical or other logs run (check logs filed with the commission) **IES, Dipmeter, Microlog, Sonic Log, Temperature, Gamma Ray-Neutron** Date filed **3/4/60**

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size Rasing set	Weight (lb./ft.)	Depth	Sacks cement	Amt. pulled
Conductor	20"	1"	55		75	
Surface	15"	10-3/4"	40.5	1607»	450 Coro. j 8	% Gel / 100
					Neat	
Production	8-3/4"	5-1/2"	15-5	'8884»	1500	-

TUBING RECORD

LINER RECORD

Size **5-1/2** in. Depth set **8529** ft. Packer set at **ft.** Top **8520 ft. 8529** Bottom **ft.** Sacks cement **ft.** Screen (ft.)

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used
4	1/2" Jet	4750 - Aléa	None

**CEMENT SQUEEZE RECORD**  
S—Bepth Interval 2/8  
ИДУ 17 HbO

INITIAL PRODUCTION

STATE OIL & GAS BOARD  
show size & type of pump

Date of first production **2/17/60** Producing method (indicate if flowing, gas lift or pumping—if pumping, **Flowing**)

Date of test **2/17** Hrs. tested **24** Choke size **3/4"** Oil prod, during test **0** bbls. Gas prod, during test **406** MCF Water prod, during test **0** bbls. Oil gravity **0** ° API (Corr)

Tubing pressure Casing pressure Cal'ated rate of Production per 24 hrs. Oil Gas Water Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold): **To be sold to Texas Eastern Transmission Company**

Executed this the **9th** day of **W**, 19 **61**  
State of **Mississippi**  
County of **Hinds**  
Signature of Affiant: **F. A. Schurtz**

Before me, the undersigned authority, on this day personally appeared **F. A. Schurtz** known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this **9th** day of **May**, 19 **61**  
SEAL \* 4

My commission expires **1962**  
Notary Public in and for **Hinds** County, **Mississippi**

Casing tests as required by Statewide Rules 11 and 12 must be made.

MISSISSIPPI STATE OIL AND GAS BOARD  
Well Completion or Recompletion Report and Well Log  
FORM 3 - IOCC P-7

Authorized by Order No. 118-58

Effective November 1, 1958

23-025-00005



**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>Shell Oil Company</b>		Address <b>P. O. Box 1817, Jackson, Mississippi</b>	
Lease Name <b>Cottrell et al Unit</b>		Well Number <b>1</b>	Field & Reservoir <b>Siloam - Carter</b>
Location <b>1300* from N/2 and 1000* from W/L of Section 25, T-16-S, B-5-E</b>			
County <b>Clay</b>	Permit number <b>115</b>	Date Issued <b>4/24/59</b>	Previous permit number Date issued
Date spudded <b>10/29/59</b>	Date total depth reached <b>12/4/59</b>	Date completed, ready to produce <b>1/19/60</b>	Elevation (DF, RKB, RT or Gr.) feet Elevation of casing hd. flange feet
Total depth <b>8893</b>	P.B.T.D. <b>8838</b>	Single, dual or triple completion? <b>Dual</b>	If this is a dual or triple completion, furnish separate report for each completion.
Producing interval (s) for this completion <b>6673 - 8693 / 8748 - 8768</b>		Rotary tools used (interval) <b>0 - 8893*</b>	Cable tools used (interval) <b>-</b>
Was this well directionally drilled? Was directional survey made? <b>No Yes</b>		Was copy of directional survey filed? <b>No</b>	Date filed <b>-</b>
Type of electrical or other logs run (check logs filed with the commission) <b>IES, Dipmeter, Microlog, Sonic log, Temperature, Gamma Ray-Neutron</b>			Date filed <b>3/4/60</b>

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	De81 set	Sacks cement	Amt. pulled
Conductor	20"	10"	2			
Surface	15"	10-3/4"	40.5	1607'	450 Com./8^>	
					(Gelo100Neat	
Production	8-3/4"	5-1/2"	15.5	88841	1500	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8 in.	8559 ft.	8529 ft.	5-1/2 in.	8520 ft.	8529 ft.	-	-
PERFORATION RECORD				ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD			
Number per ft.	Size & type	Depth Interval		Am't. & kind of material used		Depth Interval	
6	1/2" Jet	8673 - 8693		80,000 gal. Acid Gel.		3-573 - 8768	
6	1/2" Jet	8748 - 8768		80,000 # Sand		-	

INITIAL PRODUCTION

Date of first production <b>2/12/60</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): <b>Flowing</b>					
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity	
2/12/60	24	2"	0 bbls.	599 MCF	0 bbls.	API (Clorr)	
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-Liquid ratio	
			bbls.	MCF	bbls.		

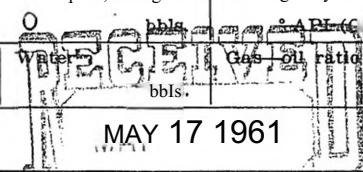
Disposition of gas (state whether vented, used for fuel or sold):  
**To be sold to Texas Eastern Transmission Company**

Executed this the 9<sup>th</sup> day of May, 1960  
 State of: Mississippi  
 County of: Hinds

Before me, the undersigned authority, on this day personally appeared F O A. Schurtz known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 9<sup>th</sup> day of May, 1960

SEAL  
 My commission expires: August 29<sup>th</sup> 1962  
 Notary Public In and for Mississippi



*F O A. Schurtz*  
 Signature of Affiant

*F Radner*  
 Hinds

**Casing tests as required by Statewide Rules 11 and 12 must be made.**

*23-025-00005*

MISSISSIPPI STATE OIL AND GAS BOARD  
 Well Completion or Recompletion Report and Well Log  
 FORM 3 - IOCC P-7





# SHELL OIL COMPANY

P. O. Box 727  
Jackson, Mississippi

January 18, 1960

*File*

Mississippi Oil and Gas Board  
P. O. Box 1332  
Jackson, Mississippi

»

Gentlemen:

Confirming conversations with Mr. J. F. Borthwick, Jr., Chief Engineer, Mississippi Oil and Gas Board, this is to advise that Shell Oil Company plans to dually complete the Shell et al. CojttreX^jt, al..... Gas Unit Well No. 1^ Siloam Fieldu. Clay C6un6y7 "Mississippi, in the Carter sand interval' 8673 feet to 8768 feet and a Pennsylvanian sand at 4750 feet in the interval 4750 feet to 4763 feet. The zones will be separated by a production packer set below the upper zone. The Carter sand will be produced through the tubing and the Pennsylvanian sand through the casing-tubing annulus.

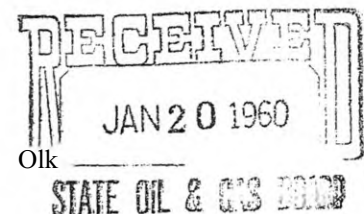
As discussed with Mr. Borthwick, this well is being dually completed in order to test the 4750-foot Pennsylvanian sand and at the same time observe the performance of the Carter sand. This latter zone does not offer a commercial completion at this time.

Prior to placing both zones on continuous production, we will petition the Mississippi Oil and Gas Board for approval of this dual completion.

In the event we can be of any assistance or you require further information, please advise.

Yours very truly,

  
T. A. Schurtz  
Division Production Manager



03 125 00005

**MISSISSIPPI STATE OIL & GAS BO/  
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

Form No. 3

DESIGNATE TYPE OF COMPLETION:

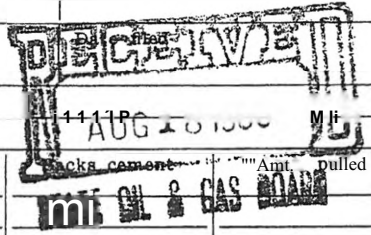
New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>Browning &amp; Welch</b>		Address 1411 Standard Life Bldg., Jackson, Ms.			
Lease Name R.F. McFadden		Well Number 1	Field & Reservoir Siloam Field - 3400-foot Gas Pool		
Location 3274' FWL & 1587' FSL		Sec.— TWP-Range or Block & Survey 36 - T 16 S - R 5 E			
County Clay	Permit number 476	Date Issued 6-24-74	Previous permit. number	Date issued	
Date spudded	Date total depth reached 8-16-74	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet	
Total depth 4200'	P.B.T.D. 3810'	Single, dual or triple completion? Single		If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion 3384-3406'		Rotary or cable tools used (interval)		Drilling Contractor	
Was this well directionally drilled? Was directional survey made?		Was copy of directional survey filed?		Date filed	
Type of electrical or other logs run (check logs filed with the commission)					

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)					
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	



TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used (Fracture details on back)	Depth Interval
?		3384-3406'	L500 gal. 15% HCL, 1000 gal HR, 1000 gal BDA	

INITIAL PRODUCTION

Data of first production Shut in		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): flowing				
Date of test 1-13-80	Hrs. tested	Choke size 1/4"	Oil prod, during test bbls.	Gas prod, during test MCF	Water prod, during test bbls.	Oil gravity • API (Corr)
Tubing pressure 190#	Casing pressure	Cal'd rate of Production per 24 hrs. 280 Mcf	Oil bbls.	Gas 280 MCF	Water bbls.	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):	For Sour Gas or Oil Amount H <sub>2</sub> S:	Amount CO <sub>2</sub> :
---	---	--------------------------

Executed this the 15th day of August, 1980  
 State of Mississippi  
 County of Hinds

*Stewart W. Welch*  
 Signature of Affiant X/

Before me, the undersigned authority, on this day personally appeared Stewart W. Welch known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 15th day of August, 1980

ISEAL  
 My commission expires March 18, 1984

Notary Public in and for Hinds  
 County, Mississippi

**Casing tests as required by Statewide Rules 11 and 12 must be made.**

**DETAIL OF FORMATIONS PENETRATED**

Formation	Top	Bottom	Description*
"3400' Gas Poe 1"	Fracture	treatment..	<p>.. 6000 gal. pre-pad @ 11.8 bbls, per min, 1 bbl. CO<sup>^</sup> per min. @ 2650# pressure; 6000 gal. gel © 11.5 bbls, per min, 1<sup>^</sup> bbls. CO<sub>2</sub> per min. @ 2000# pressure, 2000 gal. of 1 lb. per gal 20-40' sand © 11.5 bbls, per min. + 1<sup>^</sup> bbls. CO @ 2140#, 3000 gal. 2# per gal. 20-40 sand @ 11.5 bbls, per min., 1<sup>^</sup> bbls. CO<sub>2</sub> per min., 4000 gal. 3# per gal. 20-40 sand © 11.5 bbls, per min., 1<sup>^</sup> bbls. CO per min. © 2150#, 5000 gal. 4# per gal. 20-40 sand @ 11.6 bbls, per min., 1<sup>^</sup> bbls. CO<sub>2</sub> per min. @ 2150# 590 gal. flush © 11.6 bbls, per min., 1<sup>^</sup> bbls, per min. CO<sub>2</sub> @ 2150#.</p>

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

**INSTRUCTIONS:**

Attach electrical log if run.

This well completion or recompletion report and well log shall be filed with the Mississippi State Oil and Gas Board not later than thirty days after project completion.

AMENDED

**APPLICATION FOR PERMIT TO DRILL, WORKOVER OR CHANGE OPERATOR**

APPLICATION TO DRILL

WORKOVER

CHANGE OPERATOR

NAME OF COMPANY OR OPERATOR

DATE

**Browning & Welch**

January 24, 1980

Address

City

State

1411 Standard Life Building,

Jackson,

Mississippi 39201

DESCRIPTION OF WELL

Name of well

Well number

Elevation (ground)

R.F. McFadden

1

193'

Well location

(give footage from section lines)

Section — township — range or block & survey

3274' FWL & 1587' FSL

Sec. 36 - T 16 S, R 5 E

Field & reservoir (If wildcat, so state)

County

Siloam Field - 3400-Foot

Gas Pool

Clay

Check the type of proposed well Oil:  Gas  Other (Name) \_\_\_\_\_

Nearest distance from proposed location to drilling unit line

Distance from proposed location to nearest drilling, completed or applied — for well

1053 feet

958 feet

Proposed depth: PBDT

Proposed length of

Approx, date work will start

38102 feet

surface casing — 958 feet

Number of acres in drilling unit

Name of drilling contractor

320 acres requested

Address — City — State —

STATE OIL AND GAS  
OFFICES:

P. O. Box 1332  
JACKSON, MISS. NATCHEZ,  
Tel. 354-7104

Bill Cauthen  
MISS. WAYNESBORO, MISS.  
Tel. 445-5041

Bob Comerio  
MISS. BROOKHAVEN, MISS.  
Tel. 735-9400

John Loper  
MISS. BROOKHAVEN, MISS.  
Tel. 833-5179

Percy Quin  
COLUMBIA, MISS. WAYNESBORO, MISS.  
Tel. 736-4390

Tradis West  
MISS. WAYNESBORO, MISS.  
Tel. 648-2550

George Yoder  
LAUREL, MISS.  
Tel. 428-0148

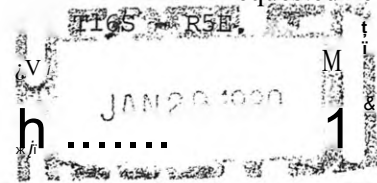
NOTE: Notify nearest field office or Jackson office on dates of spudding and reaching total depth.

Remarks: (If this is an application to workover, briefly describe work to be done, giving present producing zone and expected new producing zone)

Well previously produced from the McFadden Sand with perforations at 3907-17' subsequently been recompleted in the 3400-Foot Sand with perforations at 3384-3406 Original unit description was West 640 acres of Sec. 36 - T16S - R5E unit description is South half of West 640 acres of Sec. 36^1

It has

Requested new



Doclet # 35-80-117  
Order # 53-80

YES  NO Are there separately owned tracts in the drilling unit for which this permit is sought?

YES  NO If so, have the owners of the tracts in said tracts and the rights to share in the production therefrom agreed to develop their lands as a drilling unit and to the drilling of the well?

Executed this the 24th day of January, 1980.  
State of Mississippi  
County of Hinds

*Stewart W. Welch*  
Signature of Affiant

Stewart W. Welch

Before me, the undersigned authority, on this day personally appeared Stewart W. Welch, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 24th day of January 1980

*Bill J. Thacker*  
Notary Public in and for Hinds

SEAL  
My commission expires March 18, 1980

County, Mississippi

Permit Number: 476

Approval Date: 27

Approved By: Clyde L. Savis

Notice: Before sending in this form be sure that you have given all information requested.

See Instructions on Reverse Side of Form

**MISSISSIPPI STATE OIL AND GAS BOARD**

Form No. 2 (Rev. 8/1977)

A. P. 1. Well Number

State

County

Well

23

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**MISSISSIPPI STATE OIL & GAS BOARD**  
**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well  (771) Work-Over   Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

operator <b>Larco Dr Ig. Co., Inc., Patrick Pet. Corp. &amp; Browning &amp; Welch</b>		Address <b>1700 Capital Towers, Jackson, Ms. 39</b>	
Lease Name <b>R. F. McFadden</b>		Well Number <b>1</b>	Field & Reservoir <b>Siloam Field, Pennsylvanian Reservoir</b>
Location <b>3274' FWL &amp; 1587' FSL</b>		Sec.—TWP-Range or Block & Survey <b>Sec. 36 - T16S - R5E</b>	
County <b>Clay</b>	Permit number <b>476</b>	Date Issued <b>6/24/74</b>	Previous permit. number <b>----</b>
Date spudded <b>8/1/74</b>	Date total depth reached <b>8/16/74</b>	Date completed, ready to „rudo, 10/17/74	Elevation (DF, «KB-, -RT-or- 199 feet
Total depth <b>4200*</b>	P.B.T.D. <b>----</b>	Single, dual or triple completion? <b>Single</b>	If this is a dual or triple completion, furnish separate report for, each completion.
Producing Interval (s) for this completion <b>3907' - 3917'</b>		Rotary tools used (Interval) <b>Surface - T.D.</b>	Cable tools used (interval) <b>----</b>
Was this well directionally drilled? <b>No</b>	Was directional survey made? <b>-----</b>	Was copy of directional survey filed? <b>-----</b>	Date filed
Type of electrical or other logs run (check logs filed with the commission) <b>DIL &amp; Compensated Neutron-Formation Density</b>			Date filed

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	12V	8-5/8"	20.23 & 24	ft 962'	526	---
Productio	h 7-7/8"	415"	11.6#	4016'	300	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2	3840 ft-	3 840 it.	in.	ft.	ft.		

PERFORATI« 3N RECORD

ACID, SHO<sup>r</sup> T, FRACTURE, C EMENT SQUEE2 IE RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
4	Jets	3907' - 3917'		

INITIAL PRODUCTION

Date of first production <b>9/14/74</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): <b>Flowing</b>					
Date of test <b>11/1/7*</b>	Hrs. tested <b>24</b>	Choke size <b>12/64"</b>	Oil prod. during test NOUS bbls.	Gas prod. during test <b>365</b> MCF	Water prod. during test <b>trace</b> bbls.	Oil gravity ° API (Corr)	
Tubing pressure <b>455</b>	Casing pressure	Cal'ted rate of Pro-duction per 24 hrs.	Oil <b>None</b> bbls.	Gas <b>365</b> MCF	Water <b>trace</b> bbls.	Gas—oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

Executed this the 1st day of November, 19 74

State of MISSISSIPPI  
 County of Hinds

*Wm. H. Ashby Jr.*  
Signature of Affiant

Before me, the undersigned authority, on this day personally appeared Wm. H. Ashby Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 1st day of NOVEMBER, 19 74

*John B. Rowner*  
Notary Public in and for Hinds County, Mississippi

**Casing tests as required by Statewide A/r Rules 11 and 12 must be made.**

V  
11/9/74 Wh  
V.S. 11-7

**MISSISSIPPI STATE OIL & GAS BOAN**  
**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

Form No. 3

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>Browning &amp; Welon</b>		Address <b>1411 Standard Life Bldg., Jackson, Ms.</b>		3Y2o1	
Lease Name <b>J.R. Hawkins et al</b>		Well Number <b>1</b>	Field & Reservoir <b>Siloam - Rea Sand</b>		
Location <b>990' FSL &amp; 2025' FEL</b>				Sec.—TWP-Range or Block & Survey <b>3b - T.16 S. R.5E</b>	
County <b>Clay</b>	Permit number <b>194</b>	Date Issued <b>9-2U-79</b>	Previous permit . number	Date Issued	
Date spudded <b>Ort. 14, 10/79</b>	Date total depth reached <b>Dec. 1U, 19/79</b>	Date completed, ready to produce <b>Nov. 7, 1980</b>	Elevation (DF, RKB, RT or Gr.) <b>DF 2u9</b> feet	Elevation of casing hd. flange, <b>193</b> feet	
Total depth <b>9433'</b>	P.B.T.D.	Single, dual or triple completion? <b>Single</b>		If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion <b>90bu-b4'; Уи7o-75'; 9089-95'</b>		Rotary or cable tools used (interval) <b>Rotary</b>		Drilling Contractor <b>Crescent Drilling Co.</b>	
Was this well directionally drilled? Was directional survey made? <b>NO</b>		Was copy of directional survey <b>-----</b>		Date filed <b>-----</b>	
Type of electrical or other logs run (check logs filed with the commission) <b>Dual Induction. Dens itv-Neutron. Mini Inn</b>				Date filed <b>Nov. 11, 1980</b>	

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
<b>Conductor</b>	<b>26"</b>	<b>16"</b>		<b>22'</b>	<b>3 yds.</b>	
<b>Surface</b>	<b>12"</b>	<b>9-5/8"</b>		<b>1756'</b>	<b>625 sks.</b>	
<b>Production</b>	<b>8-3/4"</b>	<b>7"</b>	<b>26, 29 &amp; 32#</b>	<b>9434'</b>	<b>930 sks.</b>	

TUBING RECORD

Size	Depth set	Packer set at	Size
<b>2-3/8 m.</b>	<b>9002 ft.</b>	<b>9002 ft.</b>	<b>7 m.</b>

LINER RECORD

Top	Bottom	Sacks cement	Screen (ft.)
ft.	ft.	ft.	

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval
<b>1</b>	<b>4" jumbo</b>	<b>9060-64'; 9070-75'; 9098-95'</b>

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Am't. & kind of material used	Depth Interval
<b>Acid Treatment</b>	<b>Frac Treatment</b>
<b>1500 gal. 10% HCL &amp; 3000 gal HF</b>	<b>&gt;= 20,000 gal. get n c 335,000# 20-40 sand</b>

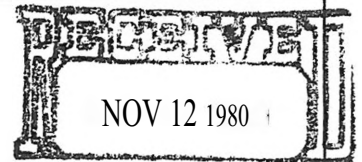
INITIAL PRODUCTION

Date of first production <b>11-24-80</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump.) <b>flowing</b>				
Date of test <b>0-31-80</b>	Hrs. tested <b>24 hrs.</b>	Choke size <b>12/64"</b>	Oil prod. during test <b>bbls.</b>	Gas prod. during test <b>50 MCF</b>	Water prod. during test <b>1 bbls.</b>	Oil gravity <b>' API (Corr)</b>
Tubing pressure <b>45#</b>	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil <b>bbls.</b>	Gas <b>50 MCP</b>	Water <b>bbls.</b>	Gas—oil ratio

Disposition of gas (state whether vented, used for fuel or sold):  
**vented** For Sour Gas or Oil Amount H<sub>2</sub>S: Amount CO<sub>2</sub>:

Executed this the 11th day of November, 1980  
 State of Mississippi  
 County of Hinds  
 Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.  
 Subscribed and sworn to before me this 11th day of November, 1980  
 SEAL  
 My commission expires March 1984  
 Signature of Affiant: *Stewart W. Welch*  
 Notary Public in and for Hinds County, Mississippi

**Casing tests as required by Statewide Rules 11 and 12 must be made.**



**STATE OIL & GAS BOARD**



APPLICATION FOR MULTIPLE COMPLETION

Field Name Siloam County Clay Date March 23, 1964  
 Operator American Exploration and Development Corporation Lease McLemore et al Unit 1 Well No. \_\_\_\_\_

Location of well 990t FNL 1200\* FEL of Unit Sec. 36 T16S-R5E

1. Have the reservoirs herein requested to be used for multiple completion heretofore been approved for multiple completion by the Board after notice and hearing? Yes
2. Identify one instance (operator, lease, well number) wherein the Board granted multiple completion involving these same reservoirs in this field.

Shell Oil Company, Cotterell No. 1

3. The following facts are submitted:

	Upper Zone	Intermediate Zone	Lower Zone
a. Name of reservoir	<u>Pennsylvanian</u>		<u>Mississippian</u>
b. Top and bottom of pay section (perforations)	<u>7' to 10' BOA 1 4670-79' &amp; 8001-07'</u>		<u>85901- 8616'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>		<u>Gas</u>
d. Method of Production (Fig. or Art. Lift)	<u>Flowing</u>		<u>Flowing</u>

4. The following are attached. (Please mark YES or NO)

- No a. Previously submitted to Board and Board members of producing zones and perforated intervals shown and marked.
- Yes b. Packer Setting Report.
- Yes c. Diagrammatic Sketch of Multiple Completion Installation. (submitted at Board Hearing 3-18-64)
- Yes d. Packer Leakage Test.
- No e. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases and the names and addresses of operators of all leases off-setting applicant's lease.

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Shell Oil Company  
Box 127  
Metairie, Louisiana

6. Yes The operators listed in Item 5 above have been notified and furnished a copy of this application. (Yes or No)  
 Date furnished 3-18-64

7. Waivers consenting to such multiple completion from each of the above offset operators attached. (Yes or No)

8. Copies of letters requesting such waivers from each of these offset operators attached, in lieu of waivers. (Yes or No)

Executed this the 24th day of March, 1964  
 State of Texas  
 County of Bexar

T. F. Dailey, Jr.  
 Signature of Applicant

Before me, the undersigned authority, on this day personally appeared T. F. Dailey, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 24th day of March, 1964  
 SEAL  
 My commission expires June 1, 1965  
 Notary Public in and for Bexar  
 County, Texas

Said application shall accompany petition for hearing before the State Oil and

Gas Board.

8 March 1964  
**RECEIVED**  
7/26  
**NAR 26 1964**  
 STATE OIL & GAS BOARD

MISSISSIPPI STATE OIL AND GAS BOARD  
 Application for Multiple Completion  
 FORM 6-a - IOCC P-3  
 Authorized by Order No. 118-58 Effective November 1, 1958

# PACKER LEAKAGE TEST

Field Name Siloam County Clay

Operator American Exploration & Development Corp., 1815 NBC Building. San Antonio. Texas 7820 Address

Lease McLemore et al Unit Well Number 1 Location 990» FNL 1200' FEL of Unit Sec. 36 T16S - R5E

TEST NO. 1

Date	Well Shut In Time	Completion Producing (Indicate Casing or Tubing)	Reservoir	Completion Shut In (Indicate Casing or Tubing)	Reservoir
2-18-64	1 8:00 A. M.	Casing	Pennsylvanian	(Casing) Tubing	Mississippian

**DATA ON PRODUCING COMPLETION**

Stabilized Shut In Pressure Prior to Test (P.S.I.) <b>1246</b>	Producing Completion—Well Opened Date <b>2-22-64</b> Time <b>8:00 A. M.</b>	Choke Size (Inches) <b>3/16"</b>	Stabilized Flowing Pressure During Test (P.S.I.) <b>1013</b>
Time Required For Stabilization of Flowing Pressure (Hrs) <b>2</b>	Stabilized Shut In Pressure At End of Test (P.S.I.) <b>1200</b>	Time Required For Obtaining This Stabilized Shut In Pressure (HRS) <b>4</b>	

**DATA ON SHUT IN COMPLETION**

Stabilized Shut In Pressure Prior To Test (P.S.I.) <b>1570</b>	Shut In Pressure During Test: Minimum (P.S.I.) <b>1570</b>   Maximum (P.S.I.) <b>1570</b>	Stabilized Shut In Pressure at the End of Test: (P.S.I.) <b>1570</b>
Length of Time Required For Obtaining Stabilized Pressure at End of Test (HRS.) <b>-0-</b>	Maximum Pressure Change of Shut-In Completion During Test Increase (P.S.I.) <b>-0-</b>	Decrease (P.S.I.) <b>-0-</b>

TEST NO. 2

Date <b>2-20-64</b>	Well Shut In Time <b>8:00 A. M.</b>	Completion Producing (Indicate Casing or Tubing) <b>Tubing</b>	Same Well-Bore as Test No. 1 But With: And <b>Casing</b>
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**DATA ON PRODUCING COMPLETION**

Stabilized Shut In Pressure Prior to Test (P.S.I.) <b>1570</b>	Producing Completion—Well Opened: Date <b>2-22-64</b> Time <b>3:00 P. M.</b>	Choke Size (Inches) <b>5/16"</b>	Stabilized Flowing Pressure During Test (P.S.I.) <b>58</b>
Time Required for Stabilization of Flowing Pressure (HRS) <b>2-1/2</b>	Stabilized Shut in Pressure at End of Test (P.S.I.) <b>1500</b>	Time Required for Obtaining This Stabilized Shut In Pressure (HRS) <b>18</b>	

**DATA ON SHUT IN COMPLETION**

Stabilized Shut In Pressure Prior to Test (P.S.I.) <b>1200</b>	Shut In Pressure During Test: Minimum (P.S.I.) <b>1200</b>   Maximum (P.S.I.) <b>1210</b>	Stabilized Shut In Pressure At The End of Test (P.S.I.) <b>1210</b>
Length of Time Required For Obtaining Stabilized Pressure at End of Test (Hrs) <b>-0-</b>	Maximum Pressure Change of Shut In Completion During Test: Increase (P.S.I.) <b>10</b>	Decrease (P.S.I.) <b>-0-</b>

Class of Completion Testing, Whether Oil Well or Gas Well: Tubing <b>Gas well</b>   Casing <b>Gas well</b>	Was The _____ Notified of Test 24 Hours Prior to The Shut In of Both Completions At The Start of Test (Yes or No) <b>1</b>   <b>-0-</b>
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Executed this the 24th day of March, U-64  
 State of Texas  
 County of Bexar

*T. F. Dailey, Jr.*  
 Signature of Affiant

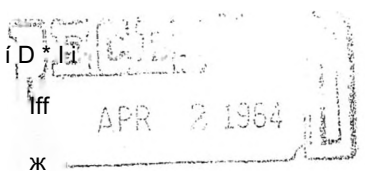
Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 24th day of March, 1964

SEAL  
 My commission expires JWQ-βL» 1.9.65.

T. F. Dailey, Jr. known to me to be the  
 Notary Public in and for Bexar  
 County, Texas

The undersigned representative of the \_\_\_\_\_ has  
 (witnessed and/or checked) the foregoing test.



**MISSISSIPPI STATE OIL AND GAS BOARD**

Packer Leakage Test  
 FORM 6-c - IOCC P-5

Authorized by Order No. 118-58      Effective November 1, 1958

**PACKER LEAKAGE TEST**

Field Name Siloam County Clay

Operator \_\_\_\_\_ Address American Exploration & Development Corp., 1815 NBC Building, San Antonio, Texas 7820

Well Number Location McLemore et al Unit 1 990' FNL 1200' FEL of Unit Sec. 36 T16S - R5E

TEST NO. 1

Date <u>2-18-64</u>	Well Shut In Time <u>1 8:00 A.M.</u>	Completion Producing (Indicate Casing or Tubing) <u>Casing</u>	Reservoir <u>Pennsylvanian) Tubing</u>	Completion Shut In (Indicate Casing or Tubing)	Reservoir <u>Mississippian</u>
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DATA ON PRODUCING COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.) <u>1246</u>	Producing Completion—Well Opened Date   Time <u>2-22-64   8:00 A. M.</u>	Choke Size (Inches) <u>3/16"</u>	Stabilized Flowing Pressure During Test (P.S.I.) <u>1013</u>
Time Required For Stabilization of Flowing Pressure (HRS) <u>2</u>	Stabilized Shut In Pressure At End of Test (P.S.I.) <u>1200</u>	Time Required For Obtaining This Stabilized Shut In Pressure (HRS) <u>4</u>	

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior To Test (P.S.I.) <u>1570</u>	Shut In Pressure During Test: Minimum (P.S.I.)   Maximum (P.S.I.) <u>1570   1570</u>	Stabilized Shut In Pressure at the End of Test: (P.S.I.) <u>1570</u>
Length of Time Required For Obtaining Stabilized Pressure at End of Test (HRS.) <u>-C1-</u>	Maximum Pressure Change of Shut-In Completion During Test Increase (P.S.I.)   Decrease (P.S.I.) <u>-0-   1   -0-</u>	

TEST NO. 2

Date <u>2-20-64</u>	Well Shut In Time <u>8:00 A. M.</u>	Completion Producing (Indicate Casing or Tubing) <u>Tubing</u>	Same Well-Bore as Test No. 1 But With: And <u>1</u>	Completion Shut In (Indicate Casing or Tubing) <u>Casing</u>
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DATA ON PRODUCING COMPLETION

Stabilized Shut in Pressure Prior to Test (P.S.I.) <u>1570</u>	Producing Completion—Well Opened: Date   Time <u>2-22-64   3:00 P. M.</u>	Choke Size (Inches) <u>5/16"</u>	Stabilized Flowing Pressure During Test (P.S.I.) <u>58</u>
Time Required for Stabilization of Flowing Pressure (HRS) <u>2-1/2</u>	Stabilized Shut in Pressure End of Test (P.S.I.) <u>1500</u>	at	Time Required for Obtaining This Stabilized Shut In Pressure (HRS) <u>18</u>

DATA ON SHUT IN COMPLETION

Stabilized Shut In Pressure Prior to Test (P.S.I.) <u>1200</u>	Shut In Pressure During Test: Minimum (P.S.I.)   Maximum (P.S.I.) <u>1200   1210</u>	Stabilized Shut In Pressure At The End of Test (P.S.I.) <u>1210</u>
Length of Time Required For Obtaining Stabilized Pressure at End of Test (Hrs) <u>-0-</u>	Maximum Pressure Change of Shut In Completion During Test: Increase (P.S.I.)   Decrease (P.S.I.) <u>10   1   -0-</u>	

Class of Completion Testing, <u>Tubing</u> <u>Gas well</u>	Whether Oil Well or Gas Well: <u>Casing</u> <u>Gas well</u>	Was The _____ Notified of Test 24 Hours Prior to The Shut In of Both Completions At The Start of Test (Yes or No)
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Executed this the 24th day of March, 1964  
State of Texas  
County of Bexar

J. A. Dailey, Jr.  
Signature of A \_\_\_\_\_

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

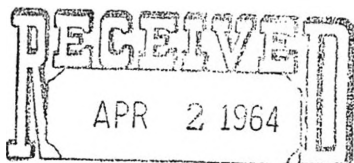
Subscribed and sworn to before me this 24th day of March, 1964

SEAL  
My commission expires- June 1, 1965

Jay L. Gay  
Notary Public in and for Bexar  
County, Texas

The undersigned representative of the \_\_\_\_\_ has  
(witnessed and/or checked) the foregoing test.

Representative



•W PH & JR®!

MISSISSIPPI STATE OIL AND GAS BOARD

Packer Leakage Test

FORM 6-c - IOCC P-5

Authorized by Order No. 118-58 Effective November 1, 1958

**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

Operator <b>American Exploration and Development Corporation</b>		Address <b>1815 N. B. C. Bldg., San Antonio, Texas 782</b>	
Lease Name <b>McLemore et al Unit #1</b>		Well Number <b>1-casing</b>	Field & Reservoir <b>Siloam - Pennsylvanian</b>
Location <b>990' From N. L. 1200' From E. L. of Unit</b>		Sec.—TWP—Range or Block & Survey <b>Sec. 36 T16S-R5E</b>	
County <b>Clay</b>	Permit number <b>304</b>	Date Issued <b>11-18-63</b>	Previous permit number 
Date spudded <b>11-21-63</b>	Date total depth reached <b>1-26-64</b>	Date completed, ready to produce <small>2-5-64</small> 	Elevation (DF, R&B, RT or Gr.) <b>215 DF est. ) feet</b>
Total depth <b>8, 821'</b>	P.B.T.D. <b>8, 758'(csg. shoe</b>	Single, dual or triple completion? <b>Dual Completion</b>	If this is a dual or triple completion, <b>SA</b> 'Or "ch com"
Producing interval (s) for this completion <b>4, 676'-79' &amp; 800P-07'</b>		Rotary tools used (Interval) <b>Total</b>	Cable tools used (interval) <b>None</b>
■ Was this well directionally drilled? Was directional survey made? <b>No</b>		Was copy of directional survey filed? <b>No</b>	Date filed 
Type of electrical or other logs run (check logs filed with the commission) <b>Gamma Ray— Collar</b> <b>Gamma Ray/Neutron; Induction; Densilog; Temperature; CBL</b>			Date filed <b>January-February/ 1964</b>

CASING RECORD

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Conductor	22"	13-5/8"	■ 4S#	72»	60	None
Surface	12-1/4"	9-5/8"	40#	2155»	1300	None
Production	8-3/4"	5-1/2" ^T	40#	1758»	1250	None

TUBING RECORD

Size	Depth set	Packer set at	Top	Bottom	Sacks cement	Screen (ft.)
2 7/8" in.	8, 539 ft.	8, 508 ft.				

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
8	4" NCF-2	4676-467^ L ü	8,400# ^20-40 Sd	4676-4679»
8	4" NCF-2	8001-8007»	10,000# 20-40 Sd	8001-8007'

INITIAL PRODUCTION

Date of first production <b>2-22-64</b>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump): <b>Flowing gas to flare for test. (Casing completion)</b>				
Date of test <b>2-22-64</b>	Hrs. tested <b>4</b>	Choke size <b>3/16"</b>	Oil prod. during test <b>No test bbls.</b>	Gas prod. during test <b>125 MCF</b>	Water prod. during test <b>Nil</b> bbls.	Oil gravity <b>° API (Corr)</b>
Tubing pressure (SI) 1570#	Casing pressure <b>1013#</b>	Cal'ed rate of Production per 24 hrs.	Oil <b>No test bbls.</b>	Gas <b>750 MCF</b>	Water <b>Nil bbls.</b>	Gas—oil ratio <b>No Test</b>

Disposition of gas (state whether vented, used for fuel or sold):

**Vented**

Executed this the 24th day of March, 1964  
 State of Texas  
 county of Bexar

*J. F. Dailey, Jr.*  
 Signature of Affiant

Before me, the undersigned authority, on this day personally appeared T. F. Dailey, Jr./-^ known to me to be the person whose name is subscribed to the above instrument, who being by me dully sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this March 1964 day of March

SEAL  
 My commission expires June 1 » 1965

*Joy L. Gay*  
 Notary Public in and for Bexar  
 County, Texas

**Casing tests as required by Statewide Rules 11 and 12 must be made.**

MISSISSIPPI STATE OIL AND GAS BOARD  
 Well Completion or Recompletion Report and Well Log  
 FORM 3 - IOCC P-7

**WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG**

DESIGNATE TYPE OF COMPLETION:

New Well  Work-Over  Deepen  Plug Back  Same Reservoir  Different Reservoir  Oil  Gas  Dry

DESCRIPTION OF WELL AND LEASE

operator <u>American Exploration and Development Corporation</u>		Address <sup>1815</sup> <u>Building San Antonio, Texas 78205</u>	
Lease Name <u>McLemore et al Unit #1</u>		Well Number <u>1-Tubing</u>	Field & Reservoir <u>Siloam - Mississippian</u>
Location <u>990' F.N.L. &amp; 1200' F.E. L. of Unit</u>		Sec.— <u>TVP-Range or Block &amp; Survey</u> <u>Sec. 36 T16S-R5E</u>	
County <u>Clay</u>	Permit number <u>304</u>	Date Issued <u>11-18-63</u>	Previous permit number
Date spudded <u>11-21-63</u>	Date total depth reached <u>1-26-64</u>	Date completed, ready to produce <u>2-5-64</u>	Elevation (DF, RKB, RT or Gr.) <u>M5 DF (est.)</u> feet
Total depth <u>8, 821'</u>	P.B.T.D. <u>8, 758'</u> / <u>csq. shoe</u>	Single, dual or triple completion? <u>Dual completion</u>	If this is a dual or triple completion, furnish separate report for each completion. <u>197 (est.) feet</u>
Producing interval (s) for this completion <u>8, 590'-8, 616'</u>		Rotary tools used (Interval) <u>Total</u>	Cable tools used (interval) <u>None</u>
Was this well directionally drilled? <u>No</u>	Was directional survey made? <u>No</u>	Was copy of directional survey filed? <u>NQ</u>	Date filed
Type of electrical or other logs run (check logs filed with the commission) <u>Gamma Ray- Collat</u> <u>Gamma Ray/Neutron; Induction; Densilog; Temperature; C. B. L.</u>			Date filed <u>1904</u> <u>January-February/</u>

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
<u>Conductor</u>	<u>22"</u>	<u>13-5/8"</u>	<u>48#</u>	<u>72'</u>	<u>60'</u>	<u>None</u>
<u>Surface</u>	<u>12-1/4"</u>	<u>9-5/8"</u>	<u>40#</u>	<u>2155'</u>	<u>1300</u>	<u>None</u>
<u>P-Tubing</u>	<u>8-3/4"</u>	<u>5-1/2"</u>	<u>17#</u>	<u>255'</u>	<u>1250</u>	<u>None</u>

TUBING RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
<u>2-7/8 in.</u>	<u>8, 539 n.</u>	<u>8, 508ft.</u>	<u>4 1/2 in.</u>	<u>8, 539 n.</u>	<u>8, 508ft.</u>		

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
<u>8</u>	<u>4"NCF-2</u>	<u>8590-86161</u>	<u>UL I CONIC (No. 1) -40 Sd</u>	<u>8590'-8616'</u>

INITIAL PRODUCTION

Date of first production <u>2-22-64</u>	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump.) <u>Flowing gas to flare for test</u>		
Date of test Hrs. tested <u>2-22-64</u>	Choke size <u>2-1/2</u>	Oil prod, during test <u>No test bbls.</u>	Gas prod, during test <u>15.6 MCF</u>
Tubing pressure <u>58#</u>	Casing pressure <u>1246 (SI)</u>	Cal'ated rate of Production per 24 hrs. <u>No test bbls.</u>	Oil gravity <u>• API (Corr)</u>
		Gas <u>150 MCF</u>	Water prod, during test <u>Nil</u>
			Oil gravity <u>• API (Corr)</u>
			Gas—oil ratio <u>No test</u>

Disposition of gas (state whether vented, used for fuel or sold):

Vented

Executed this the 24th day of MAY ch, 1964.  
 State of Texas )  
 County of Bexar )

J. F. Dailey, Jr.  
 Signature of Affiant

Before me, the undersigned authority, on this day personally appear T. F. Dailey, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 24th day of March, 1964

SEAL  
 My commission expires JUL 6 L 1964

Jos. L. Ga  
 Notary Public and for Bexar county, Texas

**Casing tests as required by Statewide Rules 11 and 12 must be made.**

MISSISSIPPI STATE OIL AND GAS BOARD  
 Well Completion or Recompletion Report and Well Log  
 FORM 3 - IOCC P-7

API	Well Type	Well Name	Operator	Field	County	Status	Sec	Town	T-Dir	Range	R-Dir	Lat	Long
23025000070000	DH	1ST NTL BNK/BIRMGHM 1	SHELL OIL CO.	Siloam	CLAY	PA	24	16	S	5	E	33.668323	-88.729534
23025200020001	GAS	A HARMON ROBINSON 1	BROWNING & WELCH, INC	Siloam	CLAY	PA	1	17	S	5	E	33.63293	88.73154
23025200140000	DH	A HARMON ROBINSON 2	BROWNING & WELCH, INC	Siloam	CLAY	PA	1	17	S	5	E	33.634659	-88.726875
23025000050000	Gas	COTTRELL ETAL UNIT 1	BRUXOIL, Inc.	Siloam	CLAY	CI	25	16	S	5	E	33.66195	-88.7369
23025000060000	Gas	FEDERAL LAND BANK 1	BRUXOIL, Inc.	Siloam	CLAY	PR	31	16	S	6	E	33.6464	-88.7166
23025000060010	GAS	FEDERAL LAND BANK 1	BRUXOIL, Inc.	Siloam	CLAY	PR	31	16	s	6	E		
23025200240000	Gas	J R HAWKINS ETAL 1	BROWNING & WELCH, INC	Siloam	CLAY	PR	36	16	s	5	E		
23025000080000	Gas	JARRETT ETAL 1	BRUXOIL, Inc.	Siloam	CLAY	PR	25	16	s	5	E	33.65664	-88.72559
23025000030000	GAS	M B MCFADDEN ETAL 1	CHASTAIN, M. B.	Siloam	CLAY	PA	36	16	s	5	E	33.641934	-88.727031
23025200390000	DH	MCCLENTON 1	SOUTHFIELD PETROLEUM CO.	Siloam	CLAY	PA	30	16	s	6	E	33.655262	-88.706612
23025200410000	DH	MCCLINTON 1-A	HURST, C. A.	Siloam	CLAY	PA	30	16	s	6	E	33.655259	-88.706535
23025000150000	GAS	MCLEMORE ETAL UNIT 1	SAMSON RESOURCES CO.	Siloam	CLAY	PA	36	16	s	5	E	33.648297	-88.726275
23025200040000	Gas	R F MCFADDEN 1	BROWNING & WELCH, INC	Siloam	CLAY	AA	36	16	s	5	E		
23025000090000	Gas	ROGERS ETAL UNIT 1	BRUXOIL, Inc.	Siloam	CLAY	PR	6	17	s	6	E	33.6338	-88.71453
23025200270000	DH	SIMMONS 1	BROWNING & WELCH, INC	Siloam	CLAY	PA	36	16	s	5	E	33.646393	-88.732715
23025200630000	GAS	SIMMONS 1	LAUREL FUEL CO	Siloam	CLAY	DG	35	16	s	5	E	33.64978	-88.74495
23025200620000	GAS	SIMMONS 1	OXBOW EXPLORATION COMPANY	Siloam	CLAY	EX	35	16	s	5	E		
23025200520000	DH	SIMMONS UNIT 36-7 1	MERIDIAN OIL INC	Siloam	CLAY	PA	36	16	s	5	E	33.646524	-88.727839
23025200610000	GAS	WILSON 10-24# 1	STROUD OIL PROPERTIES, INC.	Siloam	CLAY	CPL	24	16	s	5	E	33.6684	-88.73

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200390000</u>	Section:	<u>30</u>	Spud Date:		Original Op:	<u>SOUTHFIELD</u> <u>PET</u>
Well Name:	<u>MCCLENTON 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>SOUTHFIELD</u> <u>PETROLEUM CO.</u>	Range:	<u>6E</u>	TD Date:	<u>11/1/1982</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.655262</u>	Plug Date:	<u>11/27/1982</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.706612</u>	Approve Date:			I
Type:	<u>DH</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000050000</u>	Section:	<u>25</u>	Spud Date:	<u>10/29/1959</u>	Original Op:	<u>SHELL OIL</u>
Well Name:	<u>COTTRELL ETAL UNIT 1</u>	Township:	<u>16S</u>	Date Completed:	<u>2/17/1960</u>	Unit Acres:	
Operator:	<u>BRUXOIL, Inc.</u>	Range:	<u>5E</u>	TD Date:	<u>2/1/1960</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.66195</u>	Plug Date:			
County:	<u>CLAY</u>	Longitude:	<u>-88.7369</u>	Approve Date:	<u>8/24/1959</u>		
Type:	<u>Gas</u>	Elevation (GR):		Production Date:	<u>7/22/2002</u>		
Status:	<u>CI</u>						

## Permit Information

Permit #	Permit Depth	Dt Approved	Surf Casing	Dist From Well	Docket #	Final Appi.	Description
2005-WOP-Oil		2004-08-04 12:07:12	0	0			1407 1300'SAND 1000'E OF 14 NW CORNER
2003-WOP-033	3924	2002-11-13	1607	3500			1339 1300' S & 1000' E OF NW 98 CORNER
2003-WOP-002		2002-07-10 09:42:12	0	0			1325 1300' S& 1000' E OF 34 NW/COR.



## Casing Information

Type Pipe	Diameter	Top	Bottom
COND	16	0	60
HOLI	24	0	60
HOL2	12	60	1607
HOL3	8.75	1607	8897
PBTD			4038
PKR			4038
PROD	5.5	0	8897
SURF	10.75	0	1607
TI	2.875		4038

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200620000</u>	Section:	<u>35</u>	Spud Date:		Original Op:	
Well Name:	<u>SIMMONS 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	<u>320</u>
Operator:	<u>OXBOW EXPLORATION COMPANY</u>	Range:	<u>5E</u>	TD Date:		TD (ft):	
Field:	<u>Siloam</u>	Latitude:		Plug Date:			
County:	<u>CLAY</u>	Longitude:		Approve Date:	<u>2/18/2004</u>		
Type:	<u>GAS</u>	Elevation (GR):	<u>229</u>	Production Date:			
Status:	<u>EX</u>						

## Permit Information

Permit #	Permit Depth	Dt Approved	Surf Casing	Dist From Well	Docket #	Final #	Appi. #	Description
2004-OPD-254	4500	2004-02-18	1700	5000	049-2004-117	078-2004	13754 9	362' FNL & 1456' FEL

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000070000</u>	Section:	<u>24</u>	Spud Date:		Original Op:	<u>SHELL OIL</u>
Well Name:	<u>1ST NTL BNK/BIRMGHM 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	-----
Operator:	<u>SHELL OIL CO.</u>	Range:	<u>5E</u>	TD Date:	<u>10/1/1961</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.668323</u>	Plug Date:	<u>10/7/1961</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.729534</u>	Approve Date:			
Type:	<u>DH</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000150000</u>	Section:	<u>36</u>	Spud Date:		Original Op:	<u>AMERICAN EXPL &amp; DEV</u>
Well Name:	<u>MCLEMORE ETAL UNIT 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>SAMSON RESOURCES CO.</u>	Range:	<u>5E</u>	TD Date:	<u>2/1/1964</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.648297</u>	Plug Date:	<u>8/29/1972</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.726275</u>	Approve Date:			
Type:	<u>GAS</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200520000</u>	Section:	<u>36</u>	Spud Date:		Original Op:	<u>MERIDIAN OIL PROD</u>
Well Name:	<u>SIMMONS UNIT 36-7 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>MERIDIAN OIL INC</u>	Range:	<u>5E</u>	TD Date:	<u>9/1/1988</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.646524</u>	Plug Date:	<u>9/6/1988</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.727839</u>	Approve Date:			
Type:	<u>PH</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200630000</u>	Section:	<u>35</u>	Spud Date:	<u>10/29/2004</u>	Original Op:	
Well (Name):	<u>SIMMONS 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	<u>320</u>
Operator:	<u>LAUREL FUEL CO</u>	Range:	<u>5E</u>	TD Date:		TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.64978</u>	Plug Date:			
County:	<u>CLAY</u>	Longitude:	<u>-88.74495</u>	Approve Date:	<u>9/15/2004</u>		
Type:	<u>GAS</u>	Elevation (GR):	<u>229</u>	Production Date:			
Status:	<u>DG</u>						

## Permit Information

Permit #	Permit Depth	Permit Dt Approved	Surf Casing	Dist From Well	Docket #	Final Appi. ##	Description
2005-COP-083		2004-09-28 10:32:04	0	0			597 362 FFNL & 1456 FFEL
2005-OPD-079	4800	2004-09-15 14:20:23	1700	5000	312-2004-117	436-14077 2004 7	362'FNL&1456'FEL

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000030000</u>	Section:	<u>36</u>	Spud Date:		Original Op:	<u>CARTER OIL</u>
WeH Name:	<u>M B MCFADDEN ETAL 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>CHASTAIN, M. B.</u>	Range:	<u>5E</u>	TD Date:	<u>7/1/1953</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.641934</u>	Plug Date:	<u>7/13/1956</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.727031</u>	Approve Date:			
Type:	<u>GAS</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200410000</u>	Section:	<u>30</u>	Spud Date:		Original Op:	<u>SOUTHFIELD (PET)</u>
Well Name:	<u>MCCLINTON 1-A</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>HURST, C. A.</u>	Range:	<u>6E</u>	TD Date:	<u>4/1/1982</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.655259</u>	Plug Date:	<u>6/3/1983</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.706535</u>	Approve Date:			
Type:	<u>DH</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						1



## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000090000</u>	Section:	<u>06</u>	Spud Date:		Original Op:	<u>SHELL OIL</u>
Well Name:	<u>ROGERS ETAL UNIT 1</u>	Township:	<u>17S</u>	Date Completed:		Unit Acres:	
Operator:	<u>BRUXOIL, Inc.</u>	Range:	<u>6E</u>	TD Date:	<u>19/1/1962</u>	TD (ft):	1
Field:	<u>Silbam</u>	Latitude:	<u>33.6338</u>	Plug Date:			
County:	<u>CLAY</u>	Longitude:	<u>-88.71453</u>	Approve Date:			
Type:	<u>Gas</u>	Elevation (GR):	<u>-</u>	Production Date:			
Status:	<u>PR</u>						

## Permit Information

Permit #	Permit Depth	Dt Approved	Surf Casing	Dist From Well	Docket Final Appi. ###	Description
2005-WOP-103		2005-04-04 15:56:48	0 0		2960 1600'FWL& 1000'FNL	

Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000060000</u>	Section:	<u>31</u>	Spud Date:		Original Op:	<u>SHELL</u> <u>OIL</u>
Well Name:	<u>FEDERAL LAND BANK</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>BRUXOIL Inc.</u>	Range:	<u>6E</u>	TD Date:	<u>6/1/1960</u>	TD(ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.6464</u>	Plug Date:			
County:	<u>CLAY</u>	Longitude:	<u>-88.7166</u>	Approve Date:			
Type:	<u>Gas</u>	Elevation (GR):		Production Date:			
Status:	<u>PR</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025000080000</u>	Section:	<u>25</u>	Spud Date:		Original Op:	<u>SHELL OIL</u>
Well Name:	<u>JARRETT ETAL 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	<u>640</u>
Operator:	<u>BRUXOIL, Inc.</u>	Range:	<u>5E</u>	TD Date:	<u>3/1/1958</u>	TD(ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.65664</u>	Plug Date:			
County:	<u>CLAY</u>	Longitude:	<u>-88.72559</u>	Approve Date:			
Type:	<u>Gas</u>	Elevation (GR):	<u>215</u>	Production Date:			
Status:	<u>PR</u>						

## Permit Information

Permit #	Permit Depth	Dt Surf Approved	Dist From Well	Docket #	Final #	Appi. #	Description
2001- WOP- 9715 047	<u>2</u>	<u>00101' 1539</u>	4100			127652 1781	FEL & 660' FNL of SE/4

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200270000</u>	Section:	<u>36</u>	Spud Date:		Original Op:	<u>BROWNING &amp; WELCH</u>
Well Name:	<u>SIMMONS 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>BROWNING &amp; WELCH, INC</u>	Range:	<u>5E</u>	TD Date:	<u>5/1/1980</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.646393</u>	Plug Date:	<u>5/16/1980</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.732715</u>	Approve Date:			
Type:	<u>DH</u>	Elevation (GR):		Production Date:			
Status:	<u>PA</u>						

# Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200040000</u>	Section: 36		Spud Date: 8/	<u>1/1974</u>	Original Op:	<u>ARCO</u> <u>DRLG ETAL</u>
Well Name:	<u>R F MCFADDEN 1</u>	Township: 16S		Date Completed:	<u>10/17/1974</u>	Unit Acres:	
Operator:	<u>BROWNING &amp; WELCH INC</u>	Range: 5E		TD Date:	<u>11/1/1974</u>	TD(ft):	<u>8200</u>
Field:	<u>Siloam</u>	Latitude:		Plug Date:			
County:	<u>CLAY</u>	Longitude:		Approve Date:			
Type:	<u>Gas</u>	Elevation (GR):		Production Date:	<u>11/1/1974</u>		
Status:	<u>AA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200240000</u>	Section:	<u>36</u>	Spud Date:		Original Op:	<u>BROWNING &amp; WELCH</u>
Well Name:	<u>J R HAWKINS ETAL 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	
Operator:	<u>BROWNING &amp; WELCH, INC</u>	Range:	<u>5E</u>	TD Date:	<u>10/1/1980</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:		Plug Date:			
County:	<u>CLAY</u>	Longitude:		Approve Date:			
Type:	<u>Gas</u>	Elevation (GR):		Production Date:			
Status:	<u>PR</u>						

Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200140000</u>	Section:	<u>01</u>	Spud Date:		Original Op:	<u>BROWNING &amp; WELCH</u>
Well Name:	<u>A HARMON ROBINSON J</u>	Township:	<u>17S</u>	Date Completed:		Unit Acres:	
Operator:	<u>BROWNING &amp; WELCH, INC</u>	Range:	<u>5E</u>	TD Date:	<u>7/1/1976</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.634659</u>	Plug Date:	<u>7/9/1976</u>		
County:	<u>CLAY</u>	Longitude:	<u>-88.726875</u>	Approve Date:			
Type:	<u>PH</u>	Elevation (GR): .....		Production Date:			
Status:	<u>PA</u>						

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200020001</u>	Section:	<u>01</u>	Spud Date:	<u>6/3/2005</u>	Original Op:	<u>LARCO DRLG AND BROWNING &amp; WELCH</u>
Well Name:	<u>A HARMON ROBINSON 1</u>	Township:	<u>17S</u>	Date Completed:		Unit Acres:	<u>320</u>
Operator:	<u>BROWNING &amp; WELCH, INC.</u>	Range:	<u>5E</u>	TD Date:	<u>6/11/2005</u>	ID (ft):	<u>3625</u>
Field:	<u>Siloam</u>	Latitude:	<u>33.63293</u>	Plug Date:	<u>6/30/2005</u>		
County:	<u>CLAY</u>	Longitude:	<u>88.73154</u>	Approve Date:	<u>1/27/2005</u>		
Type:	<u>GAS</u>	Elevation (GR):	<u>214</u>	Production Date:			
Status:	<u>PA</u>						

## Permit Information

Permit #	Permit	Depth	Surf Dist From Dock	Final Appi.	Descr.pt.on
2005- OPD- 3500 228	2005- 0127	1524	2350		2160 1300' fml & 2579.2 1' fwl

## Casing Information

Type Pipe	Diameter	Top	Bottom
HOLI	12.25	0	1524
HOL2	7.875	1524	3589
PBTD			3525



P KR			3387
PROD	4.5	0	3589
SURF	8.625	0	1524

## Well Information

GENERAL INFORMATION		LOCATION		DATES		OTHER INFORMATION	
API #:	<u>23025200610000</u>	Section:	<u>1</u> <u>r</u>	Spud Date:	<u>10/24/2001</u>	Original Op:	
Well Name:	<u>WILSON 10-24# 1</u>	Township:	<u>16S</u>	Date Completed:		Unit Acres:	<u>640</u>
Operator:	<u>STROUD OIL PROPERTIES, INC.</u>	Range:	<u>5E</u>	TD Date:	<u>12/14/2002</u>	TD (ft):	
Field:	<u>Siloam</u>	Latitude:	<u>33.6684</u>	Plug Date:			
County:	<u>CLAY</u>	Longitude:	<u>-88.73</u>	Approve Date:	<u>9/19/2001</u>		
Type:	<u>GAS</u>	Elevation (GR):		Production Date:			
Status:	<u>CPL</u>						

## Permit Information

Permit #	Permit Depth	Dt Approved	Surf Casing	Dist From Well	Docket #	Final Appi. #	Description
2002-WOP-089	6950	2002-04-16 08:31:39	1600	2000			13165 990' FSL & 3044' FWL OF 3 SEC 24
2002-OPD-067	9600	2001-09-19	1750	2000	227-2001-117	389-12968 20019	

## Casing Information

Type Pipe	Diameter	Top	Bottom
HOLI	12.25	0	1600
HOL2	8.375	1600	9592
II	5.5	0	9592
SURF	9.625	0	1600

## SILOAM FIELD

### CLAY COUNTY, MISSISSIPPI

LOCATION - Siloam field is located in east central Clay County in the north central portion of the Black Warrior Basin.

DISCOVERY DATA - the discovery well for the field was drilled on data provided by seismic shot in the area.

Well - Mattie B. McFadden, et al No. 1

Company - Carter Oil Company

Discovery Well Location - Sec. 36-T16S-R5E

Completion Date - June 13, 1953

Perforations - 8,614 to 8,633 feet

Initial Producing Formation - Millerella Sandstone

Initial Potential - 580 MCFG/D and 2 B/D of 59 degree distillate through a 1/4" choke, TP 625 psi, GOR 290,000:1

Total Depth - 9,580 feet

NATURE OF TRAP - Northwest-southeast trending faulted anticline with production on the upthrown portions of a major down-to-the-north fault that appears to bifurcate in the central portion of the field area.

#### ADDITIONAL INFORMATION -

All reservoirs produce by gas expansion. Siloam field was completed in what was initially termed the Millerella Sandstone and later identified as the Carter Sandstone. Production was later established in the following gas pools in addition to the Carter pool: the Pennsylvanian, the 3400' Pennsylvanian, and the Rea Sand. The Rea Sand is a Mississippian-age sand that occurs below the base of the Carter Sand.

CUMULATIVE PRODUCTION - FIELD AND BY POOL TO 09/01/05 (see file  
Production by Field, Pool, and well for monthly production - includes totals  
reproduced here)

ALL POOLS

<u>Oil (Bbls.)</u>	<u>Water (Bbls.)</u>	<u>Gas (MCF)</u>	<u>Trans Gas (MCF)</u>
59,155	67,160	20,101,040	777,561

PENN SAND GAS POOL

<u>Oil (Bbls.)</u>	<u>Water (Bbls.)</u>	<u>Gas (MCF)</u>	<u>Trans Gas (MCF)</u>
15,959	25,540	4,809,539	267,779

3400' PENN SAND GAS POOL

<u>Oil (Bbls.)</u>	<u>Water (Bbls.)</u>	<u>Gas (MCF)</u>	<u>Trans Gas (MCF)</u>
10	154	241,731	15,251

CARTER SAND GAS POOL

<u>Oil (Bbls.)</u>	<u>Water (Bbls.)</u>	<u>Gas (MCF)</u>	<u>Trans Gas (MCF)</u>
41,707	41,263	14,046,135	400,344

REA SAND GAS POOL

<u>Oil (Bbls.)</u>	<u>Water (Bbls.)</u>	<u>Gas (MCF)</u>	<u>Trans Gas (MCF)</u>
1,479	203	1,003,635	94,187