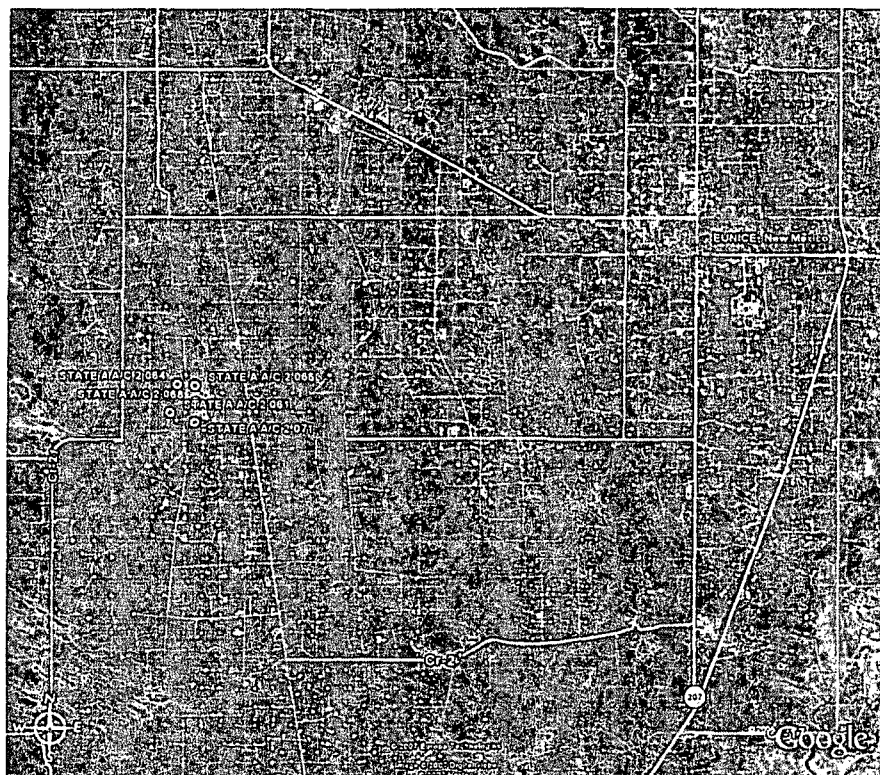


**C-108 Application for Authority to Inject
Five-Well Waterflood Project
Lea County, New Mexico**



February 13, 2007

**Prepared For:
Petrohawk Energy Corporation
1000 Louisiana, Suite 5600
Houston, Texas 77002**

**Submitted To:
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505**

**Prepared By:
Geolex, Inc.
500 Marquette Ave. NW, Suite 1350
Albuquerque, NM 87102**

**BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 13891 Exhibit No. 3
Submitted by:
PETROHAWK ENERGY CORPORATION
Hearing Date: March 15, 2007**

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Petrohawk Energy Corporation (Petrohawk) proposes to use 5 existing wells in Sections 8 and 9, Township 22 South, Range 36 East in Lea County, New Mexico, as injection wells for a waterflood project in the Queen formation.

Application qualifies for administrative approval: Yes: however, NMOCD has determined that all new waterflood applications will be required to go to hearing.

- II. OPERATOR:
Petrohawk Energy Corporation
1100 Louisiana, Suite 4400
Houston, Texas 77002

Contact: Ms. Nancy K. Gatti, Regulatory Manager
Telephone: 832-369-2126

- III. WELL DATA:

Schematics of the proposed injection wells are enclosed as Attachment A: *Supplemental Well Data for C-108, Section III: Proposed Well Schematics*. The proposed waterflood comprises wells State A A/C 2 #61, #64, #65, #68 and #71 to be completed as injection wells. Locations of these wells can be found in Attachment B: *Figure 2- Wells Within One Half-Mile Radii of Proposed Waterflood Wells*. Injection fluids will be produced water from other wells also completed in the Queen Formation, and will exhibit the same chemistry as the formation fluids.

- IV. IS THIS AN EXPANSION OF AN EXISTING PROJECT?

This is an application to reactivate portions of a previously permitted waterflood project (NMOCD Orders No. WXF-518 and WFX-530) which was temporarily abandoned.

- V. ATTACH A MAP THAT IDENTIFIES ALL WELLS AND LEASES WITHIN TWO MILES OF ANY PROPOSED INJECTION WELL WITH A ONE-HALF MILE RADIUS CIRCLE DRAWN AROUND EACH PROPOSED INJECTION WELL. THIS CIRCLE IDENTIFIES THE WELL'S AREA OF REVIEW.

The locations of all wells within the 2-mile radius and ½-mile area of review of the proposed injection wells are provided in the attached Attachment B: *Supplemental Data for C-108, Section V: Figure 1 – Wells Within Two-Mile Radii of Proposed Waterflood Wells and Figure 2- Wells Within One Half-Mile Radii of Proposed Waterflood Wells*.

Locations of adjacent leases are provided in Attachment C: *Supplemental data for C-108, Section V: Figure 3-Locations of Leases Within One Half Mile of Proposed Waterflood Wells and Supplemental data for C-108, Section V: Figure 4-Locations of Leases Within Two Miles of the Proposed Waterflood Wells*.

- VI. ATTACH A TABULATION OF DATA ON ALL WELLS OF PUBLIC RECORD WITHIN THE AREA OF REVIEW WHICH PENETRATE THE PROPOSED INJECTION ZONE. SUCH DATA SHALL INCLUDE A DESCRIPTION OF EACH WELL'S TYPE, CONSTRUCTION, DATE DRILLED, LOCATION, DEPTH, RECORD OF COMPLETION, AND A SCHEMATIC OF ANY PLUGGED WELL ILLUSTRATING ALL PLUGGING DETAIL.

The tabulation of the available public data on wells within the area of review are presented in Attachment D: *Supplemental Data for C-108, Section VI: Tabulation of Wells*. The requested data for the wells in the ½-mile radius are included in Attachment E1: *Supplemental Data for C-108, Section VI: Documentation of Active and Temporarily Abandoned Wells and Attachment E2: Supplemental Data for C-108, Section VI: Documentation of Plugged Wells*.

VII. ATTACH DATA ON THE PROPOSED OPERATION, INCLUDING:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
1. The proposed total amount of produced water injection received by the 5 wells will be an average of 1000 barrels per day, with a maximum rate of 2000 barrels per day. The amount of produced water injected into any specific well will be determined by engineering considerations for the waterflood operation and may vary on a per well basis as needed to optimize the performance of the waterflood.
 2. At the location the Queen Formation is a closed system. Additional geological data for the area of the proposed injection well is included as the attached Attachment E: *Supplemental Data for C-108, Section VII - Geology*.
 3. The proposed average injection pressure may range from zero ("Vacuum") to a maximum is 750 psi. At the depth of the proposed injection zone (3780 to 3900 feet), the lithostatic pressure is approximately 3800 pounds per square inch, preventing any potential for fracturing or formation damage.
 4. The injection fluid is produced water from wells in the existing field and is compatible with fluid in the Queen Formation. Detailed analyses are included as Attachment F: *Supplemental Data for C-108, Section VII – Injection Fluid Analyses*.
 5. Formation water in the proposed injection wells in the Queen Formation ranges from 10,400 to 47,700 mg/l Total Dissolved Solids. These are the same waters proposed to be injected into in the proposed waterflood wells. The formation water characterization is included as Attachment H: *Supplemental Data for C-108, Section VII – Formation Fluid Analyses*.

*VIII. ATTACH APPROPRIATE GEOLOGIC DATA ON THE INJECTION ZONE INCLUDING APPROPRIATE LITHOLOGIC DETAIL, GEOLOGIC NAME, THICKNESS, AND DEPTH. GIVE THE GEOLOGIC NAME, AND DEPTH TO BOTTOM OF ALL UNDERGROUND SOURCES OF DRINKING WATER (AQUIFERS CONTAINING WATERS WITH TOTAL DISSOLVED SOLIDS CONCENTRATIONS OF 10,000 MG/L OR LESS) OVERLYING THE PROPOSED INJECTION ZONE AS WELL AS ANY SUCH SOURCES KNOWN TO BE IMMEDIATELY UNDERLYING THE INJECTION INTERVAL.

The general stratigraphy in the vicinity of the proposed wells is summarized as:

Unit	From (feet)	To (feet)	Thickness (feet)
Sand & Redbeds	0	1380	1380
Anhydrite	1380	1683	303
Salt	1683	3040	1357
Yates	3040	3400	360
Seven Rivers	3400	3723	323
Queen	3723	3991	268

There are no sources of underground drinking water below the Queen Formation.

The target zone for the proposed waterflood wells is:

Geological Name: Queen Formation
Lithologies: Dolomite and Limestone
Thicknesses: 250' to 300'
Depths: 3700' to 3900'

The geometry of the overlying salt and the Seven Rivers – Queen interval are shown in Appendix F: *Supplemental Data for C-108, Section VII: Geology*. Map 1 shows that the thickness of the salt overlying the target zone is continuous in the area of interest, and ranges from approximately 1100 to 1300 feet. Map 2 shows the thickness of the salt. The overall thickness of the Queen interval, ranges from 250 to 300 feet.

The only drinking water aquifer in the area is in the surficial, alluvial deposits of the Ogallala Formation. This unit is locally 100 to 200 feet thick, and the unconfined aquifer in this formation is encountered at 40 to 80 feet below the surface. Analyses of drinking water samples from published representative water wells (Sections 1, 2 and 11, T22S, R36E) are included as Appendix I: *Supplemental Data for Section VIII: Local Groundwater Analyses*. These analyses show that the Total Dissolved Solids for the analyzed drinking water in the area ranges from 1090 to 6170 milligrams per liter.

IX. DESCRIBE THE PROPOSED STIMULATION PROGRAM, IF ANY.

No stimulation is proposed.

*X. ATTACH APPROPRIATE LOGGING AND TEST DATA ON THE WELL. (IF WELL LOGS HAVE BEEN FILED WITH THE DIVISION, THEY NEED NOT BE RESUBMITTED).

Schematics of the proposed injection wells are enclosed as Attachment A: *Supplemental Well Data for C-108, Section III: Proposed Well Schematics*. Logs, well reports and other applicable information have been previously submitted to NMOCD on these wells which are as follows:

API NUMBER	WELL NAME	STATUS
3002523507	STATE A A/C 2 061	Temporarily Abandoned
3002528273	STATE A A/C 2 064	Temporarily Abandoned
3002528274	STATE A A/C 2 065	Temporarily Abandoned
3002528277	STATE A A/C 2 068	Temporarily Abandoned
3002528278	STATE A A/C 2 069	Temporarily Abandoned
3002528280	STATE A A/C 2 071	Temporarily Abandoned

The drilling and completion information on these wells is available in the NMOCD's files and has been summarized on the well diagrams included as Attachment A: *Supplemental Well Data for C-108, Section III: Proposed Well Schematics*.

*XI. ATTACH A CHEMICAL ANALYSIS OF FRESH WATER FROM TWO OR MORE FRESH WATER WELLS (IF AVAILABLE AND PRODUCING) WITHIN ONE MILE OF ANY INJECTION OR DISPOSAL WELL SHOWING LOCATION OF WELLS AND DATES SAMPLES WERE TAKEN.

Data on water wells received from the State Engineer is included as Appendix J: *Supplemental Data for C-108, Section XI: Water Wells*, and locations are plotted on a map included in the same section. The required analyses of groundwater in the area are included in *Supplemental Data for C-108, Section XI: Groundwater Analyses*.

XII. APPLICANTS FOR DISPOSAL WELLS MUST MAKE AN AFFIRMATIVE STATEMENT THAT THEY HAVE EXAMINED AVAILABLE GEOLOGIC AND ENGINEERING DATA AND FIND NO EVIDENCE OF OPEN FAULTS OR ANY OTHER HYDROLOGIC CONNECTION BETWEEN THE DISPOSAL ZONE AND ANY UNDERGROUND SOURCES OF DRINKING WATER.


We have analyzed the available geological and engineering data and affirm that there are no open faults or other hydrogeological connections between the proposed injection zone(s) and the known sources of drinking water (see Sections VII and VIII also).

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

Notices are being prepared for adjacent operators, and a public notice for interested parties will be published in Lea County, New Mexico. Copies of all certified notices are provided in Appendix K: *Supplemental Data for C-108, Section XIII: Return Receipt from notices and copies of the publication affidavits will be submitted upon receipt.*

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Alberto A. Gutierrez (for Petrohawk) TITLE: President; Geolex, Inc.

SIGNATURE:  DATE: 2/12/07

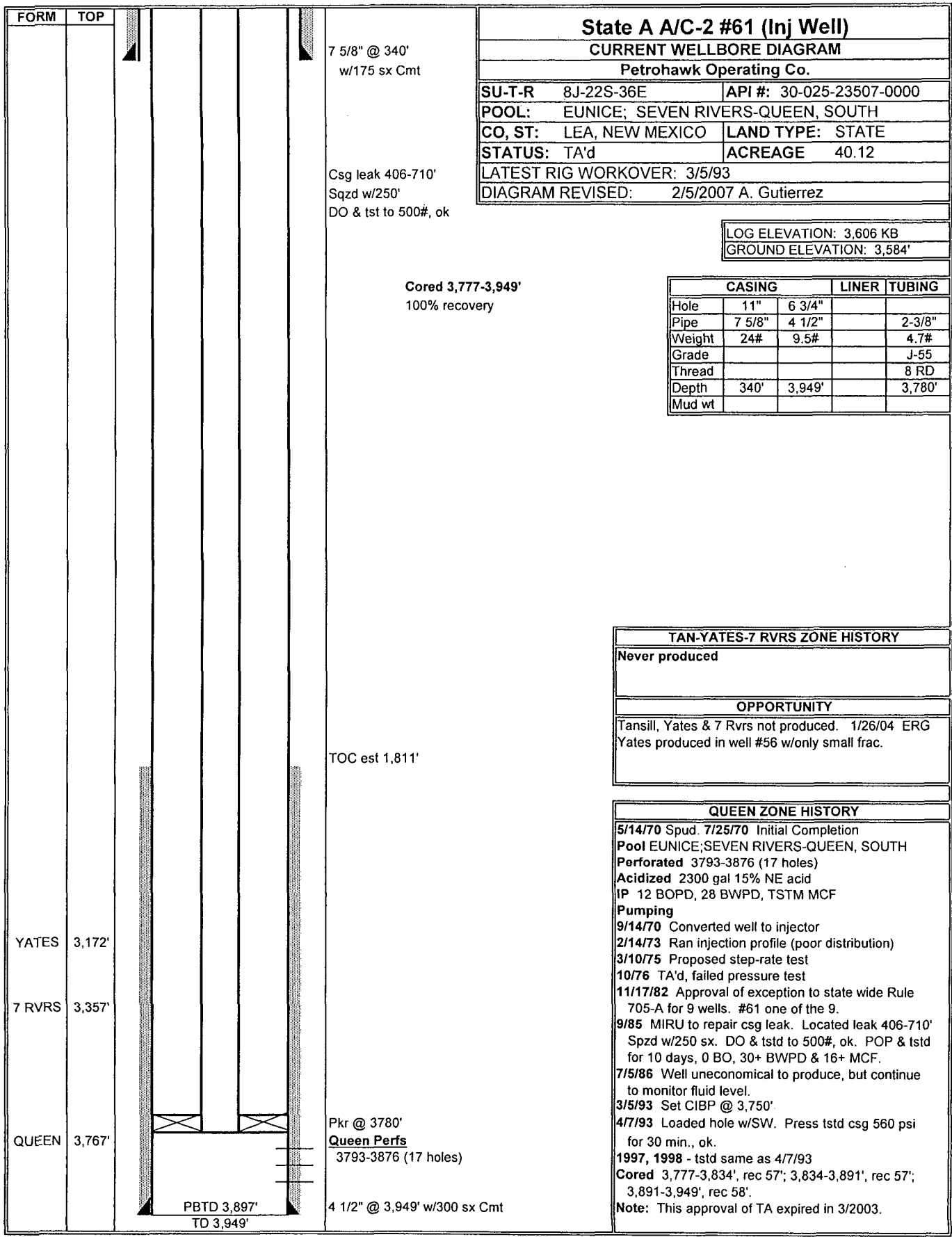
E-MAIL ADDRESS: aag@geolex.com

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: N/A

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Attachment A:

Supplemental Well Data for C-108, Section III: Proposed Well Schematics.



State A A/C-2 #61 (Inj Well)

CURRENT WELLBORE DIAGRAM

Petrohawk Operating Co.

SU-T-R	8J-22S-36E	API #:	30-025-23507-0000
POOL:	EUNICE; SEVEN RIVERS-QUEEN, SOUTH		
CO, ST:	LEA, NEW MEXICO	LAND TYPE:	STATE
STATUS:	TA'd	ACREAGE	40.12
LATEST RIG WORKOVER:	3/5/93		
DIAGRAM REVISED:	2/5/2007 A. Gutierrez		

LOG ELEVATION: 3,606 KB
GROUND ELEVATION: 3,584'

	CASING	LINER	TUBING
Hole	11"	6 3/4"	
Pipe	7 5/8"	4 1/2"	2-3/8"
Weight	24#	9.5#	4.7#
Grade			J-55
Thread			8 RD
Depth	340'	3,949'	3,780'
Mud wt			

Cored 3,777-3,949'
100% recovery

TAN-YATES-7 RVRS ZONE HISTORY
Never produced
OPPORTUNITY
Tansill, Yates & 7 Rvrs not produced. 1/26/04 ERG Yates produced in well #56 w/only small frac.

QUEEN ZONE HISTORY
5/14/70 Spud. 7/25/70 Initial Completion Pool EUNICE; SEVEN RIVERS-QUEEN, SOUTH Perforated 3793-3876 (17 holes) Acidized 2300 gal 15% NE acid IP 12 BOPD, 28 BWPD, TSTM MCF Pumping 9/14/70 Converted well to injector 2/14/73 Ran injection profile (poor distribution) 3/10/75 Proposed step-rate test 10/76 TA'd, failed pressure test 11/17/82 Approval of exception to state wide Rule 705-A for 9 wells. #61 one of the 9. 9/85 MIRU to repair csg leak. Located leak 406-710' Spzd w/250 sx. DO & tstd to 500#, ok. POP & tstd for 10 days, 0 BO, 30+ BWPD & 16+ MCF. 7/5/86 Well uneconomical to produce, but continue to monitor fluid level. 3/5/93 Set CIBP @ 3,750'. 4/7/93 Loaded hole w/SW. Press tstd csg 560 psi for 30 min., ok. 1997, 1998 - tstd same as 4/7/93 Cored 3,777-3,834', rec 57'; 3,834-3,891', rec 57'; 3,891-3,949', rec 58'. Note: This approval of TA expired in 3/2003.

7 5/8" @ 340'
w/175 sx Cmt

Csg leak 406-710'
Spzd w/250'
DO & tst to 500#, ok

TOC est 1,811'

Pkr @ 3780'
Queen Perfs
3793-3876 (17 holes)

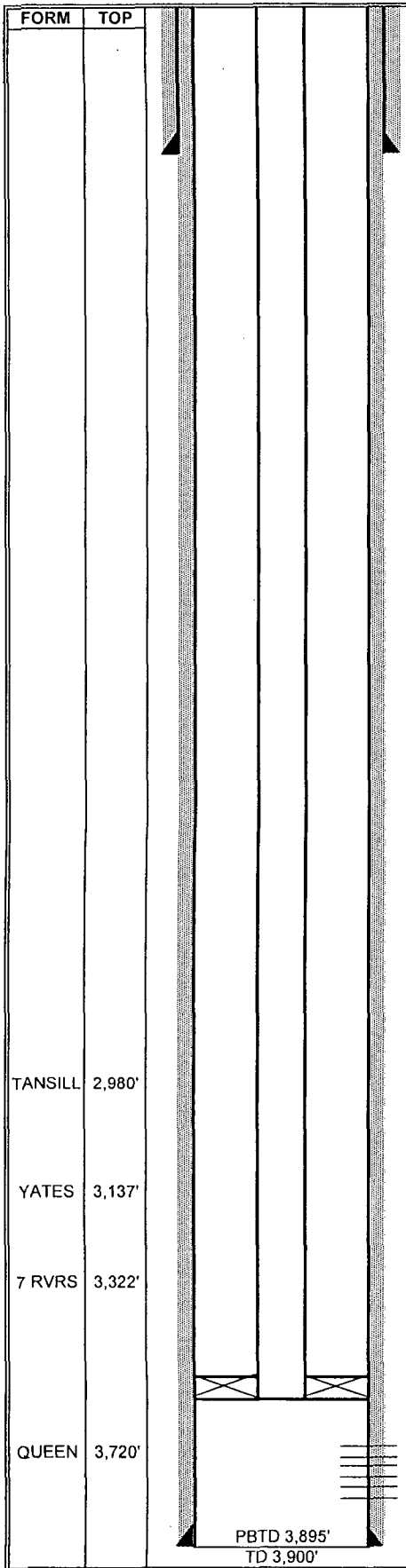
4 1/2" @ 3,949' w/300 sx Cmt

YATES 3,172'

7 RVRS 3,357'

QUEEN 3,767'

PBT 3,897'
TO 3,949'



8 5/8" @ 579'
w/ 375 sx Cmt

LOGS
CNL

DV Tool @ 2,691'
w/1000 sx Cmt

TOC surface

Packer @ 3,713'

Queen Perfs
3756-3788' (37 holes)
3792-3832' (41 holes)
3840-3876' (33 holes)

5 1/2" @ 3,900' w/300 sx Cmt

PBTD 3,895'
TD 3,900'

State A A/C-2 #64 (Inj Well)

CURRENT WELLBORE DIAGRAM

Petrohawk Operating Co.

SU-T-R	8A-22S-36E	API #:	30-025-28273-0000
POOL:	EUNICE;SEVEN RIVERS-QUEEN, SOUTH		
CO, ST:	LEA, NEW MEXICO	LAND TYPE:	STATE
STATUS:	TA	ACREAGE	40.12
LATEST RIG WORKOVER:			
DIAGRAM REVISED: 1/26/2007 By CD Morro			

LOG ELEVATION: 3,576' KB
GROUND ELEVATION: 3,564'

	CASING	LINER	TUBING
Hole	12 1/4"	7 7/8"	
Pipe	8 5/8"	5 1/2"	2 3/8"
Weight	24#	17#	4.7#
Grade			
Thread			
Depth	579'	3,900'	3,713'
Mud wt			

TAN-YATES-7 RVRS ZONE HISTORY

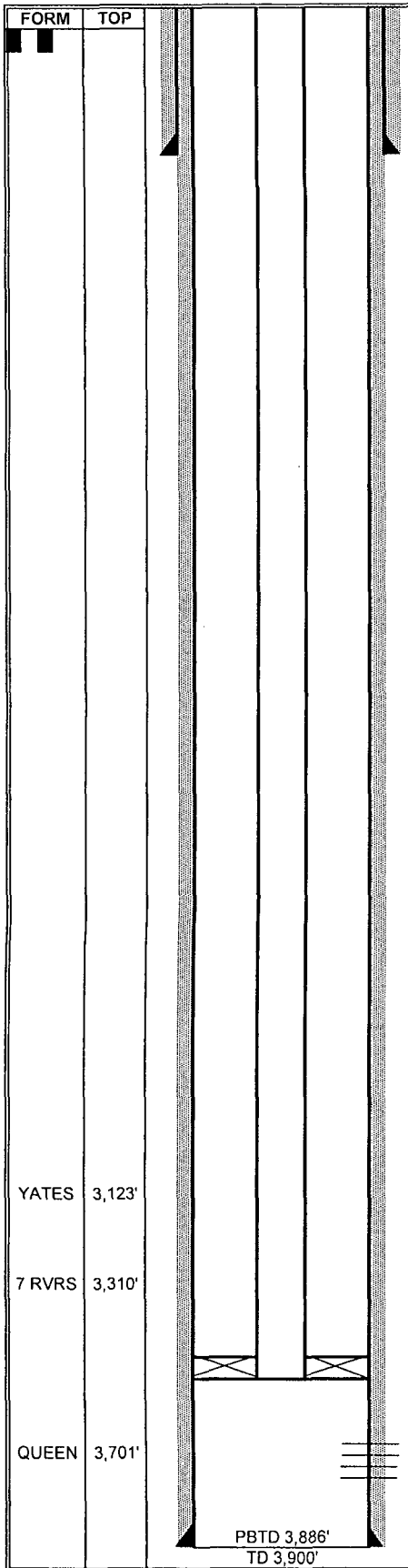
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OPPORTUNITY

Yates & 7 Rvrs not perfed. RSL 1/26/04
Offset well, #26, had 150,000# frac in Yates

QUEEN ZONE HISTORY

8/13/83 Spud. 10/18/83 Initial Completion
Pool EUNICE;SEVEN RIVERS-QUEEN, SOUTH
Perforated 3,756-3,876'
Acidized 7500 gal acid
IP 3 BOPD, 64 BWPD, 23 MCF
9/9/84 Converted to Injection
3/24/86 Proposed to CO to TD & run injection profile - doesn't appear to have been performed.
12/31/91 T&A well
3/7/97 Tst csg - T&A well
3/14/03 Tst csg - T&A well



8 5/8" @ 598'
w/375 sx Cmt, circ

Pkr set @ 3,613'

Queen Perfs (1 SPF)
3751-63, 3766-82,
3811-47, 3850-72'

5 1/2" @ 3,900' w/950 sx Cmt

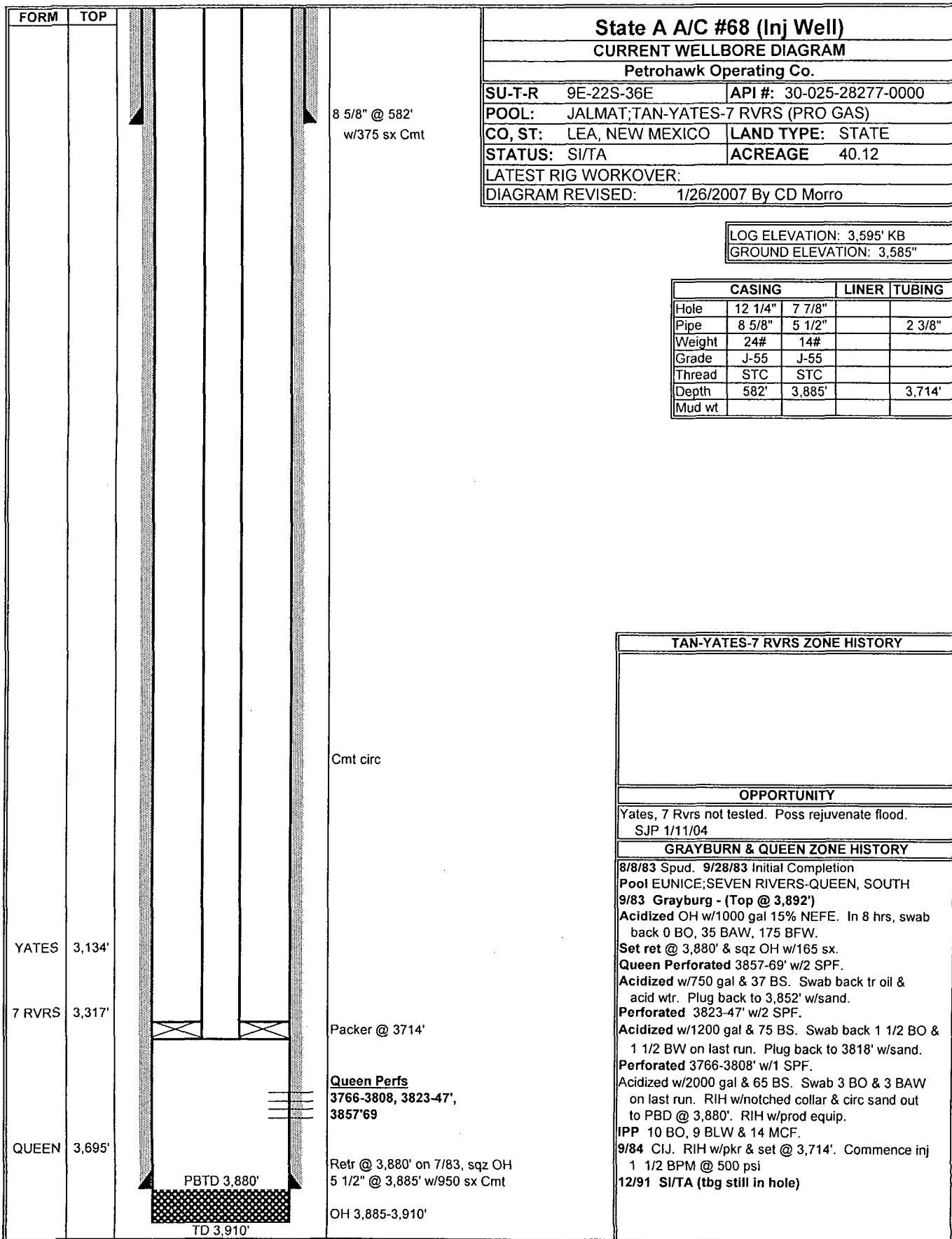
State A A/C-2 #65 (Inj well)	
CURRENT WELLBORE DIAGRAM	
Petrohawk Operating Co.	
SU-T-R	9E-22S-36E
API #:	30-025-28274-0000
POOL:	JALMAT; TAN-YATES-7 RVRS (PRO GAS)
CO, ST:	LEA, NEW MEXICO
LAND TYPE:	STATE
STATUS:	ACTIVE
ACREAGE:	40.12
LATEST RIG WORKOVER:	
DIAGRAM REVISED: 1/26/2007 By CD Morro	

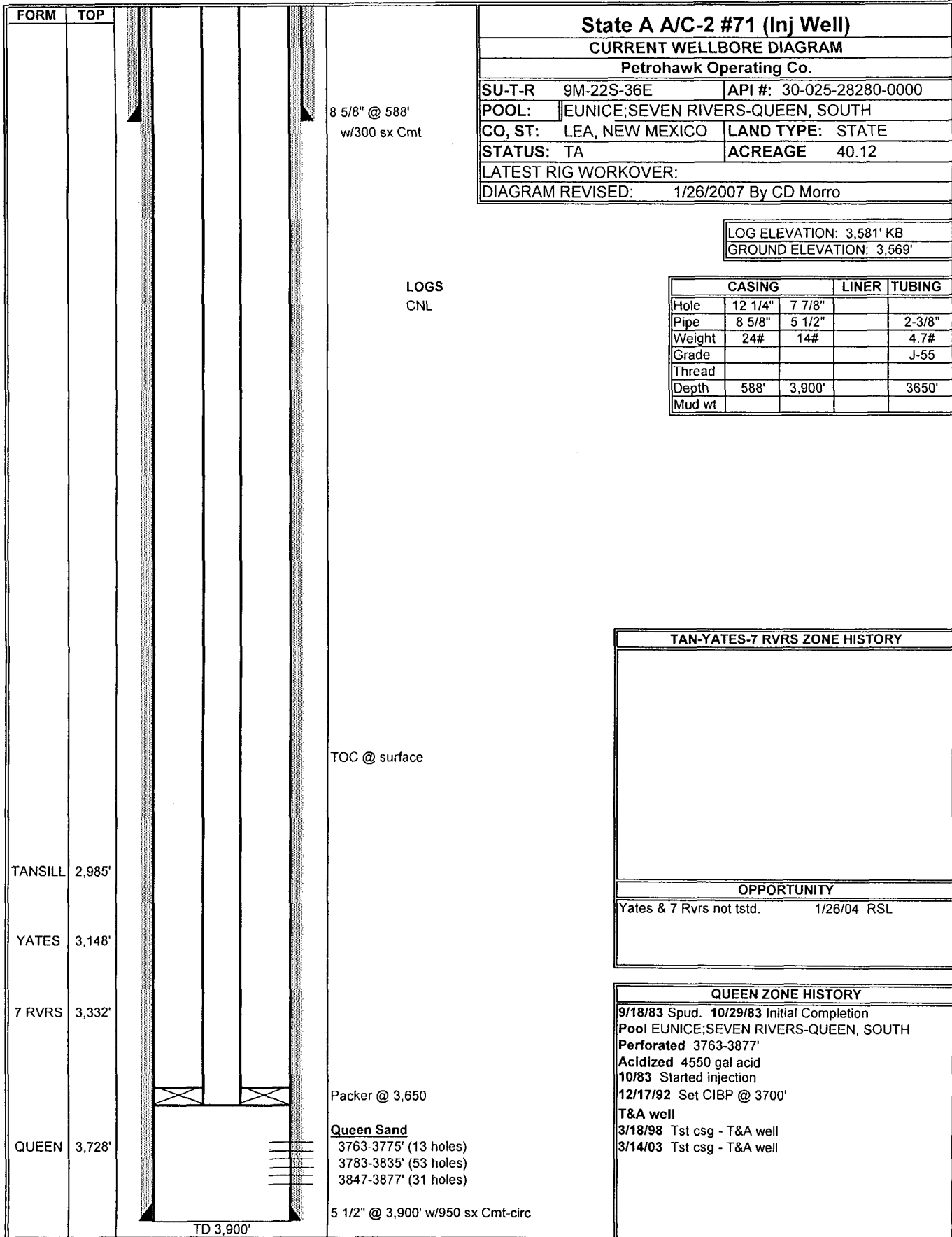
LOG ELEVATION: 3,571' KB
GROUND ELEVATION: 3,559'

	CASING	LINER	TUBING
Hole	12 1/4"	8 5/8"	
Pipe	8 5/8"	5 1/2"	2 3/8"
Weight	24#	14#	4.7#
Grade	J-55	J-55	Cmt
Thread	8 RD	8 RD	Lined
Depth	598'	3,900'	pkr @ 3,613'
Mud wt	8.6-8.8	10-10.2	

TAN-YATES-7 RVRS ZONE HISTORY
OPPORTUNITY
Possible recompletion in Yates-7 Rvrs 1/25/04 DL

QUEEN ZONE HISTORY
8/83 Spud. 10/7/83 Initial Completion
Pool EUNICE; SEVEN RIVERS-QUEEN, SOUTH
Perforated 3,751-3,872'
Acidized 4000 gal 15% NE HCL in 2 stages
IP WIW, Inj 2 1/2 BPM @ 1500 psi.
5/85 Csg leak found 3,623' & 3,654'. (Below inj pkr - taking 53% of inj wtr per profile)
3/86 CO fill 3,826-3,878'
7/86 Sqz leak w/150 sx. Successful repair. Cleanout fill 3,855-3,878'.
Log available: Compensated Neutron log





State A A/C-2 #71 (Inj Well)

CURRENT WELLBORE DIAGRAM

Petrohawk Operating Co.

SU-T-R	9M-22S-36E	API #:	30-025-28280-0000
POOL:	EUNICE;SEVEN RIVERS-QUEEN, SOUTH		
CO, ST:	LEA, NEW MEXICO	LAND TYPE:	STATE
STATUS:	TA	ACREAGE	40.12
LATEST RIG WORKOVER:			
DIAGRAM REVISED: 1/26/2007 By CD Morro			

LOG ELEVATION:	3,581' KB
GROUND ELEVATION:	3,569'

LOGS
CNL

	CASING	LINER	TUBING
Hole	12 1/4"	7 7/8"	
Pipe	8 5/8"	5 1/2"	2-3/8"
Weight	24#	14#	4.7#
Grade			J-55
Thread			
Depth	588'	3,900'	3650'
Mud wt			

TAN-YATES-7 RVRS ZONE HISTORY

OPPORTUNITY

Yates & 7 Rvrs not tstd.	1/26/04 RSL
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QUEEN ZONE HISTORY

9/18/83 Spud. 10/29/83 Initial Completion
 Pool EUNICE;SEVEN RIVERS-QUEEN, SOUTH
 Perforated 3763-3877'
 Acidized 4550 gal acid
 10/83 Started injection
 12/17/92 Set CIBP @ 3700'
 T&A well
 3/18/98 Tst csg - T&A well
 3/14/03 Tst csg - T&A well

8 5/8" @ 588'
w/300 sx Cmt

TOC @ surface

Packer @ 3,650

Queen Sand
 3763-3775' (13 holes)
 3783-3835' (53 holes)
 3847-3877' (31 holes)

5 1/2" @ 3,900' w/950 sx Cmt-circ

TANSILL 2,985'

YATES 3,148'

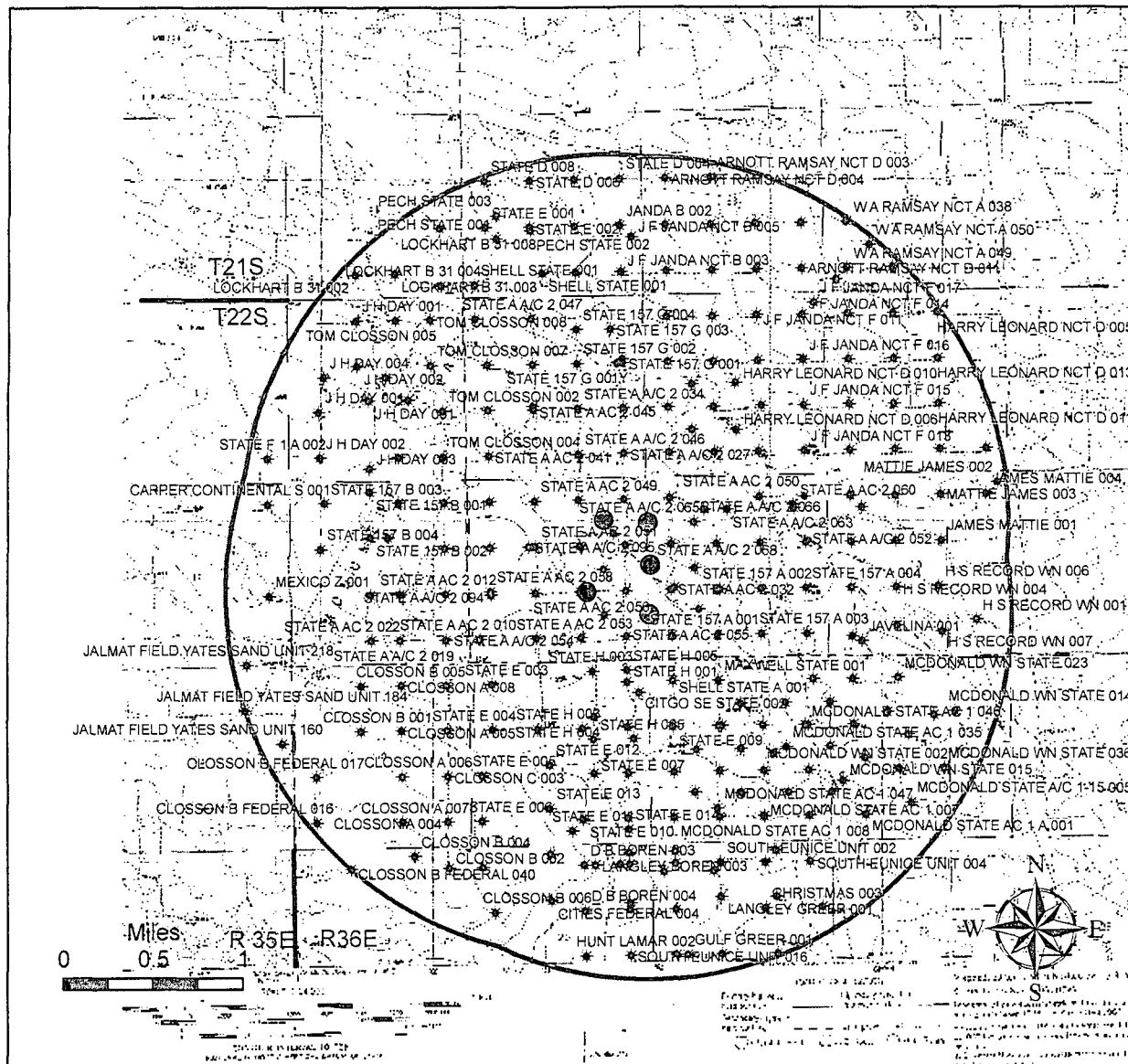
7 RVRS 3,332'

QUEEN 3,728'

TD 3,900'

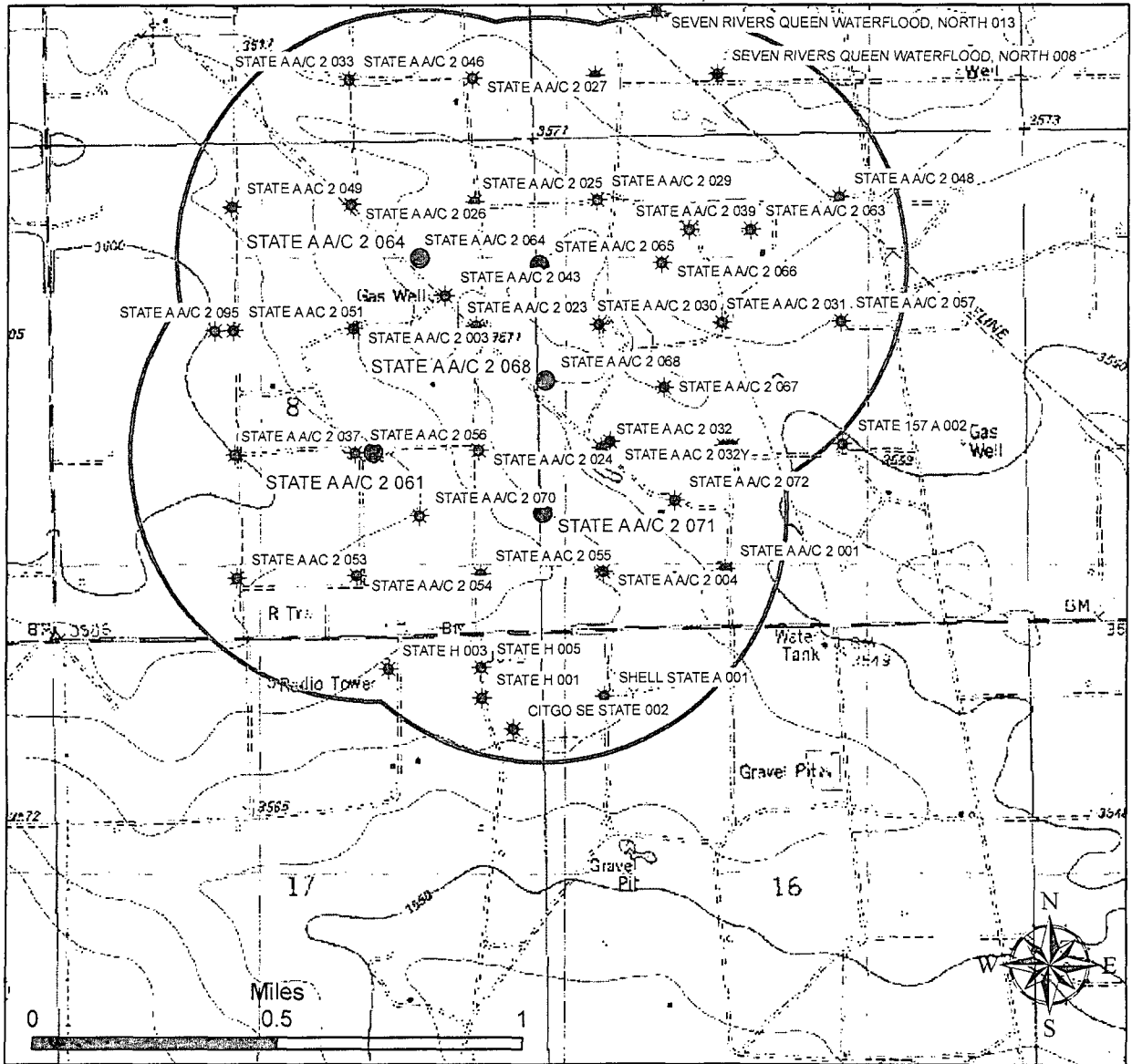
Attachment B:

Supplemental Data for C-108, Section V: Figure 1 – Wells Within Two-Mile
Radii of Proposed Waterflood Wells and Figure 2- Wells Within One Half-
Mile Radii of Proposed Waterflood Wells



Attachment B- Figure 1
Wells Identified Within Two Miles of Proposed Waterflood Wells

- Proposed Waterflood Wells
- * Other Wells Within Two Mile Radii of Proposed Waterflood Wells
- Two Mile Radius From Proposed Waterflood Wells



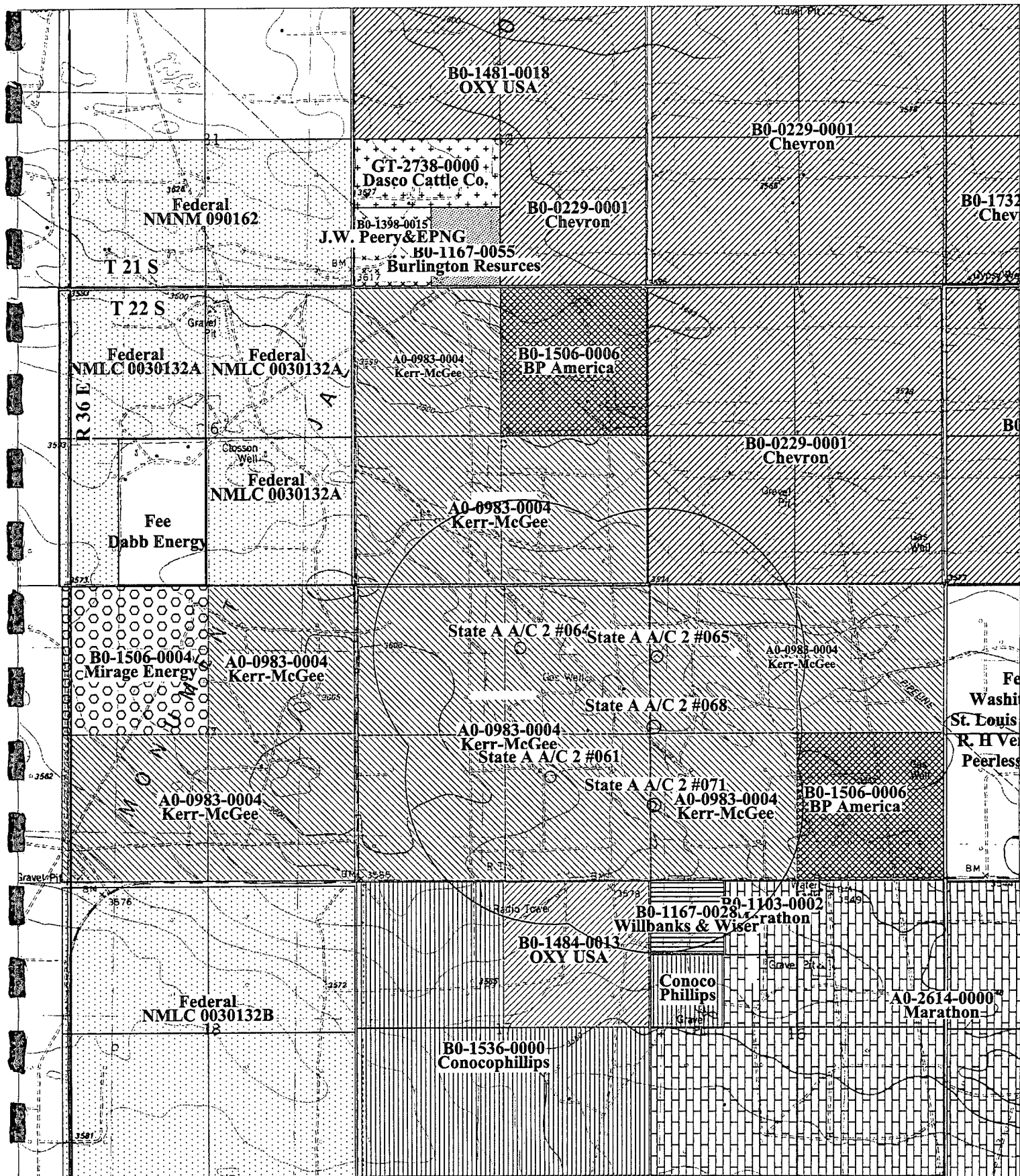
Sections 4,5, 8, 9, 16 and 17; T22S R36E

Attachment B - Figure 2:
Location of Proposed Waterflood Wells and Other Wells Within One Half Mile

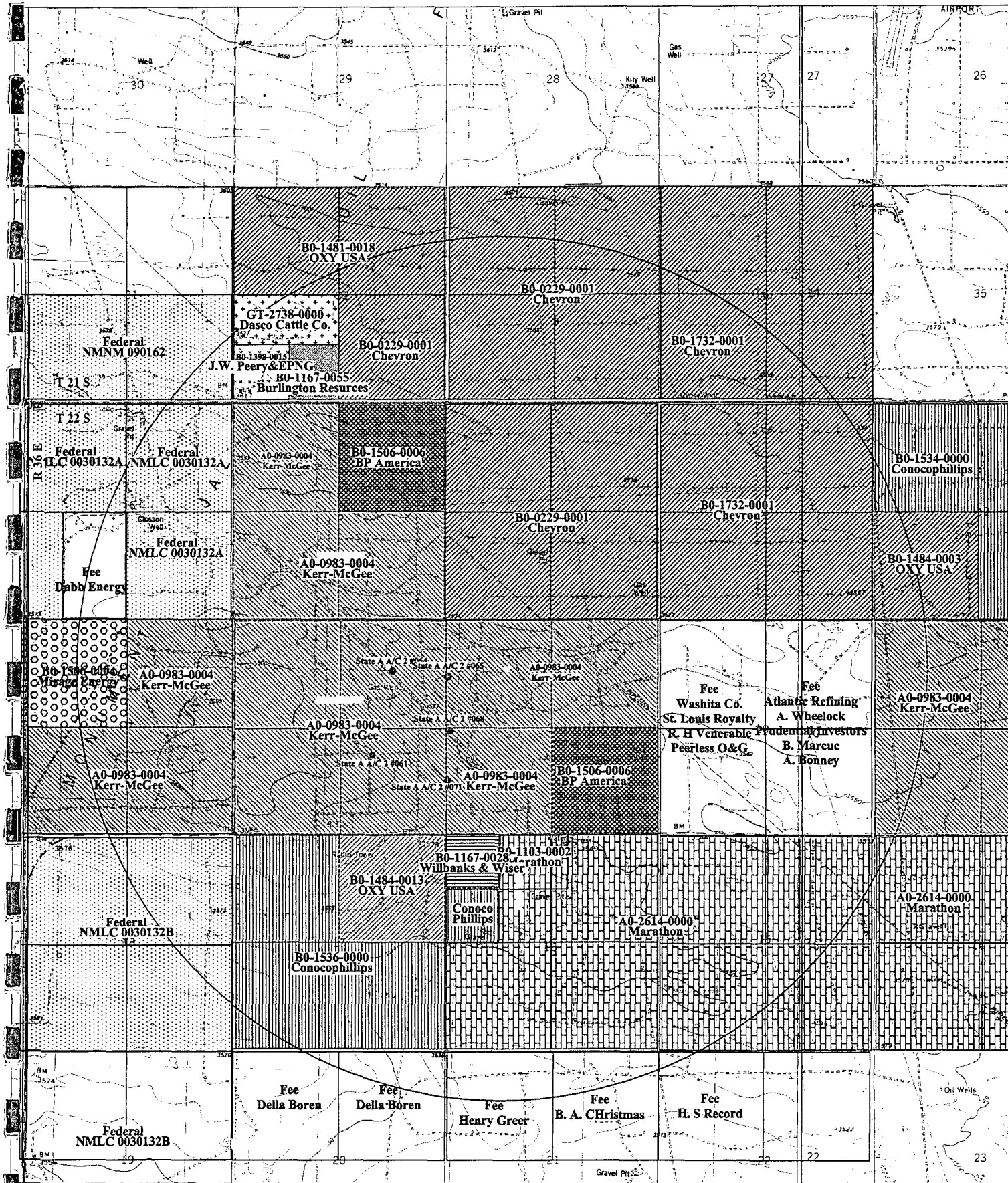
- Proposed Waterflood Injection Wells
- ★ Wells Within Half Mile Radii of Proposed Waterflood Wells
- Half-Mile Radii From Proposed Waterflood Wells

Attachment C:

Supplemental data for C-108, Section V: Figure 3-Locations of Leases
Within One Half Mile of Proposed Waterflood Wells and Supplemental
Data for C-108, Section V: Figure 4-Locations of Leases Within Two Miles
of Proposed Waterflood Wells



**Section V - Figure 3:
Locations of Leases Within One Half Mile of Proposed Waterflood**



**Section V - Figure 4:
Locations of Leases Within Two Miles of Proposed Waterflood**

PETROHAWK WATERFLOOD

Project:07-004

Lea County, New Mexico

OIL AND GAS LEASES

Township 22 South, Range 36 East:

Section 6: North half of the Northwest Quarter

Lessor: James H. & Lona M. Day, H/W Book 13, Pg 48

Lessee: Noel T. Lawson

Section 6: Lots 5-7, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{2}$ NW $\frac{1}{4}$

Lessor: James H. & Lona M. Day, H/W Book 4, Pg 559

Lessee: F.M. Andrews

Section 6: East Half

Lessor: United States of America Book 89, Pg 221

Lessee: Cities Service Oil Co.

Section 10: N $\frac{1}{2}$ NE $\frac{1}{4}$ and SW $\frac{1}{4}$ NE $\frac{1}{4}$

Lessor: Eva Vosburg, a widow Book 35, Pg 491

Lessee: R.S. Magruder

Lessor: Southland Royalty Co. Book 40, Pg 464

Lessee: R.S. Magruder

Section 10: Southeast Quarter of the Northeast Quarter

Lessor: Mattie H. James Book 29, Pg 426

Lessee: Repollo Oil Company

Lessor: Eva Vosburg, a widow Book 29, Pg 428

Lessee: Repollo Oil Company

Lessor: Earl N. & Ione M. Grizzell, H/W Book 29, Pg 431

Lessee: Repollo Oil Company

Lessor: Annie L. & B.A. Christmas, H/W Book 29, Pg 434

Lessee: Repollo Oil Company

Lessor: Corana Petroleum Company Book 29, Pg 436

Lessee: Repollo Oil Company

Township 22 South, Range 36 East cont.:

Section 10: SE $\frac{1}{4}$ NE $\frac{1}{4}$

Lessor:	Southland Royalty Company	Book 31, Pg 15
Lessee:	Repollo Oil Company	
Lessor:	Atlantic Oil Producing Co.	Book 31, Pg 170
Lessee:	Repollo Oil Company	
Lessor:	R.R. James & Renee James, H/W	Book 31, Pg 292
Lessee:	Repollo Oil Company	

Section 10: Northwest Quarter

Lessor:	Saltmount Oil Company	Book 35, Pg 492
Lessee:	Western Gas Company	
Lessor:	Pendulum Investment Co.	Book 35, Pg 499
Lessee:	Roy G. Barton	
Lessor:	The Ohio Fuel Supply Co.	Book 35, Pg 504
Lessee:	R.S. Magruder	
Lessor:	Argo Oil Corporation	Book 35, Pg 512
Lessee:	Roy G. Barton	
Lessor:	United Producing Co., Inc.	Book 35, Pg 580
Lessee:	Roy G. Barton	

Section 10: Southwest Quarter

Lessor:	Spencer Graham, a single man	Book 10, Pg 235
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Section 10: South Half

Lessor:	H.S. Record (aka Henry S. Record)	Book 35, Pg 459
Lessee:	Roy G. Barton	
Lessor:	L.H. Wentz, a single person	Book 35, Pg 460
Lessee:	Roy G. Barton	
Lessor:	Argo Oil Corporation	Book 35, Pg 475
Lessee:	Roy G. Barton	
Lessor:	Pendulum Investment Co.	Book 35, Pg 500
Lessee:	Roy G. Barton	
Lessor:	The Ohio Fuel Supply Co.	Book 35, Pg 503
Lessee:	Roy G. Barton	

Township 22 South, Range 36 East cont.:

Section 18: West Half

Lessor: United States of America Book 309, Pg 428
Lessee: Cities Service Company

Section 18: East Half

Lessor: United States of America Book 309, Pg 431
Lessee: Cities Service Company

Section 19: All

Lessor: United States of America Book 309, Pg 428
Lessee: Cities Service Company

Section 20: Northeast Quarter

Lessor: J.M. & Della Boren, H/W Book 15, Pg 618
Lessee: Cosden Oil & Gas Company

Section 20: West Half

Lessor: United States of America Book 309, Pg 428
Lessee: Cities Service Company

Section 21: East Half

Lessor: B.A. & Annie Christmas, H/W Book 10, Pg 38
Lessee: Wesley McCallister

Section 21: West Half

Lessor: Henry D. Greer, a bachelor Book 4, Pg 628
Lessee: F. E. Vosburg

Section 22: North Half

Lessor: Henry S. Record Book 4, Pg 460
Lessee: A. S. Everest

PETROHAWK WATERFLOOD

Project 07-004

Lea County, New Mexico

SURFACE OWNERS

Township 22 South, Range 36 East:

Section 8: All, Except SW $\frac{1}{4}$ SE $\frac{1}{4}$

State of New Mexico
New Mexico State Land Office
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Section 8: Southwest Quarter of the Southeast Quarter

G. P. Sims
P.O. Box 1046
Eunice, New Mexico 88231

Section 9: All

State of New Mexico
New Mexico State Land Office
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, New Mexico 87504-1148

Attachment D:

Supplemental Data for C-108, Section VI: Tabulation of Wells

API NUMBER	WELL NAME	STATUS	Township	Section	Range	sd	ul	ns	ns	cd	fg	ew	ew	cd	LAND TYPE	WELL TYPE	SPUD DATE	PLUS DATE	TOTAL DEPTH
3002525546	CITGO SE STATE 002	Active	22.0S	17.36E	A	990	N	330	E	S	67/1977	Gas			3900				3900
3002508775	SEVEN RIVERS QUEEN WATERFLOOD, NORTH 001	Active	22.0S	4.36E	M	660	S	660	W	S	5/26/1943	Oil			3870				3870
3002508777	SEVEN RIVERS QUEEN WATERFLOOD, NORTH 008	Active	22.0S	4.36E	N	660	S	1800	W	S	4/21/1957	Oil			3860				3860
3002528926	SEVEN RIVERS QUEEN WATERFLOOD, NORTH 013	Active	22.0S	4.36E	K	1325	S	1330	W	S	12/7/1984	Inject.			3970				3970
3002508932	SHELL STATE A 001	Active	22.0S	16.36E	D	660	N	660	W	S	5/2/1969	Oil			3872				3872
3002508849	STATE A A/C 2 001	Active	22.0S	9.36E	M	660	S	1980	W	S	3/5/1955	Oil			3650				3650
3002508853	STATE A A/C 2 004	Active	22.0S	9.36E	M	660	S	660	W	S	5/31/1937	Gas			3854				3854
3002508852	STATE A A/C 2 023	Active	22.0S	8.36E	H	1980	N	660	E	S	11/4/1942	Oil			3856				3856
3002508833	STATE A A/C 2 024	Active	22.0S	8.36E	I	1980	S	660	E	S	12/15/1943	Oil			3870				3870
3002508834	STATE A A/C 2 025	Active	22.0S	8.36E	A	660	N	660	E	S	1/23/1943	Oil			3955				3955
3002508835	STATE A A/C 2 026	Active	22.0S	8.36E	B	660	N	1980	E	S	2/19/1943	Gas			3890				3890
3002508789	STATE A A/C 2 027	Active	22.0S	5.36E	P	660	S	660	E	S	3/23/1943	Oil			3872				3872
3002508854	STATE A A/C 2 029	Active	22.0S	9.36E	D	660	N	660	W	S	6/5/1943	Oil			3860				3860
3002508856	STATE A A/C 2 031	Active	22.0S	9.36E	F	1980	N	1980	W	S	11/3/1945	Gas			3845				3845
3002508793	STATE A A/C 2 033	Active	22.0S	5.36E	O	660	S	1980	E	S	12/8/1945	Gas			3890				3890
3002508847	STATE A A/C 2 037	TA	22.0S	8.36E	K	1980	S	1980	W	S	11/12/1946	Oil			3912				3912
3002508836	STATE A A/C 2 038	TA	22.0S	9.36E	C	990	N	1650	W	S	11/28/1946	Gas			10956				10956
3002508858	STATE A A/C 2 039	TA	22.0S	9.36E	C	990	N	1650	W	S	2/14/1948	Oil			3640				3640
3002508837	STATE A A/C 2 043	Active	22.0S	5.36E	N	660	S	1980	E	S	6/4/1960	Gas			3854				3854
3002508800	STATE A A/C 2 046	Active	22.0S	9.36E	B	660	N	1980	E	S	8/22/1960	Gas			3817				3817
3002508845	STATE A A/C 2 048	Active	22.0S	9.36E	B	660	N	1980	E	S	2/12/1961	Gas			3863				3863
3002508841	STATE A A/C 2 054	Active	22.0S	9.36E	G	1980	N	1980	E	S	1/21/1964	Gas			3806				3806
3002520297	STATE A A/C 2 057	Active	22.0S	9.36E	K	1980	S	2080	W	S	10/9/1964	Oil			3870				3870
3002520970	STATE A A/C 2 059	Active	22.0S	9.36E	K	1980	S	2080	W	S	5/14/1970	Oil			3900				3900
3002523507	STATE A A/C 2 061	TA	22.0S	8.36E	J	1980	S	1780	E	S	5/29/1977	Gas			3700				3700
3002525543	STATE A A/C 2 063	Active	22.0S	9.36E	C	990	N	2310	W	S	8/13/1983	Inject.			3900				3900
3002528273	STATE A A/C 2 064	TA	22.0S	8.36E	A	1250	N	1250	E	S	9/4/1983	Inject.			3900				3900
3002528274	STATE A A/C 2 065	TA	22.0S	9.36E	E	1345	N	25	W	S	8/22/1983	Inject.			3900				3900
3002528275	STATE A A/C 2 066	TA	22.0S	9.36E	F	1345	N	1345	W	S	9/14/1983	Gas			3900				3900
3002528276	STATE A A/C 2 067	Active	22.0S	9.36E	K	2615	S	1345	W	S	8/8/1983	Inject.			3910				3910
3002528277	STATE A A/C 2 068	TA	22.0S	9.36E	E	2570	N	70	W	S	9/8/1983	Inject.			3900				3900
3002528278	STATE A A/C 2 069	TA	22.0S	8.36E	I	2615	N	1295	E	S	8/25/1983	Inject.			3900				3900
3002528279	STATE A A/C 2 070	Active	22.0S	8.36E	P	1295	S	1295	E	S	9/18/1983	Gas			3900				3900
3002528280	STATE A A/C 2 071	TA	22.0S	9.36E	M	1295	S	25	W	S	8/30/1983	Inject.			3900				3900
3002528281	STATE A A/C 2 072	Active	22.0S	9.36E	K	1410	S	1440	W	S	12/1/1984	Gas			3843				3843
3002508857	STATE A A/C 2 032	Plugged	22.0S	9.36E	L	1980	S	660	W	S	7/9/1970	Inject.			3900				3900
3002523546	STATE A A/C 2 032Y	Plugged	22.0S	9.36E	L	2050	S	760	W	S	9/13/1960	Oil			3870				3870
3002508838	STATE A A/C 2 049	Plugged	22.0S	8.36E	C	660	N	1980	W	S	10/1/1985	Oil			3867				3867
3002508839	STATE A A/C 2 051	Plugged	22.0S	8.36E	F	1980	N	1980	W	S	2/4/1961	Inject.			3886				3886
3002508840	STATE A A/C 2 053	Plugged	22.0S	8.36E	N	660	S	1980	W	S	3/29/1961	Oil			3850				3850
3002508842	STATE A A/C 2 055	Plugged	22.0S	8.36E	P	660	S	660	E	S	8/8/1961	Gas			3853				3853
3002508843	STATE A A/C 2 056	Plugged	22.0S	8.36E	J	1980	S	1980	E	S	7/15/1994	Gas			3914				3914
3002508933	STATE H 001	Plugged	22.0S	17.36E	A	660	N	660	E	S	12/10/1998	Oil			3850				3850
3002523389	STATE H 003	Plugged	22.0S	17.36E	B	330	N	1650	E	S	12/19/1969	Gas			3850				3850

Attachment E1:

Supplemental Data for C-108, Section VI: Documentation of Active and
Temporarily Abandoned Wells

NO. OF COPIES RECEIVED	
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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form O-105
Revised 10-76

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
B - 1484

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESYN. OTHER

2. Name of Operator
Doyle Hartman

3. Address of Operator
312 C & K Petroleum Bldg., Midland, Texas 79701

4. Location of Well
UNIT LETTER **H** LOCATED **2310** FEET FROM THE **North** LINE AND **480** FEET FROM
THE **East** LINE OF SEC. **17** TWP. **22 S** RGE. **36 E** LEASE NO. **36 E** COUNTY **Lea**

15. Date Spudded **2/25/77** 16. Date T.D. Reached **3/7/77** 17. Date Compl. (Ready to Prod.) **3/24/77** 18. Elevations (DF, RKh, RT, GR, etc.) **3550 G.L.** 19. Elev. Casinghead **3550**

20. Total Depth **3850** 21. Plug Back T.D. **3810** 22. If Multiple Compl., How Many **1** 23. Intervals Drilled By **0 - 3850** Rotary Tools **0 - 3850** Cable Tools **----**

24. Producing Interval(s), of this completion - Top, bottom, name
3637 - 3791 (Seven Rivers - Queen)

25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Comp. Density-Neutron, Guard FORXO, GRN-OCL

27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	28	423	11	225	None
4 1/2	10.5	3850	7 7/8	1550	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	3550	None

31. Perforation Record (Interval, size and number; one shot each at):
3791, 3787, 3782, 3776, 3770, 3764, 3757, 3752, 3743, 3737, 3732, 3727, 3723, 3718, 3702, 3668, 3663, 3653, 3643, 3637.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3637-3791	A/5000 gal 15% MCA
3637-3791	SWF/55,000 + 95,000

33. PRODUCTION

Date First Production **3/18/77** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Shut-in**

Date of Test **3/23/77** Hours Tested **24** Choke Size **32/64** Prod'n. For Test Period **---** Oil - Bbl. **---** Gas - MCF **575** Water - Bbl. **---** Gas - Oil Ratio **---**

Flow Tubing Press. **80** Casing Pressure **160** Calculated 24-Hour Rate **---** Oil - Bbl. **---** Gas - MCF **575** Water - Bbl. **---** Oil Gravity - API (Corr.) **---**

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **R. Lansford**

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **Doyle Hartman** TITLE **Operator-Part Owner** DATE **3/28/77**

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of an irregularly drilled well, true vertical depths shall also be reported. For multiple zone formations, Zones 24 through 34 shall be reported for each zone. This form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 110c.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anby _____ 1425	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1615	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2940	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3115	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3310	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3660	T. Sibirian _____	T. Point Lookout _____	T. Elbert _____
T. Penrose _____ 3830	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinety _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tule _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3210 to 3795
 (Yates, Seven Rivers, Queen)
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, from _____ to _____
 No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 795 to 920 feet. Santa Rosa
 No. 2, from 1425 to 1615 feet. Rustler
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
795	920	125	Santa Rosa				
920	1425	505	Red Beds				
1425	1615	190	Rustler				
1615	2940	1325	Salado Salt				
2940	3115	175	Tansil				
3115	3310	195	Yates				
3310	3660	350	Seven Rivers				
3660	3830	170	Queen				
3830	3850	20	Penrose				

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-74

3a. Indicate Type of Lease
State Fee
3. State Oil & Gas Lease No.
B-229-1

11. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER **Water Injection**
b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESRV. OTHER
2. Name of Lessee
Gulf Oil Corp.
3. Address of Lessee
P.O. Box 670, Hobbs, NM 88240
4. Location of Well
UNIT LETTER **K** LOCATED **1325** FEET FROM THE **South** LINE AND **1330** FEET FROM

7. Unit Agreement Name
8. Name of Lease No.
M. Senter Rogers
9. Well No.
Queen Waterflood
10. Field and Tool, if applicable
S. Eureka Queen

THE **West** LINE OF SEC. **4** TWP. **22S** RGE. **36E**

11. Field and Tool, if applicable
Lea

15. Date Spudded **12-7-84** 16. Date First Production **12-13-84** 17. Date Comp. (Ready to Prod.) **12-27-84** 18. Elevations (DP, RAB, RT, GR, etc.) **3582' GL** 19. Elev. Casinghead

20. Total Depth **3970'** 21. Final Block T.D. **3928'** 22. If Multiple Comp., How Many **Single** 23. Intervals Drilled By: Primary Tools **C-39 0'** Cable Tools **-**

24. Production Intervals at this completion - Top, Bottom, Name
3726-3844 Queen 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run **GR-Comp Newton** 27. Was Well-Cored **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1550'	12 1/4"	750 oil - Circ	
5 1/2"	15.5#	3970'	7 7/8"	700 oil - TOC 1040'	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	TUBING RECORD	PACKER SET
					2 3/8"	3698'

30. 1. Perforation (depth, interval, size and number)
3726-30', 3763-67', 3780-84', 3799-3803', 3817-21', 3840-44', 44 1/2" JH

2. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
3726-3844' 5000 gals 15% NEFE, 72 RCNB6

31. PRODUCTION
Date First Production _____ Production Method (Flowing, gas lift, pumping - size and type pump) _____ Well Status (Prod. or Shut-in)

32. Test Data

Date of Test	Flowing Pressure	Shut-in Pressure	Produced Gas - Bbl	Oil - Bbl	Gas - MCF	Water - Bbl	Gas - Oil Ratio

33. 14. Gas used for test (if used for fuel, tested, etc.)
Water Injection Well Test Witnessed By _____

15. List of Attachments

16. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.
RDD-4 _____ 1-24-85

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and gamma-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 33 through 34 shall be reported for each zone. The form is to be filed in triplicate except on state lands, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anby <u>1499</u>	T. Canyon _____	T. Our Aramo _____	T. Penn. "B" _____
T. Salt <u>1586</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>3006</u>	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3709</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Tohilito _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Blough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

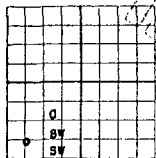
FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1499	1499	Redbeds				
1499	1586	87	Anhydrite				
1586	3006	1420	Salt				
3006	3725	719	Dolomite + Sand				

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 JAN 25 1985
 G.C.D.
 MODEL OFFICE

FORM C-146

NEW MEXICO OIL CONSERVATION COMMISSION



DUPLICATE

Serial No. New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Room 20, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Name and Description of the Commission. Indicate questionable data by following it with (C). SUBMIT IN TRIPPLICATE.

AREA AND ACRES LOCATE WELL CORRECTLY

Gulf Oil Corporation P. O. Box 661, Tulsa, Oklahoma
 J. F. Janda-F (State) Well No. 1 in SW SW of Sec. 4, T. 22S
 N. 36E N. M. P. M. Eunice Field, Lea County.
 Well is 1980 feet south of the North line and 1980 feet west of the East line of Southwest Quarter
 If State land the oil and gas lease is No. B-229 Assignment No. _____
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is Gulf Oil Corporation Address Tulsa, Oklahoma
 Drilling commenced May 26, 1943 Drilling was completed June 28, 1943
 Name of drilling contractor Loffland Bros. Address Tulsa, Oklahoma
 Elevation above sea level at top of casing 3591 feet (DF)
 The information given is to be kept confidential until _____

OIL SANDS OR BONDS
 No. 1, from 3805' to 3870' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS
 List data on rate of water inflow and elevation to which water rose in hole.
 No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THICKNESS PER INCH	MAKE	AMOUNT	KIND OF JOINT	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
9-5/8"	25.7	10	ARCO	2911				
5-1/2"	20	10	Sels.	3725'				
* 3- Gauge Spiral Weld Slip Joint								

MUDDING AND GRADING RECORD

SIZE OF HOLES	SIZE OF CASING	WHEN SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	2911'	250	Halliburton		
8-3/4"	5-1/2"	3725'	50	Halliburton		

PLUGS AND ADAPTERS
 Heaving plug—Material _____ Length _____ Depth Set _____
 Adapter—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		ANNA	1000	6-21-43	3870'	
		Hydrochloric Acid	2000	6-28-43	3870'	

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS
 If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.
 TOOLS USED
 Rotary tools were used from 0 feet to 3870 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION
 Put to production _____
 Initial production: Flowed 129 bbls oil, no water (6-30-43)
 emulsion: _____ % water; and _____ % sediment. Gravity, _____
 If gas well, cu. ft. per 24 hours 315,000 (Gallons gasoline per 1,000 cu. ft. of gas)
 Casing Pressure 25#

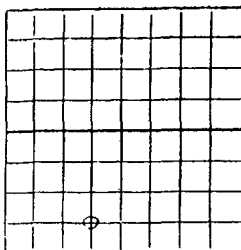
EMPLOYERS
 _____ Driller
 _____ Driller

FORMATION RECORD ON OTHER SIDE
 I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 27th day of July, 1943
 _____ Name _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	75'		Surface sand, caliche & shells
	275		Sand, shale and shells
	320		Red bed
	340		Sand
	499		Red sand
	740		Red bed
	1200		Red bed and shells
	1330		Red rock and shells
	1486		Red rock & anhydrite shells
	1520		Anhydrite
	2025		Anhydrite and salt
	2035		Anhydrite
	2270		Anhydrite and salt
	2395		Salt and anhydrite
	2760		Anhydrite and salt
	2800		Anhydrite, salt and red rock
	2860		Anhydrite, lime shells, salt
	2897		Anhydrite, streaks of salt
	2941		Anhydrite and red rock & salt
	2967		Anhydrite and salt
	2986		Anhydrite and gyp
	3009		Anhydrite
	3026		Anhydrite, streaks of lime
	3047		Anhydrite, gyp, lime shells
	3112		Anhydrite
	3126		Lime
	3191		Anhydrite and lime
	3214		Lime, streaks anhydrite
	3250		Anhydrite and lime
	3292		Lime, sandy lime
	3300		Lime and anhydrite
	3870		Reef Dolomite (Total Depth)



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Gulf Oil Corporation J. F. Janda *WJ* *NCT-F*
(Company or Operator) (Lessee)

Well No. 10 in SE ¼ of SW ¼, of Sec. 4, T. 22-S, R. 36-E, NMPM.
South Eunice Pool, Lea County.

Well is 660 feet from South line and 1980 feet from West line
of Section 4-22-36. If State Land the Oil and Gas Lease No. is R-229-1.

Drilling Commenced 4-21, 19 57. Drilling was Completed 5-3, 19 57.

Name of Drilling Contractor Howard P. Holmes Drilling Company
Address Box 695 Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3600! The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 3776! to 3842! No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF HOPE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	120!	Homo			Surface Pipe
5-1/2"	14#	New	3844!	"		3776-3842!	Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	433!	325	Pump & Plug		
7-7/8"	5-1/2"	3860!	1265	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qt. or Gals. used, interval treated or shot.)

Spotted 500 gallons mud acid on perforations 3776-3842!.

Treated for ation thru perforations from 3776-3842! with 10,000 gallons refined oil with 1# sand per gallon. Pumped 400# mothballs in 14 bbls oil. Treated formation with 5000 gallons refined oil with 1# sand per gallon.

Result of Production Stimulation. Flowed 78 bbls oil and 7 bbls water thru 2-3/8" tubing 24 hours.

Depth Cleaned Out _____

CORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3860 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 5-16, 1957
 OIL WELL: The production during the first 24 hours was 85 barrels of liquid of which 92 % was
 was oil; 0 % was emulsion; 8 % water; and 0 % was sediment. A.P.I.
 Gravity 36.5
 GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure _____ lbs.
 Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates <u>3143</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. ? Rivers <u>3370</u>	T. McKee.....	T. Menefee.....	
T. Queen <u>3731</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T.	
T. Abo.....	T.	T.	
T. Penn.....	T.	T.	
T. Miss.....	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12		Distance from Top Kelly Drive to Ground				DEVIATION - TOTCO SURVEY
	265		Surface Sand and Caliche				3/4 - 650'
	573		Red Bed and Anhydrite				3/4 - 920'
	1080		Red Bed				3/4 - 1170
	1545		Red Bed and Anhydrite				3/4 - 1338
	1605		Anhydrite				3/4 - 1600
	2880		Anhydrite and Salt				1/2 - 1840
	3121		Anhydrite and Lime				3/4 - 2017
	3258		Anhydrite, Gyp and Lime				3/4 - 2270
	3477		Lime and Anhydrite				1-1/4 - 2525
	3515		Lime, Anhydrite and Gyp				2-1/2 - 2850
	3557		Lime and Anhydrite				1-3/4 - 2880
	3673		Lime				1-3/4 - 2985
	3758		Lime and Dolomite				1-1/2 - 3050
	3860		Lime				1-1/2 - 3106
							1-1/4 - 3205
							1 - 3460
							1 - 3550
							1-1/4 - 3650
							1/2 - 3770

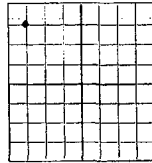
ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

July 15, 1957 (Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
 Name C. F. TAYLOR ORIGINAL BORNED Area Supt. of Prod.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



WELL RECORD

RECEIVED
APR 30 1937
DUPLICATE

Filed by Oil Conservation Commission, Santa Fe, New Mexico, on the proper
and not more than twenty days after completion of well. Follow instructions
to the Rules and Regulations of the Commission. Indicate questionnaire form
by indicating in well (17) SUBMIT IN TRIPLICATE.

AREA IN ACRES
LOCATE WELL CORRECTLY

Oil Well Drilling Company

State #A#

Company or Operator Well No. 1 in NE 1/4 of Sec. 16 T. 22 S. R. 36 E. N. M. P. M. Buise Field, Lea County.

Well is 660 feet south of the North line and 660 feet West of the East line of 16, T. 22 S. R. 36 E.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Shell Petroleum Corporation Address Houston, Texas

Drilling commenced February 20 1937 Drilling was completed April 14 1937

Name of drilling contractor Oil Well Drilling Company Address Dallas, Texas

Elevation above sea level at top of casing 3543 feet

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 3730 to 3790 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3, from to feet

No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF JOINT	CUTS FILLED FROM	PERFORATED TO	PURPOSE
1 1/2"	40 lb	3	Youngstown-18	243'	None			
3-5/8"	36 lb	3	Youngstown-61	1478'	Baker-Baker-Blue-Flint-Shoe			
7"	24 lb	3	Deis	3675'	Baker-Baker-Blue-Flint-Shoe			

MUDDING AND CEMENTING RECORD

SIZE OF HOLES	SIZE OF CASING	WHEEL SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
1 1/2"	1 1/2"	243'	100	Halliburton		
3-5/8"	3-5/8"	1478'	450	"		
7"	7"	3675'	200	"		
2 1/2"	Tubing	3757'				

PLUGS AND ADAPTERS

Hoisting plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEARED OUT
		Nitro Glycerine	140 qts	April 14	3730 to 3790	

Results of shooting or chemical treatment Estimated increased gas from 1/2 million to 8 million. Estimate increased oil from 75 bbls per day to 200 barrels per day.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3728 feet, and from feet to feet

Cable tools were used from 3728 feet to 3804 feet, and from feet to feet

PRODUCTION

Put to production May 1 1937

The production of the first 24 hours was 200 barrels of fluid of which 100 % was oil, % emulsion, % water, and % sediment. Gravity, Bt

If gas well, cu. ft. per 24 hours 8,000,000. Calorific gasoline per 1,000 cu. ft. of gas.

Rock pressure, lbs. per sq. in.

EMPLOYEES

E. J. Kemite Driller J. E. Branson Driller

H. O. Mills Driller V. D. Cunningham Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 29th day of April 1937 at Hobbs, New Mexico

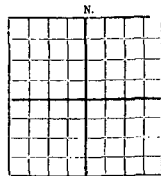
Name W. E. Cunningham Sr. Position Agent

Signature Fred B. Munday Representing Oil Well Drilling Company

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
100	228	228	Red Bed and Sand
228	287	59	Red Bed
287	363	76	Red Bed and Red Rock
363	1100	737	Red Bed
1100	1200	100	Red Bed and Shells
1200	1383	183	Red Rock and Shale
1383	1440	57	Red Rock and Shale
1440	1455	15	Red Bed
1455	1553	98	Anhydrite
1553	1644	91	Anhydrite and Streaks Salt
1644	1713	69	Anhydrite
1713	2307	594	Salt and Anhydrite
2307	2800	493	Salt and Anhydrite and Shells
2800	2762	38	Salt and Anhydrite
2762	3106	344	Anhydrite
3106	3141	35	Anhydrite and Gyp
3141	3173	32	Anhydrite
3173	3282	109	Lime and Anhydrite
3282	3728	446	Lime
3728	3745	17	Hard Gray Lime
3745	3750	5	Broken Lime and Shale
3750	3752	2	Gray Lime, Sandy
3752	3784	32	Sandy Lime
3784	3794	10	Lime
3794	3804	10	Hard Gray Lime
3804	T. D.		

FORM NO. 100



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIC
NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

Mail to State Geologist, Socorro, New Mexico, not more than ten days
after completion of well. Indicate questionable data by fol-
lowing it with (?). Submit in duplicate.

Company Texas Pacific Coal and Oil Company Address Fort Worth, Texas
 Send correspondence to R. F. Fleckmanfield Address Fort Worth, Texas
 State New Mex. "A" AD. 2 Well No. 3 in 302 of Sec. 9 T. 22
36 Demico Lon County.
 R. N. M. P. M. Oil Field 4293
 If State land the oil and gas lease is No. _____ Assignment No. _____
 If patented land the owner is Texas Pacific Coal and Oil Company Address Fort Worth, Texas
 The lessee is July 3, 33 Address August 28, 33
 If not state or patented land, Oil Well Drilling Company Demico, W. M.
 Drilling commenced 3933 Drilling was completed _____ 19____
 Name of drilling contractor _____ Address _____
 Elevation above sea level at top of casing _____ feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

No.	Size	Type	Depth	Kind of Stock	Cut and Pulled From	Perforated		Distance Sump String
						From	To	
1	30"	8	247					
2	24"	10	348					

MUDDING AND CEMENTING RECORD

No.	Size	Depth	Methods Used	Mud Gravity	Amount of Mud Used
1	28"	200			
2	24"	260			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell Used	Explosive Used	Quantity	Date	Depth Shot	Depth Cleaned Out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____ 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil, _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, De. _____ 100
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller
 _____, Driller
 _____, Driller

FORMATION RECORD ON OTHER SIDE

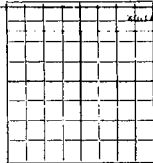
I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all
 work done on it so far as can be determined from available records.

Subscribed and sworn to before me this _____ day of _____, 19____
 _____ Notary Public
 _____ Texas Pacific Coal and Oil Company
 _____ Representative

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	70	70	Caliche & Sand Shells
70	258	188	Red Sand & Shells
258	466	208	Red Sand & Shale
466	673	207	" " & Blue Shale
673	1341	668	" " & Lime Shells
1341	1408	67	" " & Broken Shells & Sand
1408	1499	91	Anhydrite
1499	1523	24	Salt
1523	1567	44	Salt & Anhydrite
1567	1578	11	Soft Sand
1578	1628	50	Anhydrite & Streak of Shale
1628	1650	22	Salt
1650	3000	1350	Salt & Anhydrite
3000	3835	835	Lime

NEW MEXICO CONSERVATION COMMISSION



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (7). SIGNATURE IN TESTIFICATE.

Texas Pacific Coal & Oil Company State New Mexico "A" Ac. 2
 Company or Operator Well No. 4 of Sec. 9 T. 22-6
 R. 36-2 N. M. P. M. So. Eunice Field, Lea County.
 Well is 4620 feet south of the North line and 4620 feet west of the East line of
 If State land the oil and gas lease is No. N.M. 2-A Assignment No. A-983
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is _____ Address _____
 Drilling commenced May 31, 1937 Drilling was completed July 14, 1937
 Name of drilling contractor Geo. P. Livermore Address Kermit, Texas
 Elevation above sea level at top of casing 3276 feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from 3770 to 3854 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rises in hole.
 No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
1 1/2"	50			235'				Surface
9-5/8"	36			1485'				Belt String
7" O.D.	24			3625+4'				Line

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
1 1/2"		235'	200	Balliburton		
9-5/8"		1485'	600	"		
7" O.D.		3625+4'	150	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
 Adapter—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHALLHOLED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
5 1/2"		Nitroglycerin	260 qts.	7-17-37	3770 to 3854	

Results of shooting or chemical treatment: Production increased.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3628 feet, and from _____ feet to _____ feet
 Cable tools were used from 3628 feet to 3877 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing July 29, 1937
 The production of the first 24 hours was 250 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, 32
 If gas well, cu. ft. per 24 hours _____ Gallons _____ cu. ft. of gas.
 Rock pressure, lbs. per sq. in. _____

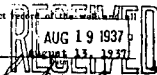
EMPLOYEES

Geo. P. Livermore, Driller Driller T. E. Massey, Superintendent for Texas Pacific Coal & Oil Company Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the work done on it so far as can be determined from available records.

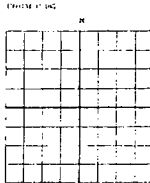
Subscribed and sworn to before me this 13 day of August 1937 at Fort Worth, Texas
 Name: T. J. [Signature] Position: _____



FORMATION RECORD

FROM	TO	THICKNESS	FORMATION
0	225	225	Caliche & Sand
225	250	25	Red Bed
250	947	697	Red Beds & Shells
947	1020	73	Red Bed
1020	1070	50	Anhydrite Shells & Sand
1070	1146	76	Anhydrite
1146	1231	85	Sand, Red Bed & Shells
1231	1391	160	Red Bed & Anhydrite Shells
1391	1434	43	Red Bed
1434	1450	16	Anhydrite
1450	1480	30	Anhydrite & Red Beds
1480	1487	7	Anhydrite
1487	1497	10	Anhydrite & Red Beds
1497	1507	10	Anhydrite
1507	1546	39	Anhydrite & Red Bed
1546	1600	54	Salt
1600	1919	319	Salt & Anhydrite
1919	1954	35	Anhydrite
1954	2560	606	Salt & Anhydrite
2560	2574	14	Anhydrite
2574	2676	102	Salt, Oyp shells & Anhydrite
2676	2876	200	Salt & Anhydrite
2876	2964	88	Salt, Sand & Shells
2964	3239	275	Anhydrite
3239	3266	27	Lime & Sand
3266	3405	139	Lime
3405	3410	5	Coar Sand
3410	3584	174	Lime
3584	3591	7	Coring Lime
3591	3597	6	Coring Saturated Lime & Porous
3597	3628	31	Coring Lime
Drilled to this depth with Rotary			
3628	3754	126	7" O.D. Casing Set at 3642'. Broken Line
3754	3840	86	Lime
3840	3850	10	Broken Lime
3850	3856	6	Lime
3856	3861	5	Sandy Lime
3861	3867	6	Broken Lime
3867	3869	2	Hard Lime
3869	3876	7	Soft Sand & Lime
3876	3879	3	Lime, Gr. & Pk.
Plugged back to 3877 with lead wool.			
Total Depth 3877			

INCOMPLETE



NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 HEADQUARTERS OFFICE

WELL RECORD

Well to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than thirty days after completion of well. Follow instructions in the Name and Description of the Commission. Federal questions also be followed, if with U.S. MINING IN TRIPLICATE.

WELL LOCATION
 LOCATE WELL CORRECTLY

TEXAS PACIFIC COAL AND OIL COMPANY P.O. Box 2110, Ft. Worth, Texas
 Company or Operator Address
 State "A" No. 2 Well No. 23 Sec. 8 of T. 22-S
 N. 36-S S. M. P. M. So. Quince E. Lee County
 Well is 1980 feet south of the North line and 660 feet west of the East line of Sec. 8
 If State land the oil and gas lease is No. 2-A Assignment No. _____
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is _____ Address _____
 Drilling commenced November 4, 1942 Drilling was completed November 27, 1942
 Name of driller contractor T. P. C. & O. Co. Address _____
 Elevation above sea level at top of casing 3585' feet
 The information given is to be kept confidential until December 9, 1942

OIL SANDS OR ZONES

No. 1, from <u>3469</u> to <u>3470</u>	No. 4, from <u>3654</u> to <u>3690</u>
No. 2, from <u>3521</u> to <u>3545'</u>	No. 6, from <u>3720</u> to <u>3782</u>
No. 3, from <u>3583</u> to <u>3612</u>	No. 8, from <u>3789</u> to <u>3816</u>
	<u>3827</u> to <u>3870</u>

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rises in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

CASING RECORD

SIZE	WEIGHT PER FOOT	WEIRKMAN PER FOOT	MAKE	AMOUNT	KNOWLEDGE	TYPE & FILLED FROM	PERFORATED FROM TO	PURPOSE
10"	40			513'				
7"OD	24			3706				
2"	4.7			3863				
1-2" x 3/8" Perforated Ripple 3850' to 3853'								

MUDDING AND CEMENTING RECORD

SIZE OF HOLES	SIZE OF CASING	WEIRKMAN	PER. HOLES	PER. RINGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"				200			
7"				250			

PLUGS AND ADAPTERS

Heating plug--Material _____ Length _____ Depth Set _____

Adapter--Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	WELL USED	REAGENTS OR CHEMICAL USED	QUANTITY	DATE	DEPTH FOOT OR TREATED	DEPTH CLEANED OUT
			1,000 gals.	12-5-42		
			2,000 "	12-7-42		

Results of shooting or chemical treatment 192 bbls. 1st 24 hrs.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLM USED

Rotary tools were used from 0 feet to T.D. feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing December 9, 1942

The production of the first 24 hours was 172 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Sp. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas.

Rock pressure, lbs. per sq. in. _____

EMPLOYMENT

T. P. C. & O. Co. - J. B. Tompau, M.E. Dist. Supt. Driller

Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12th Fort Worth, Texas December 12, 1942

day of December, 1942 Name W. B. Kasper

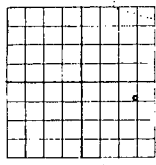
L. A. Hartung Secretary Position _____

My Commission expires 6-1-43 Representing TEXAS PACIFIC COAL AND OIL COMPANY
 Company of Records
 Address P.O. Box 2110, Ft. Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	35	35	Caliche
35	104	69	Sand Shells
104	1027	753	Red Sand Shells
1027	1132	105	Red Rock, Shells, Sand
1132	1340	208	Shells & Sand
1340	1400	60	Red Rock, Anhy. Gyp.
1400	1415	15	Anhydrite
1415	1436	21	Shale & Shells
1436	1442	6	Anhy. Shells, Shale
1442	1530	88	Anhydrite
1530	1582	52	Salt & Anhy.
1582	1777	195	Salt & Anhy. Shells
1777	1785	8	Anhydrite
1785	1875	70	Salt, Anhy. Shells
1875	1890	15	Anhy. & Gyp.
1890	1899	9	Salt
1899	2003	104	Salt & Anhy.
2003	2183	180	Salt & Anhy. Shells
2183	2509	320	Salt & Anhy.
2509	2640	137	Salt, Anhy. Shells
2640	2645	5	Anhydrite
2645	2767	122	Salt & Anhy.
2767	2760	135	Salt, Anhy., Shells
2760	2984	24	Anhy.
2984	3015	31	Anhy. & Gyp.
3015	3071	56	Anhy.
3071	3075	4	Anhy. & Lime
3075	3107	32	Lime
3107	3273	166	Lime & Anhy.
3273	3275	2	Broken Sandy Lime
3275	3315	41	Lime
3315	3341	26	Lime & Sand
3341	3488	142	Lime - Brown lime, oil, gas, sand 3469-3470
3488	3499	10	Lime showing gas.
3499	3521	22	Lime
3521	3545	24	Lime Oil Gas Sand
3545	3550	5	Lime
3550	3570	20	Lime with gas
3570	3580	10	Lime
3580	3883	3	Sandy Lime
3883	3612	29	Sandy Lime, Oil Gas
3612	3631	19	Lime showing gas
3631	3638	7	Lime
3638	3690	12	Sandy Lime
3690	3652	2	Lime
3652	3654	2	Sandy Lime
3654	3690	36	Broken Lime, Oil, Gas
3690	3700	10	Lime Showing Gas
3700	3715	12	Lime
3715	3724	12	Sandy Lime
3724	3742	18	Lime
3742	3827	89	Sandy Lime - Gas & Oil 3750-81, 3789-3816
3827	3854	27	Brown Lime shows oil & gas
3854	3865	11	Lime, Oil, Gas
3865	3870	5	Sandy Lime, Oil, Gas
TOTAL DEPTH 3870			

FORM NO. 1



NEW MEXICO OIL CONSERVATION COMMISSIONS OFFICE

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Name and Description of the Commission. Indicate questionable data by following it with (H). SUBMIT IN TRIPPLICATE.

PLEASE USE ACHES LOCATE WELL CORRECTLY

TEXAS PACIFIC COAL AND OIL COMPANY, P. O. Box 2110, Ft. Worth, Texas

State New Mex. "A" Ac. 2 Well No. 24 in Sec. 8 of Bldg. 22-8

R 36-E N. M. P. M. So. Eunice field Lee County

Well is 3300 feet south of the North line and 560 feet west of the East line of Sec. 8

If State land the oil and gas lease is No. M. & Z-4 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The lessee is Address

Drilling commenced December 15, 1943 Drilling was completed January 13, 1944

Name of driller contractor T. P. C. & O. Co. Address Ft. Worth

Elevation above sea level at top of casing 3284 feet

The information given is to be kept confidential until

OIL SANDS OR ZONES

Table with 4 columns: No. 1, No. 2, No. 3, No. 4. Values include 3446, 3493, 3563, 3466, 3520, 3588, 3610, 3738, 3861, 3670.

IMPORTANT WATER SANDS

Table with 2 columns: No. 1, No. 2, No. 3, No. 4. Includes data on water inflow and elevation.

CASING RECORD

Table with columns: SIZE, WEIGHT PER FOOT, THICKNESS PER INCH, MAKE, AMOUNT, KIND OF APOD, CUT & FILLER FROM, PERFORATED FROM TO, PURPOSE.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLES, SIZE OF CASING, WEIGHT PER FOOT, NO. BAGS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set. Adapters—Material Size.

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, KIND, WEIGHT, SPECIFIC GRAVITY OR CHEMICAL USED, QUANTITY, DATE, DEPTH SHOT OR TREATED, DEPTH CLEANED OUT.

Results of shooting or chemical treatment 78 bbls.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3870 feet, and from feet to feet. Cable tools were used from 3870 feet to 3882 feet, and from feet to feet.

PRODUCTION

Put to producing January 16, 1944. The production of the first 24 hours was 78 barrels of fluid of which 5% was oil. It gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas. Rock pressure, lbs. per sq. in.

EMPLOYEES

J. H. Young, Supt., T. P. C. & O. Co. Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 23rd day of January, 1944. Fort Worth, Texas January 23, 1944

Name: J. H. Young Position: Supt. Representing: TEXAS PACIFIC COAL AND OIL CO. My Commission expires: 6-1-45 Address: P. O. Box 2110, Ft. Worth, Texas

FORMATION RECORD

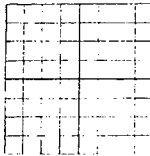
FROM	TO	THICKNESS IN FEET	FORMATION
0	40		Cellite
40	195		Sand & Shells
195	397		Shale & Shells
397	435		Shale
435	835		Red Bed & Shells
835	1100		Red Bed & Shells
1100	1320		Red Bed & R. Rock
1320	1410		Red Bed & Shells
1410	1440		Anhydrite
1440	1493		Gyp
1493	1521		Anhydrite
1521	1668		Salt, Anhy., Shells
1668	1835		Salt
1835	1927		Salt Anhy Shells
1927	2973		Salt Anhy.
2973	2980		Anhydrite
2980	3000		Gyp
3000	3110		Anhydrite
3110	3208		Lime
3208	3241		Lime & Anhy.
3241	3272		Lime
3272	3300		Anhy. & Lime
3300	3302		Lime
3302	3337		Lime & Gas & Sand
3337	3353		Lime & Gas show
3353	3444		Lime
3444	3444		Lime, Gas & Oil
3444	3493		Lime
3493	3520		Lime Oil Show
3520	3544		Lime-Oil Show
3544	3565		Lime
3565	3588		Lime, Oil Show
3588	3610		Lime
3610	3633		Lime, Oil & Gas sand
3633	3640		Lime, Oil show
3640	3778		Lime
3778	3803		Lime showing oil
3803	3832		Sandy Lime shows oil
3832	3861		Lime
3861	3870		Lime showing oil
3870	3889		Lime

Drilled from surface to 3870' w/ Rotary Tools and
from 3870' to 3889' w/ Cable Tools.

TOTAL DEPTH OF WELL 3889'.

FORM NO. 142

NEW MEXICO OIL CONSERVATION COMMISSION



Scale Ft. = 1/4" = 100'

WELL RECORD



Mail to Oil Conservation Commission, State P. O. New Mexico, or its nearest local post office less twenty days after completion of well. Follow instructions as to dates and specifications of the Commission. Indicate appropriate date by following it with 151. SIGN IN TRIPPLICATE.

THIS WELL APPLICABLE FOR WELL PRODUCTION

Texas Pacific Coal and Oil Co., P. O. Box 2110, Ft. Worth, Texas

State "N." No. 2 Well No. 25 in MKJ of Sec. 8 T. 22-S

R. 36-E N. M. P. M. Co. Disice Field Lea County

Well 660 feet south of the North line and 660 feet west of the East line of 300.0

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is Address

If Government land the permit is Address

The Lease is Address

Drilling commenced January 23, 1943. Drilling was completed February 11, 1943

Name of drilling contractor: T. P. C. A. O. Co. Address

Elevation above sea level at top of casing 3777 feet.

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 3646 to 3691 No. 4, from to

No. 2, from 3721 to 3770 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 0000 to feet

No. 2, from to feet

No. 3, from to feet

CASING RECORD

Table with columns: SIZE, WEIGHT, THICKNESS, MARK, AMOUNT, KIND OF STEEL, CITY & WEIGHT, PERFORMANCE, PURPOSE. Rows include 10" 456', 3 1/2" 3701', and 2" tubing 3847'.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLES, SIZE OF CASING, WEIGHT PER FOOT, NO. BAGS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Rows include 10" 456' 200 and 3 1/2" 3701' 100.

PLUGS AND ADAPTERS

Heaving plug - Material Length Depth Set

Adapters - Material Size

HANDLED OR SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, SHELL SIZE, RESTRICTOR OR CHEMICAL USED, QUANTITY, DATE, HOPE LASHED OR TREATED, LENGTH CLEARED OUT. Row: Acid, 2,000 gals., 2-13-43.

Results of shooting or chemical treatment 264 bbls. after acidization.

RECORD OF DRILL-STEM AND SPWELL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report or separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3855 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put in production February 14, 1943

The production of the first 24 hours was 264 barrels of fluid of which % was oil: %

emulsion: % water; and % sediment. Gravity, Sp. Gr.

If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas.

Back pressure, lbs. per sq. in.

EMPLOYEES

Mr. J. W. Tausche, Dist. Supt., Driller Texas Pacific Coal & Oil Company

Driller

FORMATION RECORD ON OTHER SHEET

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records to the best of my knowledge and belief.

Subscribed and sworn to before me this 20th day of February 1943

Fort Worth, Texas February 20, 1943

day of February 1943 Name: J. W. Tausche

Signature of L. A. Hartung, Notary Public

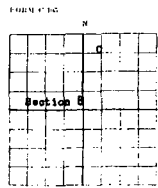
Position Agent

My Commission expires 6-1-43

Representing TEXAS PACIFIC COAL AND OIL COMPANY

Address Ft. Worth, Texas

Handwritten notes at the top of the page.



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to the Conservation Commission, Santa Fe, New Mexico, or by proper agent not more than twenty days after completion of well. Follow instructions on the Name and Resolutions of the Commission. Indicate questionable data by following with "H" in duplicate.

Texas Pacific Coal and Oil Company, P. O. Box 2110, Ft. Worth, Texas

State "A" No. 2, Well No. 26 to 274 of Sec. 8 T. 22-S

R. 16-E So. Runice Field, Lee County

Well is 660 feet south of the North line and 1900 feet west of the East line of Section 8

If State land the oil and gas lease is No. ASSIGNMENT No.

If patented land the owner is Address.

If Government land the permittee is Address.

The Lessee is Address.

Drilling commenced February 19, 1943 Drilling was completed March 11, 1943

Name of drilling contractor T. P. C. & O. Co. Address.

Elevation above sea level at top of casing 3288 feet.

The information given is to be kept confidential until _____

Table with 4 columns: No., from, to, No. 4, from, to. Rows include 3265 to 3410, 3511 to 3543, 3717 to 3722.

Table with 4 columns: No., from, to, No. 4, from, to. Rows include No. 1, 2, 3.

Casing Record table with columns: SIZE OF TUBING, WEIGHT PER FOOT, DEPTH PER JOINT, MARK, AMOUNT, KIND OF JOINT, CUT & JOINT FROM, PERFORATION TO, PURPOSE.

Mudding and Cementing Record table with columns: SIZE OF TUBING, SIZE OF PUMPING, WEIGHT PER JOINT, NO. BAGS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED.

Plugs and Adapters section with fields for Heaving plug-Material, Length, Depth Set, Adapters-Material, Size.

Record of Shooting or Chemical Treatment table with columns: DATE, MUDS (GALLONS), KEROSENE OR CHEMICAL (GALLONS), QUANTITY, DATE, DEPTH SET OR TREATED, DEPTH CLEANED OUT.

Results of shooting or chemical treatment Initial production 168 bbls.

Record of Drill-String and Special Tests section with fields for Rotary tools used from, Cable tools used from.

Production section with fields for Put to production, The production of the first 24 hours was, emulsion, water, sediment, Gravity, Gas, Rock pressure.

EMPLOYEES section with fields for J. R. Teague, Supt., Texas Pacific Coal and Oil Co., Driller.

FORMATION RECORD ON OTHER WELLS section with a sworn affidavit statement.

Signature and date section with fields for day of, L. A. Hartung, My Commission expires, and signature of J. R. Teague.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	DESCRIPTION
0	30	30	Caliche
30	90	60	Sand, Gravel, Shells
90	245	155	Shale, Shells
245	390	145	Red Bed, Shells
390	458	68	Red Bed
458	643	185	Red Bed, Shells
643	926	283	Shale, Red Rock
926	1333	407	Red Bed
1333	1455	122	Shale, Anhy., Shells
1455	1505	50	Anhydrite
1505	1794	289	Salt, Anhy.
1794	2011	217	Salt, Anhy., Shells
2011	2287	276	Salt, Anhy., Shells
2287	2548	260	Salt
2548	2780	232	Salt, Anhy.
2780	2956	176	Salt, Anhy., Shells
2956	3009	53	Anhy., Shells
3009	3029	20	Anhydrite
3029	3197	168	Anhydrite, Lime
3197	3177	20	Lime
3177	3221	44	Broken Anhy. & Lime
3221	3292	71	Lime, Anhydrite
3292	3365	73	Lime
3365	3385	20	Lime, Oil, Gas, Sand
3385	3410	25	Lime, Oil, Gas show
3410	3511	101	Lime
3511	3543	32	Lime, Oil Gas
3543	3719	176	Lime
3719	3725	6	Lime, Oil, Gas
3725	3755	30	Lime
3755	3800	45	Lime, Oil, Gas
3800	3880	80	Lime
3880	3890	10	Lime, Oil, Gas

Total Depth 3890'

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, at its proper time and more than ninety days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following in with "X" RETURN IN TRIPLICATE.

Texas Pacific Coal & Oil Company, Fort Worth, Texas

State New Mexico "A" No. 2 Well No. 27 to SR1 of Sec. 5 T. 22-S

R. 36-E S. N. P. M. So. Eunice Field, Lea County

Well is 660 feet North, the South line and 660 feet west of the East line of Section 5

If State Land, the oil and gas lease is No. N22-2 Assessment No. _____

If patented land the owner is _____ Address _____

If Government land the permittee is _____ Address _____

The license is _____ Address _____

Drilling commenced March 23, 1943 Drilling was completed April 24, 1943

Name of drilling contractor _____ Address _____

Elevation above sea level at top of casing 3392 feet

The information given is to be kept confidential with _____

OIL SANDS OR ZONES	
No. 1. from 1082 to 3089	No. 4. from _____ to _____
No. 2. from Oil & gas 3720 to 3872	No. 5. from _____ to _____
No. 3. from _____ to _____	No. 6. from _____ to _____

IMPORTANT WATER SANDS	
Include date and rate of water inflow and elevation to which water rose in hole.	
No. 1. from _____ to _____	feet _____
No. 2. from _____ to _____	feet _____
No. 3. from _____ to _____	feet _____
No. 4. from _____ to _____	feet _____

CASING RECORD							
WEIGHT PER FOOT	DIAMETER	MARK	AMOUNT	RUN-IN SHOW	OUT & PULLED FROM	PERFORATED FROM TO	PURPOSE
10	40		416				
7" OD	24		3089				
5 1/2"	13-17		662				
2" tubing	4.7		3864				

MUDDING AND CEMENTING RECORD						
SIZE OF HOSE OR HOLES	LENGTH	WATER MIX	NO. BAGS OF CEMENT	METHOD USED	MUD HEAVY	AMOUNT OF MUD USED
13	10"	416	200			
8-7/8	7"	3089	400			
6-5/8	5 1/2"	662	60			

PLEGS AND ADAPTERS
 Heaving pipe Material _____ Length _____ Depth Set _____
 Adapters Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT					
SIZE	DEPTH	EXPOSURE OR CHEMICAL TREATMENT	QUANTITY	DATE	DEPTH CLEARED OUT
		Acid	2,000 gals.	4-26-43	

Results of shooting or chemical treatment 624 bbls.

RECORD OF DRILL-STEM AND SPECIAL TESTS
 If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED
 Rotary tools were used from 0 feet to 3872 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION
 Put in production April 26, 1943
 The production of the first 24 hours was 624 barrels of fluid of which _____ % was oil
 emulsion, _____ % water, and _____ % sediment. Gravity, B _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Back pressure, lbs. per sq. in. _____

EMPLOYEES
 Mr. J. R. Teague, Supt., Texas Pacific Coal and Oil Company _____ Driller
 _____ Driller _____ Driller

FORMATION RECORD ON OTHER SIDE
 I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 4th day of May, 1943, at Ft. Worth, Texas, May 4, 1943.
 L. A. Hartung, Notary Public, Representing TEXAS PACIFIC COAL AND OIL CO., Company of America
 My Commission expires 6-1-43
 P.O. Box 2110, Ft. Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Geliche
55	255	200	Sand & shells
255	398	103	Red Bed & shells
358	416	58	Red Bed
416	726	310	Shale
726	1207	481	Red Bed & shells
1207	1325	118	Red rock
1325	1438	113	R. rock, R. bed.
1438	1456	18	Anhy, Shells
1456	1540	84	Anhydrite
1540	1554	14	Salt
1554	2049	495	Salt, Anhy, Shells
2049	2758	708	Salt, Anhy,
2758	2778	20	Anhydrite
2778	2960	182	Salt & Anhy.
2960	2989	29	Anhydrite
2989	3003	14	Typ
3003	3066	63	Anhy. & Oyp
3066	3089	23	Anhydrite
Strong gas at 3082' to 3089', well tried to blow out, mixed 37 tons Marco Clay, 4 1/2 ton Baroid, 1 1/2 tons of Aqueogel to kill well. Pulled swirl pipe and ran 7" csg. at 3089' under pressure with Oita Equipment.			
3089	3162	73	Anhydrite
3162	3191	29	Anhy, Lime, Shells
3191	3227	36	Anhydrite
3227	3263	36	Anhy, Lime
3263	3300	37	Lime
3300	3313	13	Gas, Sand, Lime
3313	3318	5	Gas & Lime
3318	3340	22	Lime & shale
3340	3360	20	Lime
3360	3370	10	Sandy lime
3370	3382	12	Lime
3382	3428	46	Lime
3428	3478	50	Lime
3478	3511	33	Sandy Lime
3511	3536	25	Lime
3536	3568	32	Lime, Oil, Gas
3568	3602	34	Sandy Lime
3602	3655	53	Lime, Oil, Gas odor
3655	3694	39	Lime, Oil, Gas
3694	3725	31	Sandy Lime, Oil, Gas
3725	3800	75	Lime
3800	3858	58	Lime, Oil, Gas
3858	3872	14	Lime - Oil
TOTAL DEPTH 3872'			

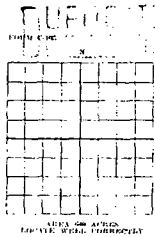
POPULIST
JUL 26 1943
LITTLE
ROCK OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Not in the Conservation Commission, Santa Fe, New Mexico, or its proper agent and more than three days after completion of well. Follow instructions in the Manual and Regulations of the Commission. Indicate questionable data by following it with "C". RECORD IN TELETYPE.



TEXAS PACIFIC COAL AND OIL COMPANY, P. O. Box 1110, Ft. Worth 1, Texas
State "A" No. 2 Well No. 27 in Block 9 of Sec. 9 T. 22-S
N. 16-S N. M. P. M. So. Dunce Field, Lea County.
Well is 660 feet south of the North line and 660 feet east of the East line of Sec. 9.
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Address
Drilling commenced June 3, 1943 Drilling was completed July 1, 1943
Name of driller contractor T. P. U. S. Co. Address
Elevation above sea level at top of casing 3860 feet.
The information given is to be kept confidential until _____ 19____

OIL SAND OR ZONES

No. 1, from 3750 to 3850 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMMEDIATE WATER SAND

Include data on rate of water inflow and elevation to which water runs in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THICKNESS OF WALL	MARKS	AMOUNT	WIND UP	CUT & PILED	PERFORATED	FEET
4 1/2"	40			464'				
4"	34			372'				
2"	4.7 (REV. Tubing)			1846'				

MUDDING AND CEMENTING RECORD

DATE	SIZE OF HOLES	WEIGHT PER FOOT	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11-10	4 1/2"	466'	200			
6-7-8	5 1/2"	312'	130			

PLUGS AND ADAPTERS

Plugs—Material _____ Size _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

DATE	WELL NO.	METHOD OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		H ₂ O Acid	2,000 gal.	7-5-43		
		"	2,000 "	7-8-43		

Results of shooting or chemical treatment. 152 bbls.

RECORD OF TRIPLOGS AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to 3860' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to production July 11, 1943
The production of the first 24 hours was 192,000 5003 bbls. of fluid of which _____ % was oil, _____ % emulsion, _____ % water, and _____ % sediment. Gravity, _____
If gas well, cu. ft. per 24 hours 873,876 C.F. Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. P. Torgue, Supt., Texas Pacific Coal and Oil Company Driller
Driller _____
Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 21st day of _____, Fort Worth, Texas, July 21, 1943

Notary Public _____
Notary Public _____
Notary Public _____

My Commission expires _____
Representing TEXAS PACIFIC COAL AND OIL COMPANY
Company of Incorporated

Address P. O. Box 1110, Ft. Worth 1, Texas

FORMATION RECORD

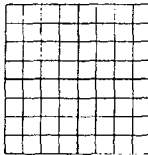
FROM	TO	THICKNESS IN FEET	DESCRIPTION
0	35	35	Guliche
35	185	150	Sand shale, shells
185	276	111	Shale, shells
276	300	24	Red bed, shells
300	466	166	Red rock, shells
466	516	50	Red bed, shells
516	805	289	Red rock, shells
805	1446	641	Red rock
1446	1530	84	Anhydrite
1530	2978	1448	Anhy. & salt
2978	3081	111	Anhydrite
Hole 8" off at 3081', plugged back to 2610' with 250 sacks of Incur Cement to straighten up hole.			
2610	2699	89	Anhydrite
2699	2742	49	Salt, anhy., shells
2742	2771	29	Anhydrite
2771	2960	189	Anhy., salt, cement
2960	3005	45	Anhydrite
3005	3041	36	Anhy. Ory
3041	3071	30	Anhydrite
3071	3105	34	Anhy. Ory.
3105	3166	61	Anhydrite
3166	3310	144	Anhy., Lime
3310	3860	550	Lime
TOTAL DEPTH 3860'			

FORM NO. 1

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



Read to Oil Conservation Commission, Santa Fe, New Mexico, in its printed report and also the necessary report and information of work, including description of the well and equipment of the Commission, for its records, and for the purpose of a well log, should it be required. THIS FORM WILL NOT BE APPROVED UNTIL FORM C-118 IS PROPERLY FILLED OUT.

SEEKERS ARE ADVISED LOCATE WELL, MICROFILM

TEXAS PACIFIC COAL AND OIL COMPANY, P. O. Box 5110, Fort Worth 1, Texas

State New Mexico Well No. 31 in Sec. 9 T. 32-S

R. 36-2 N. M. P. M. So. Emise Field, Lea County

Well is 1980 feet south of the North line and 1980 feet from the West line of Section 9

If State land the oil and gas lease is No. _____

If patented land the owner is _____

If Government land the permit is _____

The lease is _____

Drilling commenced November 3, 1945 Drilling was completed November 26, 1945

Name of drilling contractor M.B.K. Drilling Company, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 5573 feet

The information given is to be kept confidential until _____

OIL SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and strata to which water rose in hole.
No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

Table with columns: DATE, WEIGHT PER FOOT, TENSILE PER INCH, MAKE, AMOUNT, KIND OF SPOCK, CUT & FILLED FROM, PERFORATED FROM TO, PURPOSE. Includes entries for 10#, 7-5/8, 5-1/2, and 2 inch pipes.

MUDDING AND CEMENTING RECORD

Table with columns: DATE OF MUD, VOLUME OF MUD, WATER SHED, NO. BAGS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 11, 9-7/8, and 6-3/4 inch pipes.

LOGS AND ADAPTERS

Header plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: DATE, MUD GRAVITY, SOLUTION OR CHEMICAL USED, QUANTITY, DATE, DEPTH STOP OR TREATMENT, DEPTH CLEANED OUT.

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or detailed surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put in production December 1, 1945
The production of the first 24 hours was 100 barrels of fluid of which 100% was oil.
Gas: _____% water; and _____% sediment. Gravity, Ba. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____ Driller _____
Driller _____ Driller _____

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 26th day of January, 1946, Fort Worth, Texas, January 8, 1946

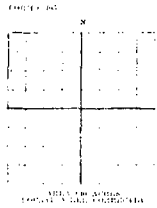
Name _____ Position _____

L. A. BARBER Notary Public Represents TEXAS PACIFIC COAL AND OIL COMPANY

My Commission expires _____ Address: P. O. Box 5110, Fort Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	151	151	Oolite & Shale
151	250	99	Oolite
250	293	43	Red Bed & Shale
293	639	346	Red Bed
639	955	316	Red Bed & Shale
955	1325	370	Red Bed
1325	1395	70	Red Rock
1395	1455	60	Red Bed & Shale
1455	1485	40	Red Bed
1485	1524	39	Red Rock & Anhydrite
1524	1550	26	Anhydrite
1550	1614	64	Anhydrite & Red Rock
1614	2930	1316	Salt & Anhydrite
2930	2993	63	Anhydrite & Lime
2993	3043	50	Anhy, Lime, & Salt
3043	3113	70	Anhydrite & Crp
3113	3431	318	Anhydrite & Lime
3431	3845	414	Lime
TOTAL CORRE		3945	



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Must be filled out by the operator of the well. See instructions on the back of this form. Do not fill out this form until you have been notified by the Commission. Do not fill out this form until you have been notified by the Commission.

TEXAS PACIFIC COAL AND OIL COMPANY, P. O. Box 2110, Fort Worth 1, Texas

State New Mexico, No. 33, to Section 22-8

Well No. 36-B, So. Dupree, Lea County

Well No. 660, BSM, ASH, and 1980, Section #

Assigned to No. N.M. 2-8, Assignment No. 983

Drilled by Helmerick & Purns, Tulsa, Oklahoma

Drilled on December 8, 1945, to a depth of December 30, 1945

Drilled by Helmerick & Purns, Tulsa, Oklahoma

Drilled by Helmerick & Purns, Tulsa, Oklahoma

Drilled by Helmerick & Purns, Tulsa, Oklahoma

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Drilled by Helmerick & Purns, Tulsa, Oklahoma

FORMATION RECORD

DEPTH	THICKNESS IN FEET	FORMATION
0	222	Surface & Heliche
222	1023	Red Bed
1023	1230	Red Rock
1230	1353	Red Bed & Shale
1353	1447	Red Rock
1447	1510	Red Rock & Lime
1510	1615	Red Rock
1615	1636	Sand
1636	1640	Red Rock
1640	1778	Sand, Galt, Anhydrite
1778	2505	Anhydrite & Salt
2505	2610	Salt
2610	3045	Anhydrite & Salt
3045	3120	Anhydrite, Lime, Shells
3120	3163	Anhydrite & Lime
3163	3200	Anhydrite, Lime, Shells, Oyp
3200	3320	Anhydrite & Lime
3320	3341	Lime
3341	3408	Anhydrite & Lime
3408	3792	Lime
3792	3828	Lime (Sandy)
3828	3890	Lime
3890' -- TOTAL DEPTH		

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30 025 08836
Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
Name of Operator CLAYTON WILLIAMS ENERGY, INC.		Lease Name or Unit Agreement Name STATE A VC 2
Address of Operator SIX DESTA DRIVE, SUITE 3000, MIDLAND, TEXAS 79705		Well No. 37
Well Location Unit Letter <u>K</u> : <u>1980</u> Feet From The <u>SOUTH</u> Line and <u>1980</u> Feet From The <u>WEST</u> Line Section <u>8</u> Township <u>22S</u> Range <u>36E</u> NMPM <u>LEA</u> County		Pool name or Wildcat EUNICE 7 RVRS QUEEN, SOUTH
Elevation (Show whether DF, RKB, RT, GR, etc.)		

11 Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ANBANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: TEMPORARILY ABANDON <input checked="" type="checkbox"/>	

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1) LOADED 5-1/2" CASING WITH FIELD SALT WATER.
- 2) PRESSURE TESTED CASING FROM SURFACE TO 3110' TO 530 PSI FOR 30 MINUTES.
- 3) TEMPORARILY ABANDONED WELLBORE FOR FUTURE USE.

This Approval of Regulatory Abandonment Expires 2-23-2004

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Marilyn Martin TITLE REGULATORY ANALYST DATE 10-23-98

TYPE OR PRINT NAME MARILYN MARTIN TELEPHONE NO. 915-682-6324

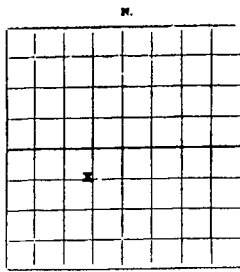
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

IC.6A

dp



AREA 40 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

SEP 17 11 7:16
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

Texas Pacific Coal and Oil Company, N.M. State #A-1/o.2
(Company or Operator) (Lease)

Well No. 37, in NE 1/4 of SW 1/4, of Sec. 8, T. 22-S., R. 36-E., NMPM.
South Boise Pool, Lea County.

Well is 1980' feet from South line and 1980' feet from West line of Section 8. If State Land the Oil and Gas Lease No. is A-983.

Drilling Commenced November 12, 1946. Drilling was Completed December 21, 1946.

Name of Drilling Contractor Corbath Drilling Company.

Address _____

Elevation above sea level at Top of Tubing Head 3600'. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 3200' to 3230' No. 4, from 3640' to 3660'
No. 2, from 3255' to 3285' No. 5, from 3670' to 3684'
No. 3, from 3605' to 3630' No. 6, from 3715' to 3799'

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SPORE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
15 1/2"	70#	New	196'				
10 3/4"	40.5#	New	1478'				
5 1/2"	14#	New	3802'			See Attached Sheet	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	15 1/2"	205'	350			
13 3/4"	10 3/4"	1492'	800			
8 3/4"	5 1/2"	3812'	200			

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See attached sheet

Result of Production Stimulation _____

Depth Cleaned Out _____

R D OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3912 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing February 9, 1947 (after plug back)

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____% was
 was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I.
 Gravity _____

GAS WELL: The production during the first 24 hours was 5690 M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure 1060 lbs.

Length of Time Shut in 24 hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	<u>1390'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>41</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>3040'</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3195'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>3396'</u>	T. McKee.....	T. Menefee.....
T. Queen.....	<u>3800'</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T. Granite.....	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Misc.....		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	36	36	Caliche	2773	2780	7	Salt
36	77	41	Shale, sand & shells	2780	2961	181	Anhydrite
77	170	93	Sand & shells	2961	3010	59	Anhydrite & salt
170	208	38	Sand, shells & red bed	3010	3059	49	Anhydrite
208	375	167	Red bed & shale	3059	3070	11	Anhydrite & sand
375	470	95	Red rock & shale	3070	3085	15	Anhydrite
470	678	208	Shale & sand	3085	3878	793	Lime
678	760	82	Sand & shells	3878	3901	23	Lime & sand
760	860	100	Shale & shells	3901	3912	11	Lime
860	900	40	Sand & Shale				
900	975	75	Sand & Shells				
975	1080	105	Shale & shells				
1080	1135	55	Red rock & shale				
1135	1176	41	Sand & shell				
1176	1245	69	Anhydrite & shells				
1245	1323	78	Red rock & shale				
1323	1328	5	Anhydrite				
1328	1380	52	Red rock & Anhydrite				
1380	1508	128	Red bed & Anhydrite				
1508	1510	2	Anhydrite				
1510	1945	435	Sand, shale & salt				
1945	2250	295	Salt, Anhydrite & shells				
2250	2535	285	Salt & Anhydrite				
2535	2742	207	Salt, Anhydrite & gyp				
2742	2762	20	Salt & Anhydrite				
2762	2773	11	Anhydrite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 15, 1956
(Date)

Company or Operator Texas Pacific Coal and Oil Co. Address Box 1688 Hebbs, New Mexico
 Name John Yvonka Position or Title District Engineer

DUPLICATE

APR 9 1947

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Grid for well location coordinates

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not later than twenty days after completion of well. Follow instructions in the State and Regulations of the Commission. Indicate checkable data by marking it with (X). SUMMARY IN REPLICATED FORM G-118 WILL NOT BE APPROVED UNTIL FORM G-118 IS PROPERLY FILLED OUT.

AREA AND ACRES LOCATE WELL CORRECTLY
TEXAS PACIFIC COAL AND OIL COMPANY P.O. Box 2110, Fort Worth 1, Texas
Company or Operator Address
New Mexico State "A" As. 2 Well No. 38 in SW 1/4 of Sec. 9 T. 22-N
Lease
36-A N. V. M. Co. Drills Field East Lea County
Well is 1380 feet deep of the 3000 line and 1380 feet deep of the 3000 line of Revision
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lessee is Address
Drilling commenced NOV 28 1946 Drilling was completed March 13 1947
Name of drilling contractor Corbett Drilling Company Address Tulsa, Okla.
Elevations above sea level at top of casing 3555 feet.
The information given is to be kept confidential until _____ 19____

Oil bands or zones table with columns for No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and corresponding elevations.

Important water bands table with columns for No. 1, 2, 3, 4 and corresponding elevations.

Casing record table with columns for Size, Weight, Threads, Make, Amount, Kind of pipe, Out & filled from, Cemented, Purpose.

Mudding and cementing record table with columns for Size of hole, Size of casing, When set, No. sacks of cement, Method used, Mud gravity, Amount of mud used.

Floors and adapters
Heaving plug—Material Length Depth Set
Adapters—Material Size

Record of shooting or chemical treatment table with columns for Size, Well used, Explosive or chemical used, Quantity, Date, Depth shot or treated, Depth cleaned out.

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS
If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED
Rotary tools were used from 0 feet to 1380 feet and from 1380 feet to 1380 feet
Cable tools were used from 0 feet to 1380 feet and from 1380 feet to 1380 feet

PRODUCTION
Put to production Shut in
The production of the first 24 hours was _____ barrels of fluid with _____ % water and _____ % oil.
If gas well, cu. ft. per 24 hours _____ Chalkline gallons per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in. _____

EMPLOYEES
Corbett Drilling Company Driller
Driller

FORMATION RECORDED ON OTHER SIDE
I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 7th day of April 1947
Name St. ...
Position Agent
Representing TEXAS PACIFIC COAL AND OIL COMPANY
Address P.O. Box 2110, Fort Worth 1, Texas
My Commission expires 4/1/47

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	16	16	Surface
16	47	31	Sand
47	1180	1133	Sand, Red Bed
1180	1510	330	Red Bed, Shells
1510	1750	240	Anhydrite, Shale
1750	1880	130	Anhydrite, Red Bed, Shale
1880	1985	105	Anhydrite, Red Bed
1985	2050	65	Red Bed
2050	2165	115	Salt
2165	2460	295	Anhydrite, Salt
2460	2485	25	Salt
2485	2565	80	Salt, Shells
2565	2665	100	Salt
2665	2790	125	Salt, Anhydrite, Shells
2790	2920	130	Salt, Shells
2920	2940	20	Salt
2940	2980	40	Salt, Anhydrite
2980	3020	40	Anhydrite, Gyp
3020	3085	65	Anhydrite
3085	3145	60	Sandy Lime
3145	3166	21	Lime, Anhydrite
3166	3285	119	Anhydrite
3285	3380	95	Gyp, Anhydrite
3380	3405	25	Anhydrite
3405	3425	20	Anhydrite, Sandy Lime
3425	3845	420	Lime

DRILLED TO 3845' and PB to 3823'

Completed for Gas Well and Shut In.

Drill Stem Test : 3448 to 3580' open 40 min - 950# pressure - 1" Ch.Tap - 5/8" bottom Sweet gas to surface in 20 min. Tested 20 WCF. Recovered 300' of gas out mud and 200' Black Salt Water.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form 7-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-08858
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>		<p>7. Lease Name or Unit Agreement Name</p> <p align="center">State A A/C 2</p>	
<p>1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>8. Well No. 39</p>	
<p>2. Name of Operator Raptor Resources, Inc.</p>		<p>9. Pool name or Wildcat Eunice 7Rvrs Queen South</p>	
<p>3. Address of Operator P.O. Box 160430, Austin, Texas 78716-0430</p>		<p>4. Well Location Unit Letter <u>C</u> : <u>990</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>9</u> Township <u>22S</u> Range <u>36E</u> NMPM Lea County</p>	
<p>10. Elevation (Show whether DF, RKB, RT, GR, etc.)</p>			

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <u>T/A Test</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Test 5/5/99

1. Load casing with 2%KCL water and corrosion inhibitor. (CIBP set @ 3650' w/35' cement.)
2. Pressure casing surface to 3650' 520# for 30 minutes. No loss. Chart attached.
3. Request T/A status for 5 years.

This Approval of Temporary
Maintenance Expires 10-23-2004

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Joel Sisk TITLE Production Foreman DATE 5-17-99

TYPE OR PRINT NAME Joel Sisk (505) TELEPHONE NO. 394-2574

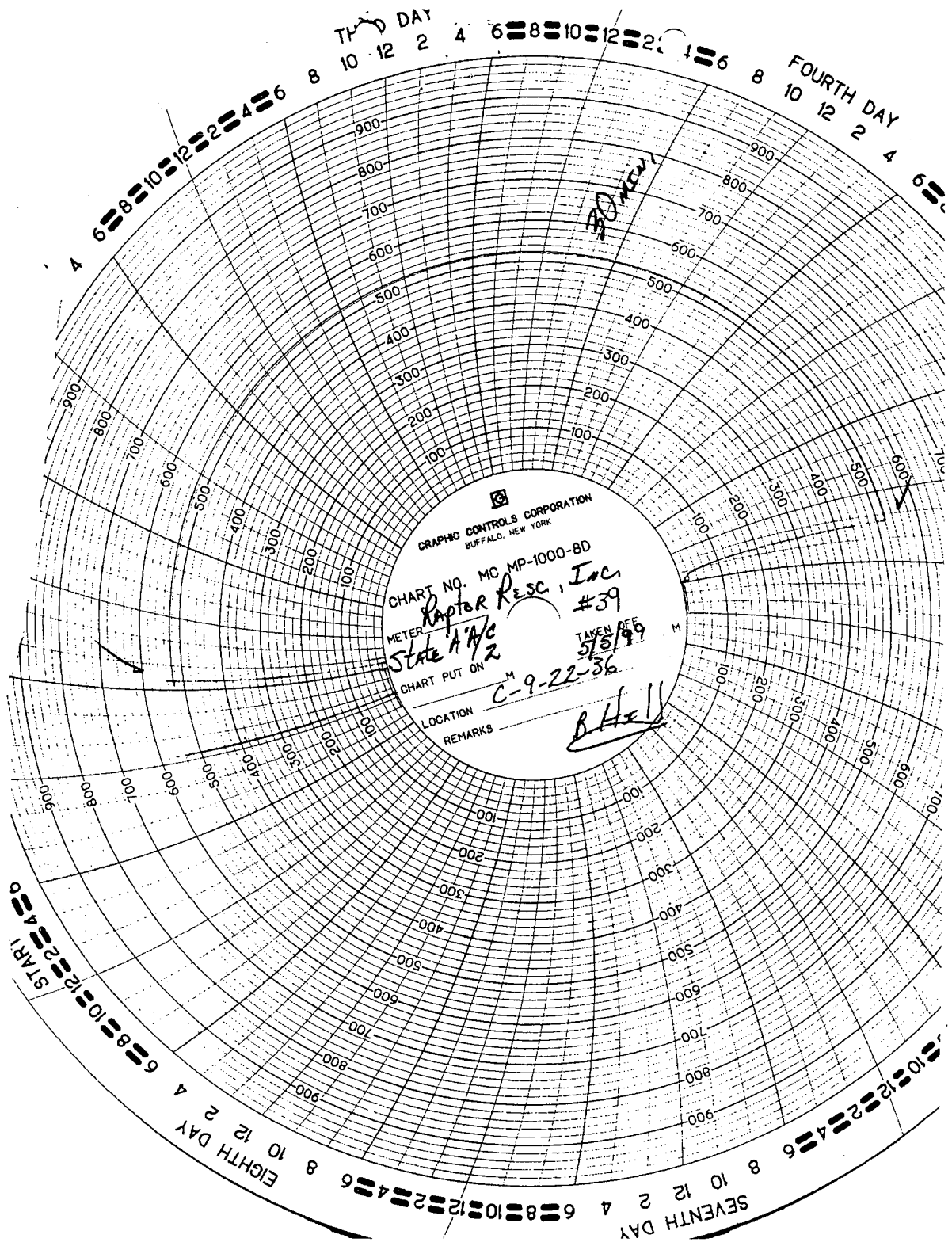
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RCM

799



THIRD DAY

FOURTH DAY

SEVENTH DAY

EIGHTH DAY

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-1000-8D

METER Raptor Resc, Inc #39

STATE A/C

TAKEN AT 5/15/99

CHART PUT ON C-9-22-36

LOCATION

REMARKS

B.Hell

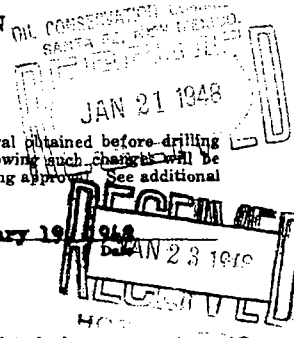
START

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.



Fort Worth, Texas January 19 1948

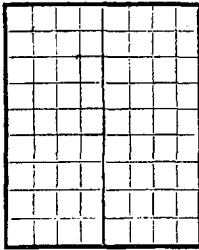
OIL CONSERVATION COMMISSION, Santa Fe, New Mexico,

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as _____

TEXAS PACIFIC COAL AND OIL CO., State New Mexico, Well No. 38 in NW1/4

of Sec. 9, T. 22-S, R. 36-E, N. M. P. M., So. Denice Field, Lea County.



AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is 990 feet (XX) of the North line and 1650 feet (E.) (XX) of the West line of Section _____

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is _____

Address _____

If government land the permittee is _____

Address _____

The lessee is _____

Address _____

We propose to drill well with drilling equipment as follows: Rotary Tools

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: Required bond on file

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Backs Cement
15	12 1/2	50#	S.H.	400	Cemented	165
11	8 5/8	32	New	1600	"	200
7 7/8	5 1/2	14	New	2800	"	500

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about _____ feet.

Additional information:

Approved _____ JAN 23 1948, 19 _____ except as follows:

Sincerely yours,

TEXAS PACIFIC COAL AND OIL COMPANY
Company or Operator

By _____

Position Agent

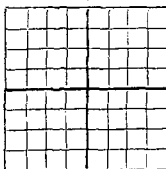
Send communications regarding well to

Name R. J. Mackenstein

Address P.O. Box 2110, Fort Worth 1, Texas

OIL CONSERVATION COMMISSION
By _____
Title OIL & GAS INSPECTOR

FORM O-105



AREA AND CORNER LOCATE WELLS CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
MAY 18 1945
HOBBS OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, at its proper address not more than twenty days after completion of well. Failure to comply with the rules and regulations of the Commission, including compliance with the following is cause for forfeiture of the well. FORM O-105 WILL NOT BE APPROVED UNTIL FORM O-106 IS PROPERLY FILLED OUT.

TEXAS PACIFIC COAL AND OIL COMPANY P.O. Box 2110, Fort Worth 1, Texas
State "A" Ac. 2 Company or Operator Well No. 39 in NW1/4 of Sec. 9 T. 22-S
R. 36-W N. M. P. M. South Bendon Field East West Lea County
Well is 990' feet south of the North line and 1650' feet west of the East line of Section
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Address
If Government land the permittee is Address
The Lease is Address
Drilling commenced February 14, 1945 Drilling was completed February 17, 1945
Name of drilling contractor Company Tools Address
Elevation above sea level at top of casing 3583' feet
The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1. from _____ to _____ No. 4. from _____ to _____
No. 2. from _____ to _____ No. 5. from _____ to _____
No. 3. from _____ to _____ No. 6. from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1. from _____ to _____ feet.
No. 2. from _____ to _____ feet.
No. 3. from _____ to _____ feet.
No. 4. from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKER	AMOUNT	DEPTH OF SET	OUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
13-3/8	48		Sealems	233'				
9-5/8	36		"	3029'				
5-1/2	17		"	11029'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAKES OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8	243'	250			
12-3/4	9-5/8	3029'	2000			
8-3/4	5-1/2	11033'	400			

FLUGS AND ADAPTERS

Heaving Plug - Material _____ Length _____ Depth Set _____
Adapters - Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CEMENTED OUT
		Mud acid	500 gals.	9-13-48	10936-10946	
		Nitro Glycoline	100 qts.	2-17-48	10860-10950	

Results of shooting or chemical treatment Flowed 230 bbls. of oil load. Pressured up 22000' formation and would not take acid

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 10,956 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to production March 28, 1945
The production of the first 24 hours was 3 barrels of fluid of which _____ % was oil; 100 % emulsion; _____ % water; and _____ % sediment. Gravity, _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1000 cu. ft. of gas.
Rock pressure, lbs. Per sq. in. _____

EMPLOYEES

C. E. Phipps Driller C. M. Brown Driller
Harvey Seed Driller P. D. Hall Driller

FORMATION RECORD ON OTHER SIDE

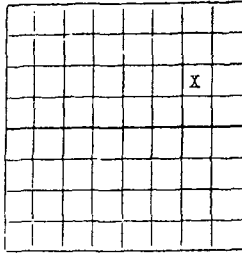
I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 12th day of May 1945 at Fort Worth, Texas
Name _____ Position _____
L. A. Hartung Notary Public
My Commission expires 6-1-49
Representing TEXAS PACIFIC COAL AND OIL COMPANY
Address P.O. Box 2110, Fort Worth 1, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	90	90	Gallie, Red bed
90	575	485	Shells and sand
575	855	280	Sand and red rock
855	1125	270	Red bed and shells
1125	1160	35	Red bed
1160	1240	80	Sand and shells
1240	1370	130	Rock and shells
1370	1428	58	Rock and gyp
1428	1540	112	Anhydrite and salt
1540	1553	13	Anhydrite and lime
1553	1615	62	Shale
1615	1620	5	Anhydrite and lime
1620	1730	110	Anhydrite and salt
1730	1880	150	Anhydrite, salt and shale
1880	2055	175	Anhydrite and salt
2055	2360	305	Anhydrite, salt and shale
2360	2505	145	Anhydrite, shells and salt
2505	2800	295	Anhydrite and salt
2800	2920	120	Anhydrite, salt and shells
2920	2970	50	Anhydrite and salt
2970	3135	160	Anhydrite and lime
3135	3256	121	Lime and sand
3256	3335	79	Lime and anhydrite
3335	3360	25	Lime
3360	3383	23	Lime and anhydrite
3383	3444	61	Lime
3444	3459	15	Lime and anhydrite
3459	3543	84	Lime
3543	3575	32	Lime and sand
3575	3679	104	Lime
3679	3695	16	Lime and sand
3695	3771	76	Lime
3771	3790	19	Sand and shale
3790	3817	27	Sandy lime
3817	3893	76	Lime, sand streaks
3893	3937	44	Lime and anhydrite
3937	4035	98	Sandy lime
4035	4093	58	Sandy lime and anhydrite
4093	4690	597	Lime
4690	4731	41	Dolomite
4731	4882	151	Lime
4882	4987	105	Dolomite
4987	5019	32	Lime
5019	5085	66	Dolomite
5085	5155	70	Lime
5155	5205	50	Dolomite
5205	5373	168	Sandy lime
5373	5415	42	Dolomite and lime
5415	5420	5	Dolomite
5420	5437	17	Lime
5437	5545	8	Dolomite
5545	5596	51	Lime and dolomite
5596	5669	73	Dolomite
5669	5711	42	Lime
5711	5835	124	Dolomite
5835	5877	42	Lime
5877	6152	275	Dolomite
6152	6180	28	Lime
6180	6186	6	Dolomite
6186	6205	19	Lime
6205	6228	24	As Dolomite
6228	6268	40	Lime
6268	6485	217	Dolomite
6485	6542	57	Dolomite and lime
6542	6590	8	Dolomite
6590	6605	15	Dolomite and lime
6605	6667	62	Dolomite
6667	6740	73	Dolomite and lime
6740	6791	51	Dolomite
6791	6815	24	Dolomite and gyp
6815	6838	23	Dolomite
6838	6852	14	Sandy lime
6852	6876	24	Dolomite and gyp
6876	6902	26	Lime
6902	6915	13	Lime and dolomite
6915	7051	136	Dolomite
7051	7071	20	Dolomite and lime
7071	7124	53	Dolomite
7124	7154	30	Dolomite and lime
7154	7218	64	Dolomite
7218	7237	19	Dolomite and lime
7237	7273	36	Dolomite
7273	7294	21	Dolomite and lime
7294	7404	110	Dolomite
7404	7426	22	Lime and dolomite
7426	7508	82	Dolomite
7508	7528	20	Dolomite and gyp
7528	7546	18	Dolomite
7546	7607	61	Lime and dolomite
7607	7630	23	Dolomite
7630	7653	23	Lime and dolomite
7653	7678	25	Lime
7678	7694	16	Dolomite
7694	7737	43	Lime
7737	7751	14	Dolomite and lime
7751	7765	14	Lime
7765	7787	22	Lime and dolomite
7787	7828	41	Lime and gyp
7828	7955	127	Lime
7955	7981	26	Lime and green shale
7981	8011	30	Lime
8011	8041	30	Shale and lime
8041	8060	19	Lime
8060	8070	10	Lime and shale
8070	8083	13	Shale, lime and gyp
8083	8105	22	Lime
8105	8125	20	Lime, shale and gyp
8125	8135	10	Lime and gyp
8135	8154	19	Lime
8154	8175	21	Lime and shale
8175	8196	21	Dolomite and gyp
8196	8301	105	Lime
8301	8318	17	Dolomite
8318	8341	23	Dolomite and gyp
8341	8393	52	Lime
8393	8432	39	Lime and dolomite
8432	8450	18	Dolomite

Revised 7/1/50
(Form C-168)



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Texas Pacific Coal & Oil Company State "A" A/c-2
(Company or Operator) (Lessee)

Well No. 43, in SE 1/4 of NE 1/4, of Sec. 8, T. 22S, R. 36E, NMPM.
Jalmat Pool, Lea County.

Well is 1650 feet from North line and 990 feet from East line of Section 8. If State Land the Oil and Gas Lease No. is NM-2A

Drilling Commenced October 14, 1957 Drilling was Completed October 30, 1957

Name of Drilling Contractor Pico Drilling Company
Address Breckenridge, Texas

Elevation above sea level at Top of Tubing Head 3570 Grnd. The information given is to be kept confidential until 19.....

OIL BANDS OR ZONES

No. 1, from 3180 to 3320 (Gas) No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER BANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SOLE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	28#	New	318	Guide	-		Surface
5-1/2"	14	New	3318	Fl. Sh-Fl. Col.	-	3180-3200, 3236-3320	Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	8-5/8	328	300	Pump	9.2	-
7-7/8	5-1/2	3327	250	Pump	9.2	-
4-3/4						

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qt. or Gals. used, interval treated or shot.)

11/4/57 - 1,000 Mud Acid

11/7/57 - 20,000 Gal. Water & 20,000# sand

Result of Production Stimulation: After Mud Acid 869 MCFPD
After Water Frac 4250 AOF

Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 3640 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing December 14, 1957

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____% was
 was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I.
 Gravity _____

GAS WELL: The production during the first 24 hours was 4250 M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure 1100 lbs.

Length of Time Shut in 72

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates..... <u>3142</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... <u>3330</u>	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. Rustler <u>1398</u>	T. Morrison.....
T. Drinkard.....	T. Tansil <u>2984</u>	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

FORMATION RECORD

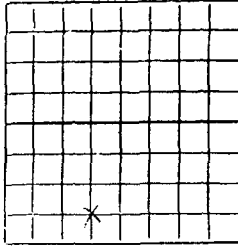
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	198	198	Caliche & Sand				
198	1885	1687	Red Bed				
1885	1980	95	Anhydrite & Gyp.				
1980	3190	1210	Anhydrite & Salt				
3190	3296	106	Anhydrite				
3296	4474	1178	Anhydrite & Gyp.				
4474	4554	80	Anhydrite				
4554	4757	203	Anhydrite & Lime				
4757	8214	3457	Lime				
8214	8313	99	Lime & Shale				
8313	9087	774	Lime				
9087	9098	11	Lime & Shale				
9098	10692	1594	Lime				
CONTRACT ROTARY TO TOTAL DEPTH 10,692' RTM							
CEMENT DRILLED OUT 5 1/2" PIPE 10,657' BTD							

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

January 20, 1958

Company or Operator Texas Pacific Coal & Oil Company Address P. O. Box 1688 - Hobbs, N. M. (Date)
 Name [Signature] Position or Title District Engineer



AREA 400 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Texas Pacific Coal and Oil Company (Company or Operator) State TX 148-3
 Well No. 46 in SE 1/4 of 54 1/4, of Sec. 5, T. 25, R. 36E, NMPM.
South Bridge Pool, Lee County.
 Well is 660 feet from South line and 1900 feet from West line
 of Section 5. If State Land the Oil and Gas Lease No. is 28-2A
 Drilling Commenced June 4, 1940. Drilling was Completed June 31, 1940.
 Name of Drilling Contractor F. W. A. Drilling Company
 Address Mohite Falls, Texas
 Elevation above sea level at Top of Tubing Head 3503. The information given is to be kept confidential until
 _____, 19____.

OIL SANDS OR ZONES

No. 1, from 374 to 3954 STM No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
 No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF EROSE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9-5/8	32.30	New	309	Float			Surface
7	20	New	376	Float			Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4	9-5/8	339	30000 lb. Oil	Pump & Plug		
8-3/4	7	376	30000 lb. Oil	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qt. or Gals. used, interval treated or shot.)

Open hole Fibro 1200 at 382-1/2 w/3 lbs. 3 charges.
 Sand oil treat w/ 6,000 gal. refined oil and 20,000 lbs. sand.
 Result of Production Stimulation Flowed 65 bbls. oil, 5 bbls. water through a 1 1/2" choke in 8 hours. Tested on 6/22/60.
 Depth Cleaned Out 3554 STM

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3824 feet, and from 0 feet to 0 feet.
 Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing June 19, 1940

OIL WELL: The production during the first 24 hours was 70 barrels of liquid of which 92.0% was oil; 0% was emulsion; 7.2% water; and 0% was sediment. A.P.I. Gravity 30

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. 1393	T. Devonian	T. Ojo Alamo	
T. Salt 1677	T. Silurian	T. Kirtland-Fruitland	
B. Salt 3006	T. Montoya	T. Farmington	
T. Yates 3098	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers 3335	T. McKee	T. Menefee	
T. Queen 3730	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	

FORMATION RECORD

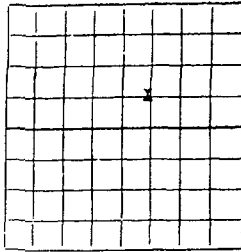
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	322	322	Sand & Red Mud				
322	1339	1017	Red Mud, Shells				
1339	3006	1667	Artyd. & Salt				
3006	3383	377	Artyd. & Liro				
3383	3730	347	Lime				
3730	3854	124	Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records. July 18, 1940

Texas Pacific Coal & Oil Company, P. O. Box 1630, Hobbs, New Mexico

Company or Operator Name: [Signature] Address: Petroleum Engineer
 Name: [Signature] Position: [Signature]



AREA 100 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Feb 17 1964

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Texas Pacific Oil Company State "A" A/c-2
(Company or Operator) (Lease)

Well No. 57, in NE 1/4 of SW 1/4, of Sec. 9, T. 22-S, R. 36-E, NMPM.
South Plains Pool, Lea County.

Well is 1980 feet from North line and 1980 feet from East line of Section 9. If State Land the Oil and Gas Lease No. is X-983

Drilling Commenced January 21, 1964. Drilling was Completed January 30, 1964.

Name of Drilling Contractor F.W.A. Drilling Company
Address Wichita Falls, Texas

Elevation above sea level at Top of Tubing Head 3565 Gals. The information given is to be kept confidential until 19...

OIL SANDS OR ZONES

No. 1, from 3755 to 3780' No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
No. 2, from to feet
No. 3, from to feet
No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF HOSE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	32#, 28#, 24#	New	325'	Float			Surface
5-1/2"	17#, 15.5#, 14#	New	3796'	Float		3755-3780'	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLES	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	335'	300 + 4% Gal	Pump & Plug		
7-7/8"	5-1/2"	3806'	250 4% Gal	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qu. or Gals. used, interval treated or shot.)

Perforated 3755', 3757', 3765', 3773' & 3780'. Ran Baker Full bore packer and acidised with 1000 gals. mud acid. Sand-oil treated with 20,000 gal. oil & 40,000# sand w/Adomite.

Result of Production Stimulation Pumped 70 BO and 8 BW. GOR 886/1. Treated 2/8/64.

Depth Cleaned Out 3806 RTM

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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	NAT.
OPERATION OFFICE	
OPERATION	

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE If State Land submit 6 Copies

AREA 648 ACRES
LOCATE WELL CORRECTLY.

Texas Pacific Oil Company State TX 102
 Well No. 9 in SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 9, T. 22-S, R. 36-E, NMPM.
 Pool, Lee County.
 South Twice
 Well is 1500 feet from South line and 2000 feet from West line
 of Section 9. If State Land the Oil and Gas Lease No. is 1-983
 Drilling Commenced October 9, 51 Drilling was Completed October 21, 1964
 Name of Drilling Contractor PWA Drilling Company
 Address Wichita Falls, Texas
 Elevation above sea level at Top of Tubing Head 3575.9 Q.L. The information given is to be kept confidential until
 _____, 19_____

OIL SANDS OR ZONES

No. 1, from 3670 to 3737 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER BANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF BRINE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
7-5/8"	26.8	New	318'	Plant			Surface
4-3/2"	9.54	New	3860'	Plant		3670-3737	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	7-5/8"	128'	250 sks.	Pump & Plug		Circulated
6-3/4"	4-3/2"	1870'	300 sks.	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

acidized w/1000 gals. SOT w/25,000 gal. ref. oil & 25,000# sand with
 1/40# Adomite.

Result of Production Stimulation 24 bbls. new oil & 65 BW

Depth Cleaned Out _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3870 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing December 4, 1964
 OIL WELL: The production during the first 24 hours was 89 barrels of liquid of which 27 % was oil; _____ % was emulsion; 73 % water; and _____ % was sediment. A.P.I. Gravity _____
 GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of liquid Hydrocarbon. Shut in Pressure _____ lbs.
 Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Rustler <u>1416</u>	Southeastern New Mexico		Northwestern New Mexico
Top <u>1381</u>		T. Devonian	T. Ojo Alamo
1381 <u>2959</u>		T. Silurian	T. Kirtland-Fruitland
T. Salt		T. Montoya	T. Farmington
B. Salt <u>3115</u>		T. Simpson	T. Pictured Cliffs
T. Yates <u>3302</u>		T. McKee	T. Menefee
T. J. Rivers <u>3667</u>		T. Ellenburger	T. Point Lookout
T. Queen		T. Gr. Wash.	T. Mancos
T. Grayburg		T. Granite	T. Dakota
T. San Andres		T. Morrison	T. Penn.
T. Glorieta			
T. Drinkard			
T. Tubbs			
T. Abo			
T. Penn.			
T. Miss.			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	332	332	Sand & Red Bed				
	332	1328	996 Red Bed & Anhydrite				
	1328	2028	700 Red Bed, Anhyd. & Salt				
	2028	2829	801 Anhydrite & Salt				
	2829	3870	1041 Anhydrite, Gyp & Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

John H. Hensel 12/7/64
Texas Pacific Oil Company P.O. Box 1069, Hobbs, New Mexico
 Company or Operator _____ Address _____

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
NM 2 A

7. Unit Agreement Name

8. Farm or Lease Name
State "A" A/c-2

9. Well No.
61

10. Field and Pool, or Wildcat
South Eunice

12. County
Lea

19. Proposed Depth **3900'** 19A. Formation **Seven Rivers Queen** 20. Rotary or C.T. **Rotary**

21. Elevations (Show whether DF, RT, etc.) **3584.4 GR** 21A. Kind & Status Plug. Bond **As required** 21B. Drilling Contractor **Not selected** 22. Approx. Date Work will start **Upon Approval**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER **Injection Well** SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Texas Pacific Oil Company, Inc.

3. Address of Operator
P. O. Box 1069, Hobbs, New Mexico 88240

4. Location of Well UNIT LETTER **J** LOCATED **1980** FEET FROM THE **South** LINE
AND **1780** FEET FROM THE **East** LINE OF SEC. **8** TWP. **22** RGE. **36** NMPM

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11	7 5/8	24#	350	175	
6 3/4	4 1/2	9.5#	3900	300	

THIS INFORMATION IS TO BE NOTED
21. Kind & Status Plug. Bond **As required**
7/8

APPROVAL VALID
FOR 90 DAYS UNLESS
EXTENDED COMMENCED,
EXPIRES **8-11-70**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Original Signed by Sheldon Ward Title Area Superintendent Date May 8, 1970

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE MAY 11 1970

CONDITIONS OF APPROVAL, IF ANY:

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
Eustler 1425			
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 3173	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3358	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3767	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Elinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1456		Red Bed				
1456	1691		Red Bed & Salt				
1691	3012		Salt & Anhydrite				
3012	3321		Anhydrite				
3321	3446		Anhydrite & Lime				
3446	3900		Lime				

RECEIVED
 OCT 7 1970
 OIL CONSERVATION COM.
 ALBUQUERQUE, N.M.

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 May 27, 2004

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-23507
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Mission Resources		6. State Oil & Gas Lease No.
3. Address of Operator 1100 Louisiana, Suite 1455 Houston TX 77002		7. Lease Name or Unit Agreement Name State A A/C 2
4. Well Location Unit Letter <u>J</u> : 1980 feet from the <u>South</u> line and <u>1780</u> feet from the <u>East</u> line Section <u>8</u> Township <u>22S</u> Range <u>36E</u> NMPM Lea County		8. Well Number 61
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3584' GR		9. OGRID Number
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Eunice 7 Rvrs Queen South
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: T/A Test <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Test Date: 2-21-2006

1. Load casing w/ 2% KCL and corrosion inhibitor. (CIBP @ 3750' w/ 35' cmt)
2. Pressure test csg. Surface to 3750' to 500 psi for 30 minutes. (See attached chart)
3. Request 90 days to bring well into compliance.

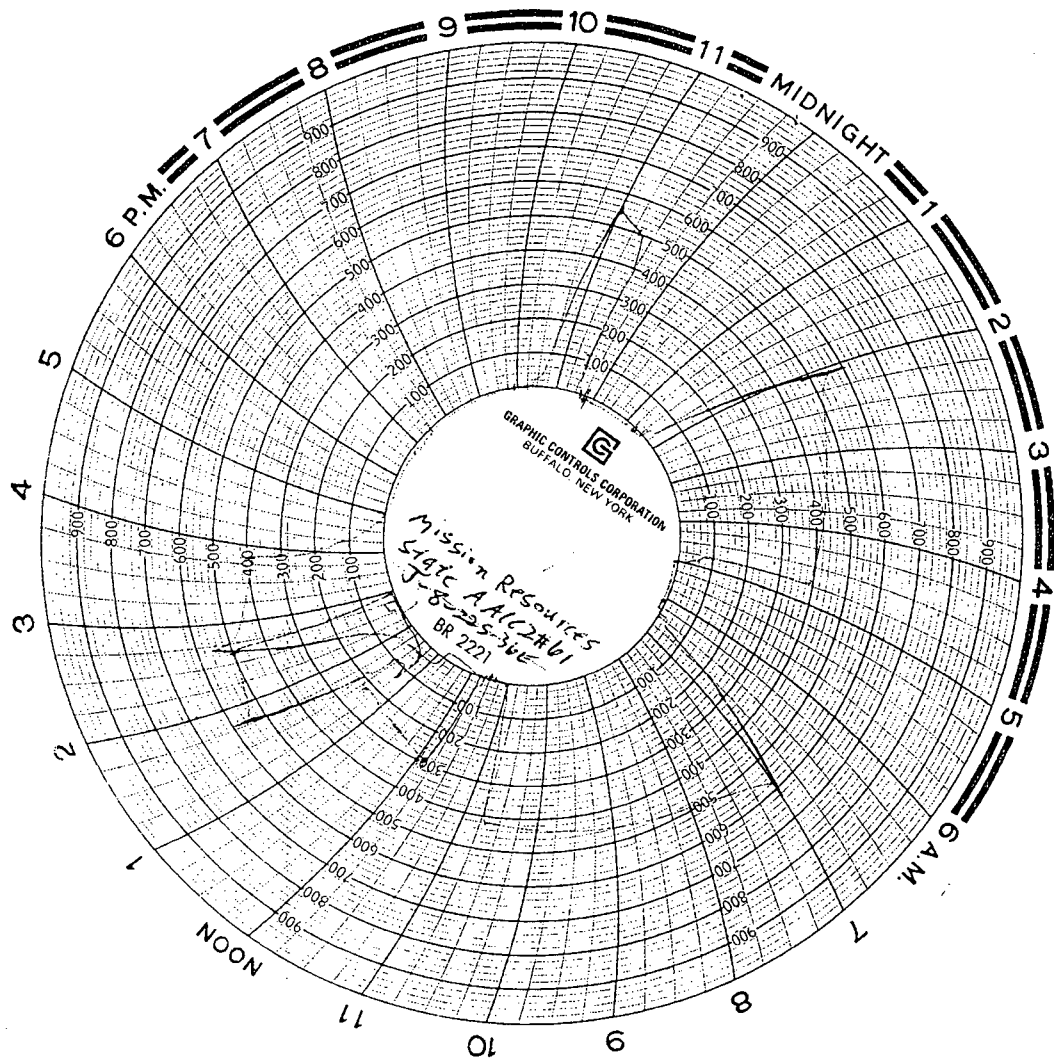
This Approval of Temporary Abandonment Expires

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit or an (attached) alternative OCD-approved plan .

SIGNATURE Joel Sisk TITLE Production Foreman DATE 2-14-2006

Type or print name Joel Sisk E-mail address: jsisk@petrohawk.com Telephone No. 505-390-8936
 For State Use Only

APPROVED BY: Hay W. Wink OIL FIELD REPRESENTATIVE II/STAFF MANAGER DATE FEB 27 2006
 Conditions of Approval (if any)



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Form C-105
Revised 11-4-74

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
NM-2A

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESRV. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
State "A" A/c-2

9. Well No.
63

10. Field and Pool, or Wildcat
Jalmat

2. Name of Operator
Texas Pacific Oil Company, Inc.

3. Address of Operator
P. O. Box 4067, Midland, Texas 79701

4. Location of Well

UNIT LETTER C LOCATED 990 FEET FROM THE north LINE AND 2310 FEET FROM

THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E

11. County
Lea

15. Date Spudded 5-29-77 16. Date T.D. Reached 6-5-77 17. Date Compl. (Ready to Prod.) 9-2-77 18. Elevations (H.F., RAB, RT, CR, etc.) 3569' GR 19. Elev. Casinghead

20. Total Depth 3700' 21. Plug Back T.D. 3638' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By: Rotary Tools _____ Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
3182'-3584' Yates-Seven Rivers

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR CN & DL

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	807'	12 1/4"	500 sx. Class "C"	
5 1/2"	14	3700'	7 7/8"	1425 sx. Class "C"	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	3580'	

31. Perforation Record (Interval, size and number) 1 shot P/2 ft.
3183'-85', 3187'-91', 3242'-48', 3254'-72',
3302'-28', 3365'-71', 3421'-27', 3440'-42',
3480'-3504', 3524'-32', 3550'-68', 3576'-84',
w/4" Casing gun (76 - .45" holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3183'-3584'	3000 gals. 15% HCl Acid
	Fraced w/50,000 gals. &
	36,000# Sand.

33. PRODUCTION

Date First Production 6-21-77 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut In

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Surf - Oil Bottle
9-2-77	4 Hours	3/4"		0	CAOF 836	0	

Flow Tubing Press. 109 psia Casing Pressure _____ Calculated 24-Hour Rate _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Oil Gravity - A1 (Corr.) _____

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed by _____

35. List of Attachments
Deviation Survey Form C-122

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED M. Schroeder TITLE Area Engineer DATE 9-14-77

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 10-72

50. Indicate Type of Lease
State Fee

51. State Oil & Gas Lease No.

13. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

14. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESRV. OTHER

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861, Midland, TX 79702

4. Location of Well
UNIT LETTER A LOCATED 1250 FEET FROM THE North LINE AND 1250 FEET FROM
THE East LINE OF SEC. 8 TWP. 22-S RGE. 36-E NADON

5. Date Spudded 8/13/83 16. Date T.D. Reached 8/17/83 17. Date Compl. (Ready to Prod.) 10/18/83 18. Elevations (DF, RKB, RT, GR, etc.) 3564.4' Gr 19. Elev. Casinghead

20. Total Depth 3900 21. Plug Back T.D. 3895 22. (If Multiple Compl., How Many) 23. Intervals Drilled by Rotary Tools X Cable Tools

24. Producing Intervals, of this completion - Top, Bottom, Name 3719-3900 Queen 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run CNT 27. Was Well Cored

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB.-FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	579	12-1/4	375 Sxs	None
5-1/2	17#	3900	7-7/8	1300 Sxs	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8	3815

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
3840-3876 - 1 JSPF 37 holes w/ 4" OD CG	DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
3792-3832 - 1 JSPF 41 holes w/ 4" OD CG	3840-3876 Acdz w/ 3000 gals 15% NEFE
3756-3788 - 1 JSPF 33 holes w/ 4" OD CG	3792-3832 Acdz w/ 2500 gals 15% NEFE HCL
	3756-3788 Acdz w/ 2000 gals 15% NEFE

33. PRODUCTION

Date First Production 10/14/83 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1-1/4" Well Status (Prod. or Shut-in) Prod

Date of Test 10/25/83 Hours Tested 24 Choke Size 3 Prod'n. Per Test Period Oil - Bbl. 3 Gas - MCF 23 Water - Bbl. 64 Gas-Oil Ratio 7667/1

Flow Tubing Press. Coating Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 33.4

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By

35. List of Attachments .04

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Dee Ann King TITLE Sr. Acctng. Asst. DATE 11/14/83

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-117
Revised 12-65

All distances must be from the outer boundaries of the Section

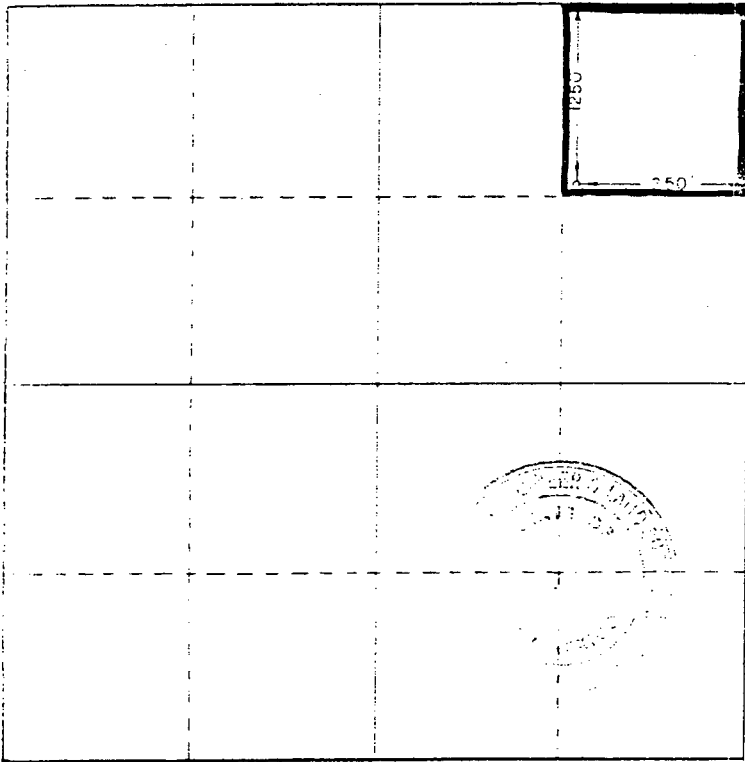
Sun Exploration & Producing Company		State "A" A/C 2	
A	S	22 South	36 East
1250		North	1250 East
3564.4	Quero	Ewice Suro River's Quero South	-5

- Outline the acreage dedicated to the subject well by colored pencil or hatch marks on the plat.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all leases been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes" type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (if so) on the side of this form if necessary.

No allowable will be assigned to the well until all interests have been consolidated by communitization, unitization, force-pooling, or otherwise or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATE OF

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Dec Am...
Dec Am...
Senior Act...
Sun Exploration & Producing Co.
7-12-83*

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

June 30, 1983
Registered Professional Surveyor
E. M. ...

John W. East

Certificate No. 3044 of 1983, 676
RONALD W. THOMPSON, 3239

310 840 80 1320 1880 1880 2310 2840 2000 1800 1000 800

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including full logs. All depths reported shall be measured by dip in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, zones 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1125.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1387	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kartland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3137	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3321	T. Devonian	T. Menefee	T. Madison
T. Queen 3719	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blaineby	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. Tansill 2980	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 3255 to 3875	No. 4, from to
No. 2, from to	No. 5, from to
No. 3, from to	No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet	
No. 2, from to feet	
No. 3, from to feet	
No. 4, from to feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1387	2980	1593'	Anhydrite, Thin Shales				
2980	3137	157'	Dolomite and interbedded Sandstone				
3137	3321	184'	Dolomite, Sandstone Thin laminated Shales				
3321	3719	398'	Sandstone, Dolomite, Sandy Dolomites, and Dolomite Sands				
3719	3890	171'	Dolomite with interbedded Sandstone, and Sandy Dolomites.				

RECEIVED
NOV 15 1983
R.C.D.
HOBS OFFICE

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-28273

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM G-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

State A. A/C 2

1. Type of Well:
OIL WELL GAS WELL OTHER Water Injection Well

8. Well No. 64

2. Name of Operator
Raptor Resources, Inc.

9. Pool name or Wildcat
Eunice SR Queen-South

3. Address of Operator
901 Rio Grande, Austin, Texas 78701

4. Well Location
Unit Letter A : 1250 Feet From The North Line and 1250 Feet From The East Line
Section 8 Township 22S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GL-3564

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>T/A Status Test</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Test Date: 3-14-03

1. Load casing with 2% KCl water and corrosion inhibitor. (Packer @ 3713')
2. Pressure test casing from surface to 3713' to 500 psi for 30 minutes.
(Record test on chart for OCD subsequent report.)
3. Request TA status for 5 years.

This Approval of Temporary
Abandonment Expires

3/19/08

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

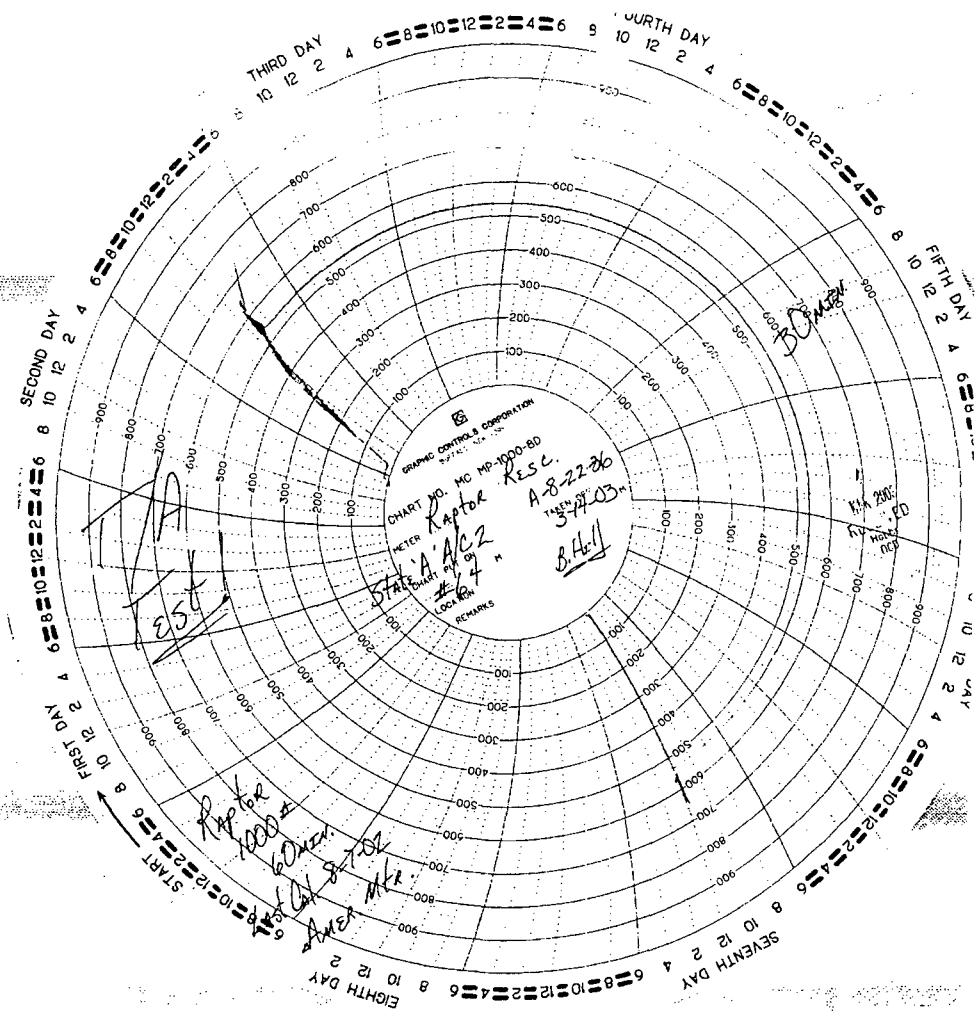
SIGNATURE Joel Sisk TITLE Production Foreman DATE 3-17-03
TYPE OR PRINT NAME Joel Sisk (505) TELEPHONE NO. 394-2574

(This space for State Use)

ORIGINAL SIGNED BY
GARY W. WINK
OC FIELD REPRESENTATIVE II/STAFF MANAGER

MAR 19 2003

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



NO. OF COPIES REQUIRED	
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DATE	
BY	
REMARKS	
WARD OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

API NO. 20-025 3000

STATE	<input checked="" type="checkbox"/>
COUNTY	<input type="checkbox"/>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Well		DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
b. Type of Well		DRILL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
c. Name of Operator		Sun Exploration & Production Co.	
d. Address		P. O. Box 1861 - Midland, Texas 79702	
e. Well Section	A	Located	1250
f. Direction	East	8	22-36-E
g. Depth	4000	h. Method	Rotary
i. Cement	Blanket on file	j. Completion	N/A
k. GR	3564.4'	l. Other	ASAP

State "A" A/C 2
64
Eunice Seven Rivers
Queen South
Lea

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8-5/8	24#	550	375sxs	Surface
7-7/8	5-1/2	14#	3900	1100sxs	Surface

Blowout preventer: 10" Hydraulic

- * 19A. Primary Reservoir - Queen
- Secondary Reservoir - Seven Rivers

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 3/11/84
 UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE - SIZE, BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Dell Ann Kemp Title Senior Accounting Assistant Date 7-12-83

(This space for State Use)

ORIGINAL SIGNED BY **JERRY SEXTON**

AUG 11 1983

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-28274
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection Well	7. Lease Name or Unit Agreement Name State A A/C 2
2. Name of Operator Raptor Resources, Inc.	8. Well No. 65
3. Address of Operator 901 Rio Grande, Austin, Texas 78701	9. Pool name or Wildcat Eunice SR Queen-South
4. Well Location Unit Letter E : 1345 Feet From The North Line and 25 Feet From The West Line Section 9 Township 22S Range 36E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GL-3559	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: T/A Status Test <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- Test Date: 3-14-03
1. Load casing with 2% KCl water and corrosion inhibitor. (Packer @ 3703')
 2. Pressure test casing from surface to 3703' to 500 psi for 30 minutes. (Record test on chart for OCD subsequent report.)
 3. Request TA status for 5 years.

MAR 2003
RECEIVED
Hobbs
OCD

Approval of Temporary
Abandonment Expires 3/19/08

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Inel Sick TITLE Production Foreman DATE 3-17-03

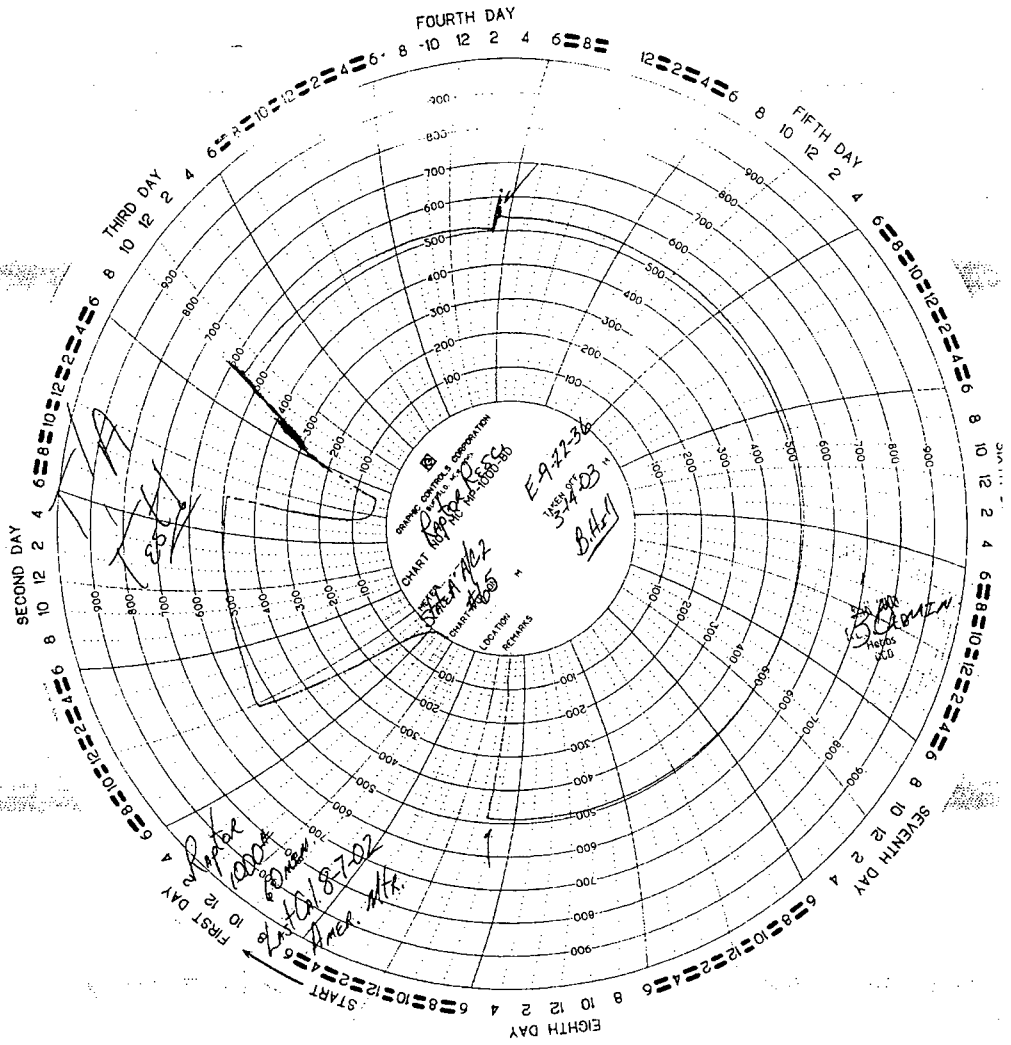
TYPE OR PRINT NAME Inel Sick (505) TELEPHONE NO. 304-2574

(This space for State Use)

APPROVED BY _____ ORIGINAL SIGNED BY GARY W WINK DATE MAR 19 2003

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE OC FIELD REPRESENTATIVE I/STAFF MANAGER

Ind.



NEW MEXICO OIL CONSERVATION COMMISSION

API NO. 30-025-28274

NEW MEXICO
COMMISSION 14-85

STATE NEW MEXICO FEDERAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Well <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: WIW <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		2. Field Approval Number
3. Name of Operator Sun Exploration & Production Co. P. O. Box 1861 - Midland, Texas 79702		4. Name of County State "A" A/C 2 65
5. Location of Well NE1/4 E LOCATED 1345 FEET FROM THE North LINE 25 FEET FROM THE West 9 FEET FROM THE 22-S 36-E LINE		6. Well No. 65 10. Field and Lease, Section Eunice Seven Rivers Queen South
7. Well Depth 3559' GR		11. County Lea
8. Kind of Cement Blanket on file		12. Kind of Cement 4000 * Rotary
9. Kind of Cement N/A		13. Approx. Date Work Will Start ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8-5/8	24#	550	375 sxs	Surface
7-7/8	5-1/2	14#	3900	1100 sxs	Surface

Blowout preventer 10' Hydraulic

- *19A. Primary Reservoir - Queen
- Secondary Reservoir - Seven Rivers

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 2/5/84
 UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE, WITH BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Senior Accounting Assistant Date 7-12-83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE AUG 5 1983

CONDITIONS OF APPROVAL, IF ANY:

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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-88

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER WIW

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861, Midland, TX 79702

7. Unit Agreement Name

8. Form or Lease Name
State "A" A/C 2

9. Well No.
65

10. Field and Pool, or Wellcat
Eunice Seven Rivers Queen South

4. Location of Well
UNIT LETTER E LOCATED 1345 FEET FROM THE North LINE AND 25 FEET FROM

11. County
Lea

12. Township
22-S

13. Range
36-E

14. Section
9

15. Date Spudded 9/4/83 16. Date T.D. Reached 9/7/83 17. Date Compl. (Ready to Prod.) 10/8/83 18. Elevations (DF, RKB, RT, GR, etc.) 3559.0' GR 19. Elev. Casinghead

20. Total Depth 3900 21. Plug Back T.D. 3886 22. If Multiple Compl., How Many

23. Intervals Drilled by
Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3694-3900 - Queen

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
CNL

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	598	12-1/4	375 Sxs	None
5-1/2	14#	3900	7-7/8	950 Sxs	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3715	3709

31. Perforation Record (Interval, size and number)

3811-3872 - 1 JSPF 60 holes w/ 4" OD CG22GC
3751-3782 - 1 JSPF 30 holes w/ 4" CG 22 GC

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>3811-3872</u>	<u>Acidz w/ 3000 Gals 15% NEFF HCL</u>
<u>3751-3782</u>	<u>Acidz w/ 1000 Gals 15% NEFF HCL</u>

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

Date of Test	Hours Tested	Choke Size	Flowing Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio

Flow Tubing Press. _____ Casing Pressure _____ Calculated 24-hour Rate _____ Oil - Bbl. _____ Gas - MCF _____ Water - Bbl. _____ Oil Gravity - API (Corr.) _____

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments
C-103

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED D. S. Am... TITLE Sr. Acct. Asst. DATE 10/14/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1185.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

- | | | | |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy <u>1419'</u> | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt _____ | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt _____ | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates <u>3123</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers <u>3310</u> | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3694</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres _____ | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qizic _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | _____ |
| T. Blinberry _____ | T. Gr. Wash _____ | T. Morrison _____ | _____ |
| T. Tubb _____ | T. Granite _____ | T. Todillo _____ | _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | _____ |
| T. Wolfcamp _____ | T. <u>Jansill 2960</u> | T. Chinle _____ | _____ |
| T. Penn. _____ | _____ | T. Permian _____ | _____ |
| T. Cisco (Bough C) _____ | _____ | T. Penn. "A" _____ | _____ |

OIL OR GAS SANDS OR ZONES

- No. 1, from 3751 to 3872 No. 4, from _____ to _____
- No. 2, from _____ to _____ No. 5, from _____ to _____
- No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

- No. 1, from _____ to _____ feet
- No. 2, from _____ to _____ feet
- No. 3, from _____ to _____ feet
- No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1419	2960	1541'	Anhydrite, Some Thin Shales				
2960	3123	163'	Sandstone, Dolomite, Anhydrite				
3123	3310	187'	Sandstone, Dolomite, Dolomite Sands				
3310	3694	384'	Sandstone, Sandy Dolomites, Dolomite				
3694	3890	196'	Sandstone, Dolomite Sands, Sandy Dolomited, Thin Interbedded shales				

NOV 2 1983
O.C.O.
HOBB'S OFFICE

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-28275

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

State A A/C 2

1. Type of Well:
OIL WELL GAS WELL OTHER Water Injection Well

8. Well No. 66

2. Name of Operator Raptor Resources, Inc.

9. Pool name or Wildcat
Eunice SR Queen-South

3. Address of Operator 901 Rio Grande, Austin, Texas 78701

4. Well Location
Unit Letter F Section 9 Township 22S Range 36E NMPM Lea County
1345 Feet From The North Line and 1345 Feet From The West Line

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GL-3565

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK PLUG AND ABANDON
TEMPORARILY ABANDON CHANGE PLANS
PULL OR ALTER CASING
OTHER:
SUBSEQUENT REPORT OF:
REMEDIAL WORK ALTERING CASING
COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
CASING TEST AND CEMENT JOB
OTHER: T/A Status Test

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Test Date: 3-14-03

1. Load casing with 2% KCl water and corrosion inhibitor. (Packer @ 3687')
2. Pressure test casing from surface to 3687' to 500 psi for 30 minutes.
(Record test on chart for OCD subsequent report.)
3. Request TA status for 5 years.

This Approval of Temporary
Abandonment Expires 3/19/08

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Joel Sisk TITLE Production Foreman DATE 3-17-03

TYPE OR PRINT NAME Joel Sisk (505) TELEPHONE NO. 394-2574

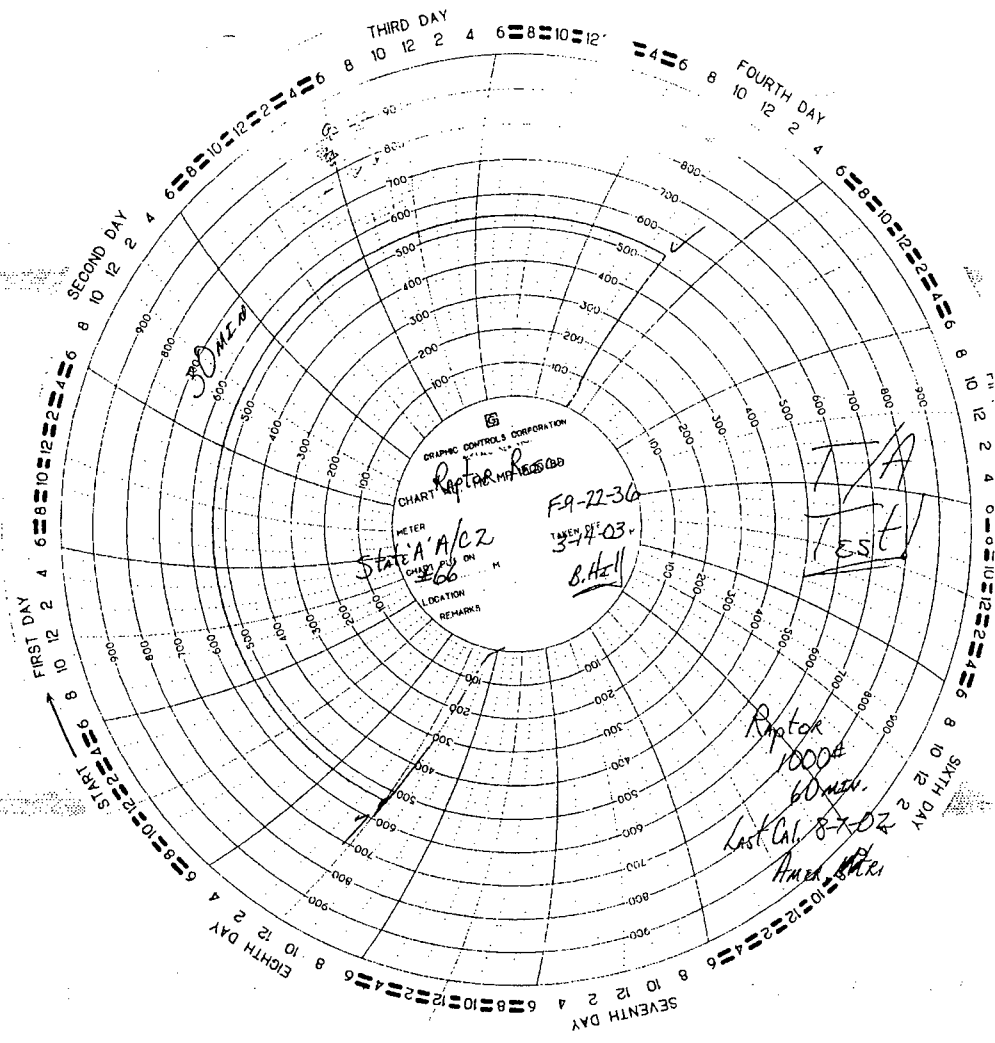
(This space for State Use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

ORIGINAL SIGNED BY
GARY W. WINK
OC FIELD REPRESENTATIVE II/STAFF MANAGER

MAR 19 2003



THIRD DAY
10 12 2 4 6 8 10 12

FOURTH DAY
10 12 2 4 6 8 10 12

SECOND DAY
10 12 2 4 6 8 10 12

FIRST DAY
10 12 2 4 6 8 10 12

EIGHTH DAY
10 12 2 4 6 8 10 12

SEVENTH DAY
10 12 2 4 6 8 10 12

SIXTH DAY
10 12 2 4 6 8 10 12

DRIVING CONTROLS CORPORATION
CHART RPTAR MFB 00B
METER STATE A/CZ
TAKEN BY 3-4-03
S. Hill
LOCATION REMAINS

Test

Raptor 1000#
60 min.
Last Cal. 8-7-02
Amex

ONE

S

START

NEW MEXICO OIL CONSERVATION COMMISSION

API NO. 30-025-28275

Form O-101
Revised 10-88

STATE <input checked="" type="checkbox"/>	FED. <input type="checkbox"/>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		b. Name of Lessee or Owner State "A" A/C 2
c. Well Code SINGLE CODE <input checked="" type="checkbox"/> MULTIPLE CODE <input type="checkbox"/>		d. Well No. 66
e. Name of Lessee or Owner Sun Exploration & Production Co.		f. Field Name Eunice Seven Rivers
g. Location P. O. Box 1861 - Midland, Texas 79702		h. Direction of Well Queen South
i. Section, Township, Range 1345 WEST 9 22-S 36-E		j. County Lea
k. Depth of Well 3565.4' GR		l. Type of Drilling Rotary
m. Cement Program Blanket on file		n. Drilling Schedule ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2	8-5/8	24#	550	375 sxs	Surface
7-7/8	5 1/2	14#	3900	1100 sxs	Surface

Blowout preventer: 10" Hydraulic

- *19A. Primary Reservoir - Queen
- Secondary Reservoir - Seven Rivers

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES SEP 21 1988
UNLESS DRILLING UNDERWAY

IN A SPACE BELOW DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed D. Ann King Title Senior Accounting Assistant Date 7-12-83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

AUG 22 1983

APPROVED BY Jerry Sexton SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-82

6. Indicate Type of Lease
State Free

5. State Oil & Gas Lease No.

10. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

B. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P.O. Box 1861, Midland, TX 79702

7. Unit Agreement Name

8. Term or Lease Name
State "A" A/C 2

9. Well No.
66

10. Unit Name
Unit Seven Rivers Queen South

4. Location of Well
UNIT LETTER F LOCATED 1345 FEET FROM THE North LINE AND 1345 FEET FROM

THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E NMPM

12. County
Lea

15. Date Spudded 8/19/83 16. Date T.D. Reached 8/23/83 17. Date Compl. (Ready to Prod.) 9/30/83 18. Elevations (DF, RKB, RT, GK, etc.) 3565.4' GR 19. Elev. Casinghead

20. Total Depth 3900 21. Plug Back T.D. 3890 22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools Cable Tools

24. Producing Interval(s) of this completion - Top, Bottom, Name
3698-3900 Queen

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
GR-CCL

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	567	12-1/4	375 Sxs.	None
5-1/2	14#	3900	7-7/8	950 Sxs	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3850	

31. Perforation Record (Interval, size and number)

3862-3877 - 2 JSPF 31 holes w/4" OD
3816-3856 - 1 JSPF 41 holes w/4" OD

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3862-3877	Acidz w/ 750 Gals 15% NEFE HCL
3816-3856	Acidz w/ 2000 Gals 15% NEFE HCL

33. PRODUCTION

Date First Production 9/20/83 Production Method (Flowing, gas lift, pumping - Size and type pump) 1-1/4" Pump Well Status (Prod. or Shut-in)

Date of Test <u>10/7/83</u>	Hours Tested <u>24 hrs</u>	Choke Size	Prod'n. For Test Performed	Oil - Bbl. <u>6</u>	Gas - MCF <u>12</u>	Water - Bbl. <u>15</u>	Gas - Oil Ratio <u>2000/1</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By
L. H. ...

35. List of Attachments
C-103

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED D. Ann Kemp TITLE Sr. Acctg. Asst. DATE 10/28/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anby <u>1434</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3134</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3320</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3698</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3893</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. <u>Jansill 2963</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3758 to 3877 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1434	2963	1529'	Anhydrite, Thin Laminated Shales				
2963	3134	171'	Sandstone, Dolomite, Anhydrite				
3134	3320	186'	Sandstone, Dolomite, Dolomite Sands				
3320	3698	378'	Sandy Dolomites, Sandstone, Dolomite				
3698	3893	195'	Sandstone, Dolomite Sands, Sandy Dolomites				
3893	3900	7'	Thin Interbedded Shales Dolomite				

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 D.C.S.
 DISTRICT OFFICE

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 4-83

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee
 5b. State Oil & Gas Lease No.

1a. TYPE OF WELL
 OIL WELL GAS WELL DRY OTHER
 b. TYPE OF COMPLETION
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESRV. OTHER
 2. Name of Operator
 Sun Exploration & Production Co.
 3. Address of Operator
 P. O. Box 1861, Midland, TX 79702
 4. Location of Well

7. Unit Agreement Name
 8. Form of Lease Name
 State "A" A/C 2
 9. Well No.
 67
 Unit: Seven Rivers
 Queen South

UNIT LETTER K LOCATED 2615 FEET FROM THE South LINE AND 1345 FEET FROM
 THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E SR. Lea

15. Date Spud: 9/14/83
 16. Date T.C. Reached: 9/17/83
 17. Date Compl. (Ready to Prod.): 10/12/83
 18. Elevations (DP, RAB, RT, GR, etc.): 3579.8' GR
 19. Elev. Casinghead
 20. Total Depth: 3900
 21. Plug Back T.D.: 3890
 22. If Multiple Compl., How Many
 23. Intervals Filled By: Rotary Tools Cable Tools
 24. Production Intervals of this completion - Top, bottom, name
 3659-3900' Queen
 25. Was Directional Survey Made
 Yes
 26. Type of Completion (See Note on Form)
 CNL
 27. Was Well Cored
 Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	598	12-1/4	375 Sxs	None
5-1/2	14#	3900	7-7/8	950 Sxs	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	3700	3700

31. Perforation (Intervals, size and number)
 3772-3834 1 JSPF 59 holes
 4" OD CG, 22 GC

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3772-3834	Acid w/ 3000 gals 15% NEFE HCL

33. PRODUCTION
 Date First Production: 10/11/83
 Production Method (Flowing, gas lift, pumping - Size and type pump): Flowing
 Well Status (Prod. or Shut-in): Prod.
 Date of Test: 10/18/83
 Hours Tested: 24 hrs
 Clock Size: 24/64
 Prod'n. For Test Period: Oil - Bbl. 99 Gas - MCF 22 Water - Bbl. 0 Gas-Oil Ratio 222/1
 Flow Tubing Press.: 120
 Casing Pressure: Calculated 24-Hour Rate: Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) 35.1°

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold
 Test Witnessed By: Elmer Tee

35. List of Attachments
 C-104

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED: Dee Ann King TITLE: Sr. Acct. Asst. DATE: 10/20/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and geophysical logs taken on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 32 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1432	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
U. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3117	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3303	T. Devonian	T. Menefee	T. Madison
T. Queen 3659	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinney	T. Gr. Wash	T. Morrison	T. _____
T. Tubb	T. Granite	T. Todillo	T. _____
T. Drinkard	T. Delaware Sand	T. Entrada	T. _____
T. Abo	T. Bone Springs	T. Wingate	T. _____
T. Wolfcamp	T. Tansill 2950	T. Chino	T. _____
T. Penn.	T. _____	T. Permian	T. _____
T. Cisco (Daugh C)	T. _____	T. Penn. "A"	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3772 to 3834	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet.
No. 2, from _____ to _____	feet.
No. 3, from _____ to _____	feet.
No. 4, from _____ to _____	feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1432	2950	1518'	Anhydrite, Thin Shales				
2950	3117	167'	Dolomite, Sandstone, Sandy Dolomites				
3117	3303	186'	Dolomites, Sandy Dolomites, Dolomite Sands				
3303	3659	356'	Sandstone with interbedded Dolomites				
3659	3890	231'	Sandstone with interbedded Dolomites, Thin Shales				

RECORDED
OCT 24 1983
O.C.D.
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Submit 3 Copies
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District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-28277

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

State A A/C 2

1. Type of Well:
OIL WELL GAS WELL OTHER Water Injection Well

8. Well No. 68

2. Name of Operator
Raptor Resources, Inc.

9. Pool name or Wildcat
Eunice SR Queen-South

3. Address of Operator
901 Rio Grande, Austin, Texas 78701

4. Well Location
Unit Letter E : 2570 Feet From The North Line and 70 Feet From The West Line
Section 9 Township 22S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GL-3585

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>T/A Status Test</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Test Date: 3-14-03

1. Load casing with 2% KCl water and corrosion inhibitor. (Packer @ 3714')
2. Pressure test casing from surface to 3714' to 500 psi for 30 minutes. (Record test on chart for OCD subsequent report.)
3. Request TA status for 5 years.

Approval of Temporary Abandonment Expires 3/19/08

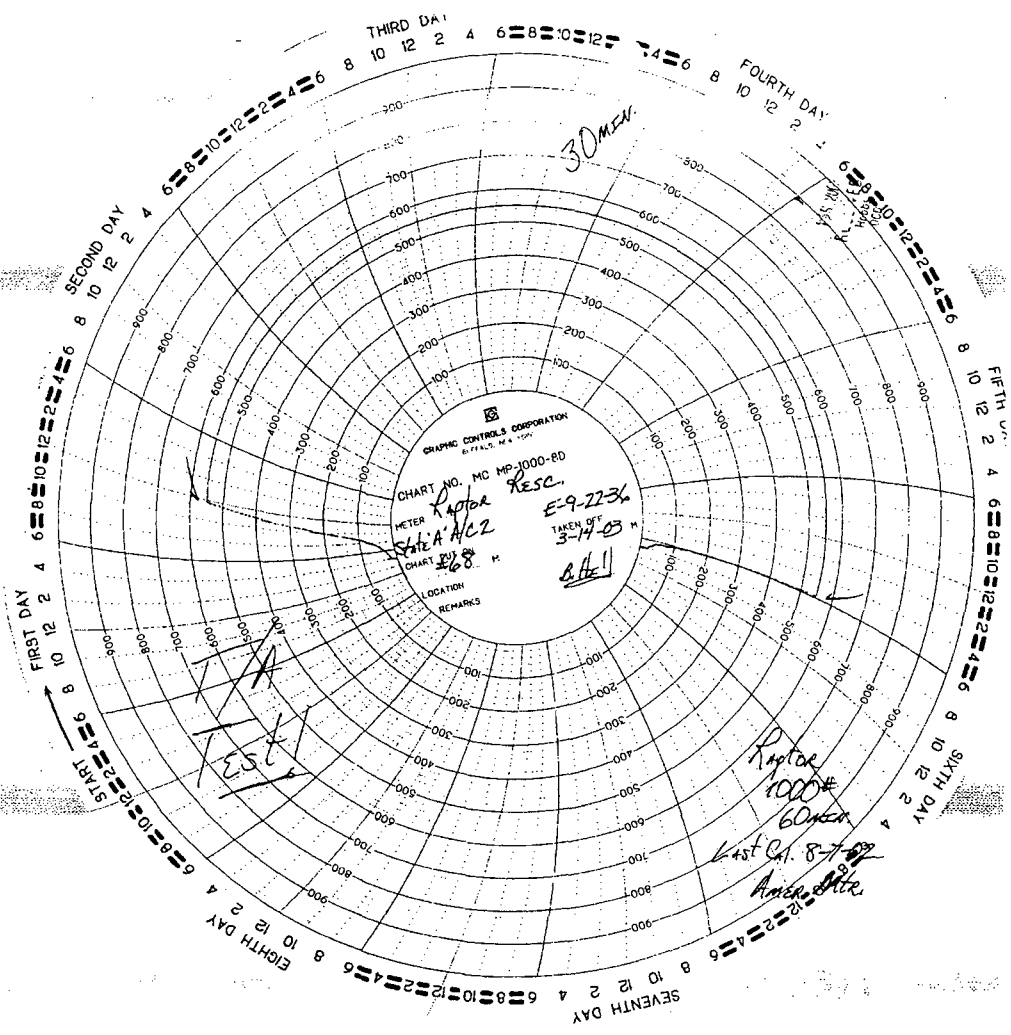
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Joel Sisk TITLE Production Foreman DATE 3-17-03
TYPE OR PRINT NAME Joel Sisk (505) TELEPHONE NO. 394-2574

(This space for State Use)

APPROVED BY _____ ORIGINAL SIGNED BY GARY W. THURK DATE MAR 19 2003
CONDITIONS OF APPROVAL, IF ANY: OC FIELD REPRESENTATIVE / STAFF MANAGER

msv
K



NO. OF WELLS MULTIPLE	
DESCRIPTION	
SALEABLE	
FILE	
OPERATOR	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

API NO. 30-025-28277

Form O-101
Revised 1-14-85

2A. Lease Type or Lease	STATE <input checked="" type="checkbox"/>	FED <input type="checkbox"/>
2B. State Oil & Gas Conservation Act		

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL <input checked="" type="checkbox"/> DEEPEEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Unit Agreement Name
1b. Type of Well	GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Name of Lease Hold
1c. Name of Operator	Sun Exploration & Production Co.			9. Well No.
1d. Address of Operator	P. O. Box 1861 - Midland, Texas 79702			10. Field and Pool, or wellbore
1e. Location of Well	UNIT LETTER <u>E</u>	LOCATED <u>2570</u>	FEET FROM THE <u>North</u> LINE	Eunice Seven Rivers Queen South
1f. Section	<u>70</u>	DEEP FROM THE <u>West</u> LINE OF SEC. <u>9</u>	RANG. <u>22-S</u> TWP. <u>36-E</u>	11. County
				Lea
12. Depth of Well (ft., etc.)		13. A. Hole & Gas Flow Rate	14. Drilling Direction	15. State of Well
3585.0' GR		Blanket on file	N/A	Rotary
21. Approx. Date Work will start				ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	BACKS OF CEMENT	EST. TOP
12 1/4	8-5/8	24#	550	375 sxs	Surface
7-7/8	5-1/2	14#	3900	1100 sxs	Surface

Blowout preventer 10" hydraulic

*19A. Primary Reservoir - Queen
Secondary Reservoir - Seven Rivers

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/5/84
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. 21A. BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Dee Ann Lamb Title Senior Accounting Assistant Date 7-12-83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE AUG 5 1983

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-101
Effective 1-1-83

All distances must be from the outer boundaries of the Section

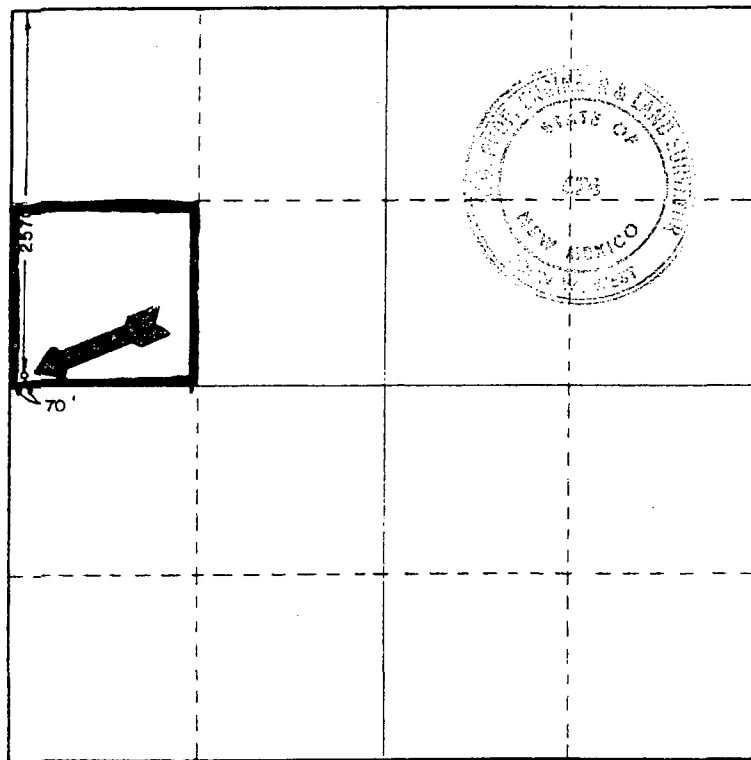
Operator Sun Exploration & Producing Company			Lease State "A" A/C 2		Well No. 68
Tract Letter E	Section 9	Township 22 South	Range 36 East	County Lea County	
Actual Footage Location of Well: 2570 feet from the North line and 70 feet from the West line					
Ground Level Elev. 3585.0	Producing Formation Queen		Pool Ewice Seven Rivers Queen South		Dedicated Acreage 40

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

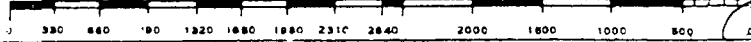
Dee Ann Kemp
Name
Dee Ann Kemp
Position
Senior Acct. Asst.
Company
Sun Exploration & Producing Co.
Date
7-13-83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 30, 1983

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson
Certificate No. **JOHN W. WEST, 671**
RONALD J. EIDSON, 3259



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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-104
Revised 11-79

54. Indicate Type of Lease
State Fee
55. State Oil & Gas Lease No.

13. TYPE OF WELL

OIL WELL GAS WELL DRY OTHER _____
D. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESV. OTHER _____

7. Unit Agreement Name

8. Form or Lease Name

State "A" A/C 2

9. Well No.

68

10. Field and Name of Well

Queen Seven Rivers

Queen South

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861, Midland, TX 79702

4. Location of Well

UNIT LETTER E LOCATED 2570 FEET FROM THE North 70 FEET FROM

THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E

11. County

Lea

15. Date Spudded 8/8/83 16. Date T&N Resisted 8/11/83 17. Date Compl. (Ready to Prod.) 9/15/83 18. Use Antenna (DP, RAB, RT, GR, etc.) 3585.0'GR 19. Elev. Casingshead

20. Total Depth 3910 21. 1000' Back T.D. 3889 22. If Multiple Compl., How Many _____ 23. Interval Cased by Rotary Tools Cable Tools _____

24. Producing interval(s) of this completion - Top, bottom, Name
Queen 3695-3891' 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run CNL-GR 27. Was Well Cased _____

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	582	12-1/4	375 sxs	None
5-1/2	14#	3885	7-7/8	950 sxs	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3826	

31. Perforation Record (Interval, size and number)

3885-3911	(Open Hole)
3857-3869	2 JSPF; 25 holes 4" Csg Gun
3823-3847	2 JSPF; 49 holes 4" Csg Gun
3766-3808	1 JSPF; 43 holes 4" Csg Gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3885-3911	Sqz w/165 sxs "C"
3857-3869	Acidz w/750 gals 15% NEFEHCL
3823-3847	Acidz w/1200 gals 15% NEFEHCL
3766-3808	Acidz w/2000 gals 15% NEFE

33. PRODUCTION

Date First Production 9/13/83 Production Method (Flowing, gas lift, pumping - size and type pump) Pumping 1-1/2" Well Status (Prod. or Shut-in) Prod

Date of Test	Hours Tested	Choke Size	Pressure Per Test Interval	Oil - bbl.	Gas - MCF	Water - bbl.	Gas - Oil Ratio
9/27/83	24 hrs			10	33.4	9	1400/J

Flow Tubing (Inch) _____ Casing Pressure _____ Calculated 24-hour Rate _____ Oil - bbl. _____ Gas - MCF _____ Water - bbl. _____ Oil Gravity - API (Corr.) _____

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed by Elmer Teel

35. List of Attachments
C-104

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Sr. Acct. Asst. DATE 9/29/83

INSTRUCTIONS

This form is to be filed with the State District Office of the Commission not later than 30 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all chemical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 7 through 14 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 116a.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
T. Aahy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____		
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____		
B. Salt <u>3134</u> _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____		
T. Yates <u>3134</u> _____	T. Miss _____	T. Cliff House _____	T. Leadville _____		
T. 7 Rivers <u>3318</u> _____	T. Devonian _____	T. Menefee _____	T. Madison _____		
T. Queen <u>3595</u> _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____		
T. Grayburg <u>3892</u> _____	T. Montoya _____	T. Mancos _____	T. McCracken _____		
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qzite _____		
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____		
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____		
T. Blinney _____	T. Gr. Wash _____	T. Morrison _____	T. _____		
T. Tubb _____	T. Granite _____	T. Toddlite _____	T. _____		
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____		
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____		
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____		
T. Penn. _____	T. _____	T. Permian _____	T. _____		
T. Cisco (Hough C) _____	T. _____	T. Penn. "A" _____	T. _____		

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
3134	3318	184'	Sandstone, Dolomite				
3318	3595	277'	Sandstone, Dolomite Dolomite Sands				
3595	3892	297'	Sandstone, Sandy Dolomites, Dolomite, Some Interbedded Shales				
3892	3910	18'	Dolomite				

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Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-28278
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection Well	7. Lease Name or Unit Agreement Name State A A/C 2
2. Name of Operator Raptor Resources, Inc.	8. Well No. 69
3. Address of Operator 901 Rio Grande, Austin, Texas 78701	9. Pool name or Wildcat Eunice SR Queen-South
4. Well Location Unit Letter 1 : 2615 Feet From The South Line and 1295 Feet From The East Line Section 8 Township 22S Range 36E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3550'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER: _____ <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>PLUG AND ABANDON <input type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p>OTHER: _____ <input type="checkbox"/></p>	<p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER: T/A Status Test <input checked="" type="checkbox"/></p>	<p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input type="checkbox"/></p>
---	--	--	--

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Test Date: 3-14-03

1. Load casing with 2% KCl water and corrosion inhibitor. (Packer @ 3716')
2. Pressure test casing from surface to 3716' to 500 psi for 30 minutes. (Record test on chart for OCD subsequent report.)
3. Request TA status for 5 years.

This Approval of Temporary Abandonment Expires 3/19/08

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Joel Sisk TITLE Production Foreman DATE 3-17-03

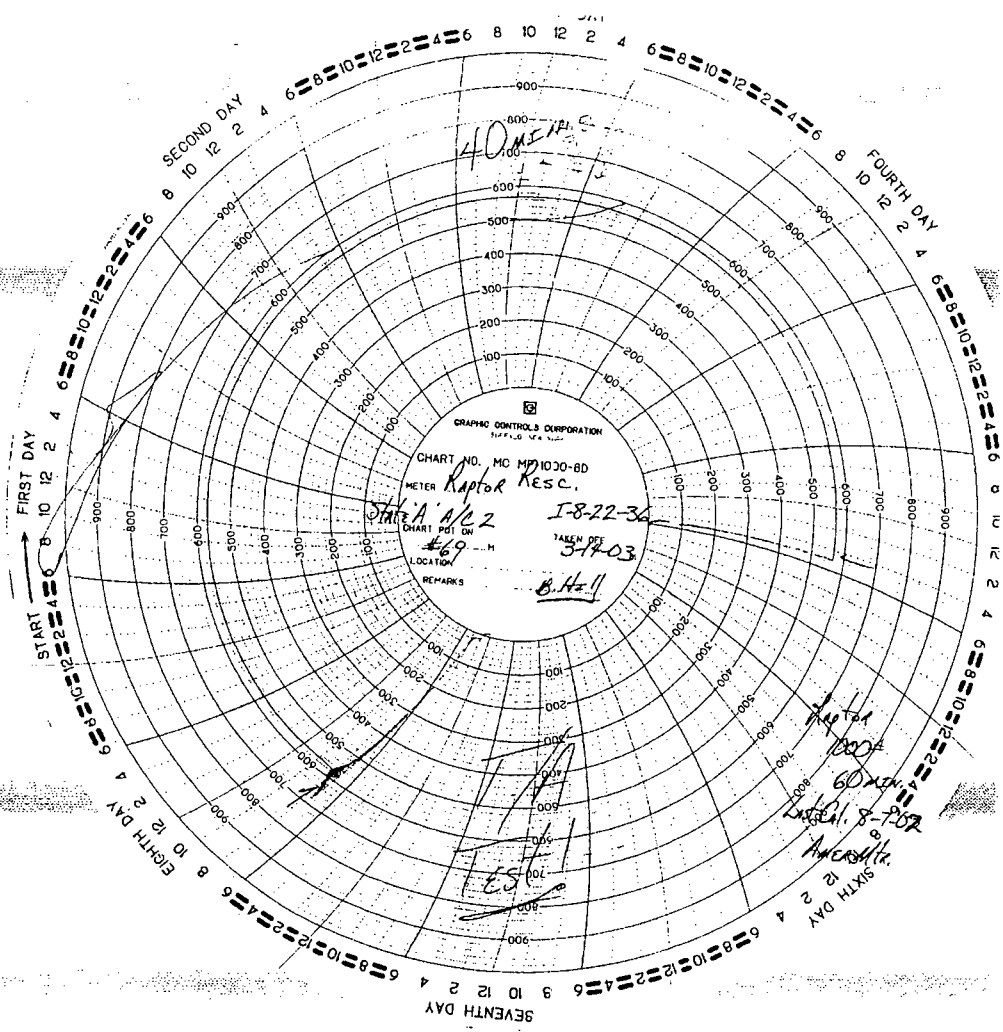
TYPE OR PRINT NAME Joel Sisk (505) TELEPHONE NO. 394-2574

(This space for State Use)

APPROVED BY _____ ORIGINAL SIGNED BY GARY W. WINK TITLE OCD FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 19 2003

CONDITIONS OF APPROVAL, IF ANY: _____

J
C
S
K



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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revision 12-78

API NO. 30-025-28278

15A. Wellbore Type of Well
STATE OIL GAS FIE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		16. Well Name	
1b. Type of Well OIL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> WIW		17. Name of Lessee Name	
1c. Number of Wells SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		18. Name of Lessee Name State "A" A/C <u>2</u>	
1d. Name of Operator Sun Exploration & Production Co.		19. Well No. 69	
1e. P. O. Box 1861 - Midland, Texas 79702		20. Field and Tract, or Wellbore Eunice Seven Rivers Queen South	
2. Location of Well UNIT LETTER <u>I</u> LOCATED <u>2615</u> FEET FROM THE <u>South</u> LINE		21. County Lea	
3. 1295 FEET FROM THE <u>East</u> LINE OF SEC. <u>8</u> TWP. <u>22-S</u> R. <u>36-E</u> N.M.P.M.		22. Proposed Depth 4000	
4. 19. 3550.3' GR		23. Well Completion * Rotary	
5. Blanket on file		24. Anticipated Date Work Will Start ASAP-	
6. N/A		25. Estimated Cost of Well	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/2	8-5/8	24#	550	375 sxs	Surface
7-7/8	5-1/2	14#	3900	1100 sxs	Surface

Blowout preventer 10" Hydraulic

*19A. Primary Reservoir - Queen
Secondary Reservoir - Seven Rivers

APPROVAL PERIOD 180 DAYS
PERMIT EXPIRES 2/5/84
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Die Ann Lopez Title Senior Accounting Assistant Date 7-12-83

(This space for Signature)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE AUG 5 1983

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

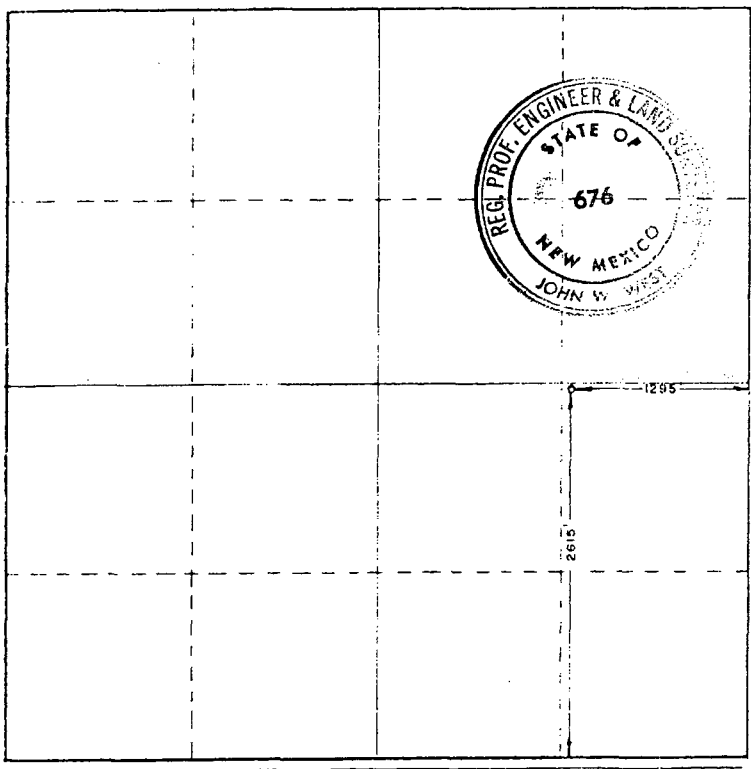
Operator Sun Exploration & Producing Company		Lease State A A/C 2		West of 69 W/W
Section I	Section 8	Township 22 South	Range 36 East	County Lea County

Well Postage Location of Well:
2615 feet from the **South** line and 1295 feet from the **East** line.

Surface Elevation 3550.3	Producing Formation Queen	Pool Twice Seven Rivers Area South	Designated Acreage _____
------------------------------------	-------------------------------------	--	-----------------------------

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (if so reverse side of this form if necessary.) _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

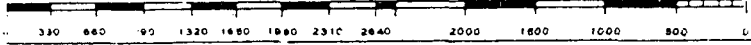
Dee Ann Kemp
Dee Ann Kemp
Senior Acct. Asst.
Sun Exploration & Production Co.
7-12-83

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 23 & 24, 1983

Registered Professional Engineer
and State Land Surveyor

John W. West
Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239



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Form C-105
Revised 11-1-83

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER WIW

b. TYPE OF COMPLETION
NEW WELL WORK OVER REOPEN PLUG BACK DIFF. RESVR. OTHER

7. Unit Agreement Name

8. Form or Lease Name
State "A" A/C 2

9. Well No.
69

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861, Midland, TX 79702

10. Field and Pool, or Wildcat
Eunice Seven Rivers
Queen South

4. Location of Well
UNIT LETTER I LOCATED 2615 FEET FROM THE South LINE AND 1295 FEET FROM

11. County
Lea

15. Date Spudded 9/8/83 16. Date F.E. Reached 9/12/83 17. Date Compl. (Ready to Prod.) 10/8/83 18. Elevations (DF, RKB, RT, GR, etc.) 3550.3' GR 19. Elev. Casinghead

20. Total Depth 3900 21. Plug Back T.D. 3897 22. If Multiple Compl., How Many 23. Intervals Filled By Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name
3749' - 3900' Queen

25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
GR-CCL

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	577	12-1/4	375 Sxs.	None
5-1/2	14#	3900	7-7/8	800 Sxs.	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3716	3710

31. Perforation Details (Interval, size and number)

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3808-3862	Acid w/ 2500 Gal's 15% NEFE HCL
3750-3802	Acid w/ 2500 Gal's 15% NEFE HCL

33. PRODUCTION

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in)

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

34. Disposition of Cgs. (Sold, used for fuel, vented, etc.) Test Witnessed By

35. List of Attachments
C-103

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED D. Ann Kemp TITLE Sr. Acct. Asst. DATE 10/28/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1409</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3169</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>3356</u>	T. Devonian	T. Menefee	T. Madison
T. Queen <u>3749</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Blinberry	T. Gr. Wash	T. Morrison	
T. Tabb	T. Granite	T. Todillo	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abo	T. Bone Springs	T. Wingate	
T. Wolfcamp	T. <u>Jansill 3007</u>	T. Chino	
T. Penn.		T. Permian	
T. Cisco (Hough C)		T. Penn. "A"	

OIL OR GAS SANDS OR ZONES

No. 1, from <u>3750</u> to <u>3862</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1409	2007	1598'	Anhydrite, Some Thin Shales				
3007	3169	162'	Sandstone, Dolomite, Anhydrite				
3169	3356	187'	Dolomite Sands, Dolomite Sandstone				
3356	3749	393'	Sandstone, Dolomite, Sandy Dolomites				
3749	3900	151'	Sandstone, Dolomite Sands, Sandy Dolomites, Some Thin Interbedded Shales				

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 10-82

5.1. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

10. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861 Midland, TX 79702

4. Location of well
UNIT LETTER P LOCATED 1295 FEET FROM THE South LINE AND 1295 FEET FROM
THE East LINE OF SEC. 8 TWP. 22-S RGE. 36-E NMPN

15. Date Spudded 8/25/83 16. Date T.D. Reached 8/29/83 17. Date Compl. (Ready to Prod.) 10/24/83 18. Elevations (DP, RAB, RT, GR, etc.) 3506.6' GR 19. Elev. Casinghead

20. Total Depth 3900 21. Plug Back T.D. 3895 22. If Multiple Compl., How Many X 23. Intervals Drilled By: Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3730-3900 Queen

25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run CNL 27. Was Well Cored No

7. Unit Agreement Name

8. Form or Lease Name
State "A" A/C 2

9. Well No.
70

10. Field or Pool or Project
Unit Seven Rivers Queen South

11. County
Lea

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	573	12-1/4	375 Sxs "C"	None
5-1/2	14#	3900	7-7/8	950 Sxs Howco-lite	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3844	

31. Fracturation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3873-3889 - 1 JSPF 17 holes w/ 4" CG	3873-3889 Acdz w/ 1000 Gals 15% NEFF HCl
3826-3864 - 1 JSPF 38 holes w/ 4" CG	3826-3864 Acdz w/ 2200 Gals 15% NEFF
3782-3820 - 1 JSPF 39 holes w/ 4" CG	3782-3820 Acdz w/ 2300 Gals 15% NEFF
3752-3776 - 1 JSPF 25 holes w/ 4" CG	3752-3776 Acdz w/ 1600 Gals 15% NEFF HCl

33. PRODUCTION

Date First Production 10/14/83 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/2" Well Status (Prod. or Shut-in) Prod.

Date of Test <u>11/1/83</u>	Hours Tested <u>24 hrs</u>	Choke Size	Prod'n. For Test Period	Oil - Bbl. <u>12</u>	Gas - MCF <u>25</u>	Water - Bbl. <u>13</u>	Gas - Oil Ratio <u>2083/1</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) <u>36.1⁰</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By

35. List of Attachments
-104

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED De Ann Kemp TITLE Sr. Acctng. Asst. DATE 11/14/83

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, zones 3a through 3d shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1423</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3157</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3342</u>	T. Devonian _____	T. McNeefee _____	T. Madison _____
T. Queen <u>3730</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wiagate _____	T. _____
T. Wolfcamp _____	T. <u>Tansill 2999</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3752 to 3888 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet

No. 2, from _____ to _____ feet

No. 3, from _____ to _____ feet

No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary) *

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1423	2999	1576'	Anhydrite, Thin Shales				
2999	3157	158'	Dolomite and interbedded Sandstone				
3157	3342	185'	Dolomite, Sandstone, Thin Laminated Shales				
3342	3730	388'	Sandstone, Dolomite, Sandy Dolomites, and Dolomite Sands				
3730	3890	160'	Dolomite with interbedded Sandstone and Sandy Dolomites				

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to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-28280
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection Well	7. Lease Name or Unit Agreement Name State A A/C 2
2. Name of Operator Raptor Resources, Inc.	8. Well No. 71
3. Address of Operator 901 Rio Grande, Austin, Texas 78701	9. Pool name or Wildcat Eunice SR Queen-South
4. Well Location Unit Letter <u>M</u> <u>1295</u> Feet From The <u>South</u> Line and <u>25</u> Feet From The <u>West</u> Line Section <u>9</u> Township <u>22S</u> Range <u>36E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR-3569'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>T/A Status Test</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Test Date: 3-14-03

1. Load casing with 2% KCl water and corrosion inhibitor. (Packer @ 3716')
2. Pressure test casing from surface to 3716' to 500 psi for 30 minutes. (Record test on chart for OCD subsequent report.)
3. Request TA status for 5 years.

Temporary Abandonment Expires 3/19/08

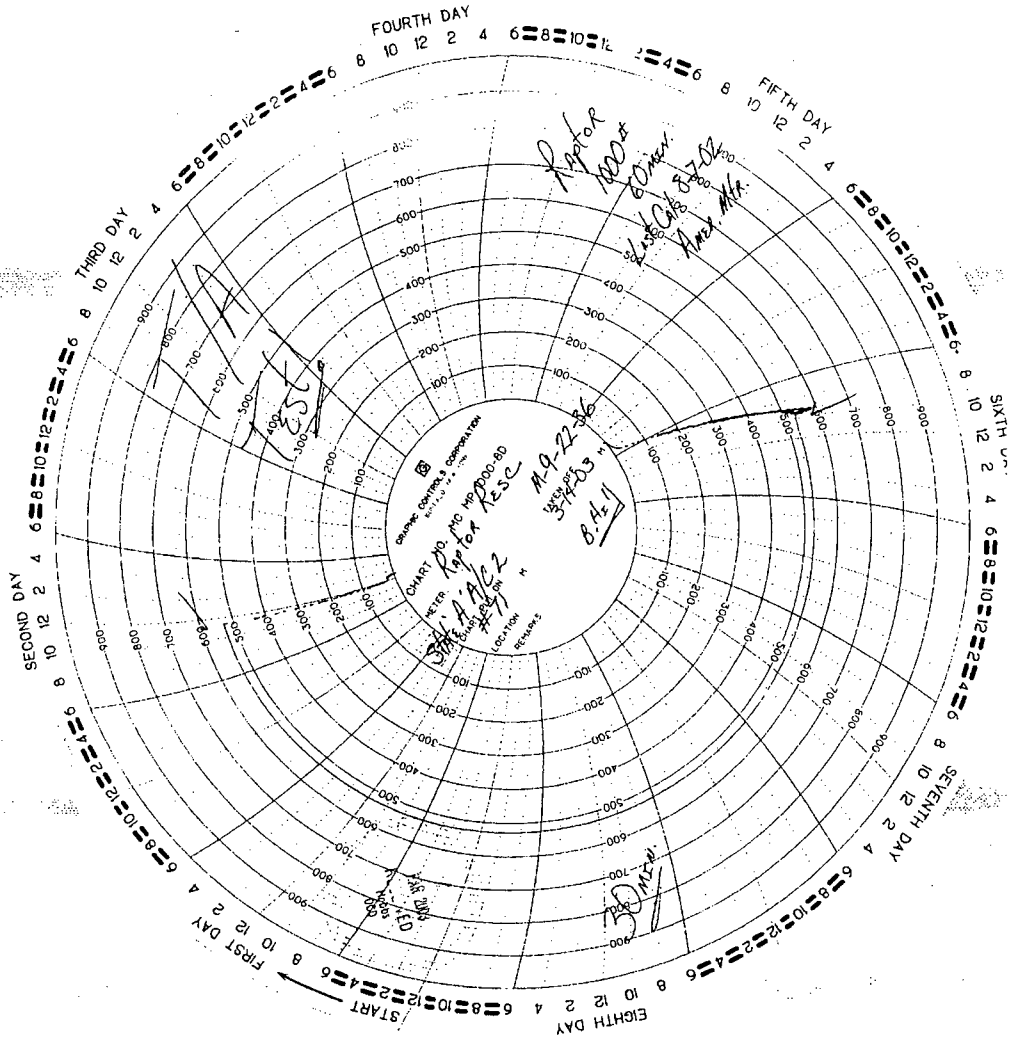
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Joel Sisk TITLE Production Foreman DATE 3-17-03
 TYPE OR PRINT NAME: Joel Sisk (505) TELEPHONE NO. 394-2574

(This space for State Use)

APPROVED BY _____ ORIGINAL SIGNED BY GARY W. WINK DATE MAR 19 2003
 TITLE _____ TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 19 2003

WPC



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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

API NO. 30-025-28280

5A. Indicate Type of Lease
STATE FEE
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK
b. Type of Well
OIL WELL GAS WELL OTHER WIW SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861 - Midland, Texas 79702

4. Location of Well
UNIT LETTER M LOCATED 1295 FEET FROM THE South LINE
AND 25 FEET FROM THE West LINE OF SEC. 9 TWP. 22-S RFP. 36-E RANGE

7. Lease Agreement Name
8. Name of Lease Name
State "A" A/C 2
9. Well No.
71

15. Field and Pool, or Acreage
Eunice Seven Rivers
Queen South

17. County
Lea

21. Completion (Show whether D.P., K.I., etc.)
3568.7' GR

22. Approx. Date Work will start
ASAP

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12"	8-5/8"	24#	550	375 sxs	Surface
7-7/8"	5-1/2"	14#	3900	1100 sxs	Surface

Blowout preventer: 10" Hydraulic

*19A. Primary Reservoir - Queen
Secondary Reservoir - Seven Rivers

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2/22/84
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Dee Ann Kemp Title Sr. Accounting Assistant Date 7-12-83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 22 1983

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-78

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER WIW

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

2. Name of Operator
Sun Exploration & Production Co.

3. Address of Operator
P. O. Box 1861 Midland, TX 79702

4. Location of Well
UNIT LETTER M LOCATED 1295 FEET FROM THE South LINE AND 25 FEET FROM THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E NMPM

7. Unit Acrement Cont. State "A" A/C 2

8. Name of Lease Name 71

9. Well No. 71

10. Name and Location of Well Unit 71 Seven Rivers Queen South

11. County Lea

15. Date Spudded 9/18/83 16. Date T.D. Reached 9/22/83 17. Date Compl. (Ready to Prod.) 10/29/83 18. Elevations (DF, RKB, RT, GR, etc.) 3568.7' GR 19. Elev. Casing-head

20. Total Depth 3900 21. Plug Back T.D. 3890 22. If Multiple Compl., How Many → 23. Intervals Drilled By: Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 3719 - 3900 Queen 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run CNL 27. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	588	12-1/4	375 Sxs	None
5-7/2	14#	3900	7-7/8	950 Sxs	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	3716	3710

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
3847-3877 - 1 JSPF 31 holes - w/ 4" OD	DEPTH INTERVAL
3783-3835 - 1 JSPF 53 holes - w/ 4" OD	AMOUNT AND KIND MATERIAL USED
3763-3775 - 1 JSPF 13 holes - w/4" OD	3847-3877 Acdz w/ 1800 gals NEFE HCL
	3783-3835 Acdz w/ 3000 gals 15% NEFE HCL
	3763-3775 Acdz w/ 750 gals 15% NEFE HCL

33. PRODUCTION

Date First Production _____ Production Method (Flowing, gas lift, pumping - Size and type pump) _____ Well Status (Prod. or Shut-in) _____

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

List of Attachments
C-103

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Dale Ann Kemp TITLE Sr. Acctng. Asst. DATE 11/14/83

INSTRUCTIONS

This form is to be filed with the nearest District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run on the well and a summary of all spectral tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anby <u>1439</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3148</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3331</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3719</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glerieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. Tansill <u>2985</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3763 to 3877 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1439	2985	1546'	Anhydrite, Thin Shales				
2985	3148	163'	Dolomite Some Interbedded Sands				
3148	3331	183'	Dolomite, Sandstone				
3331	3719	388'	Thin Laminated Shales Sandstone, Dolomite, Sandy Dolomites and Dolomite Sands				
3719	3890	171'	Dolomite with interbedded Sandstone and Sandy Dolomites				

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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

10. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER
b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER

2. Name of Operator
Sun Exploration & Production Company
3. Address of Operator
P. O. Box 1861, Midland, Texas 79702
7. Unit Agreement Name
8. Farm or Lease Name
State A A/C 2
9. Well No.
72

4. Location of Well
UNIT LETTER K LOCATED 1410 FEET FROM THE South LINE AND 1440 FEET FROM
THE West LINE OF SEC. 9 TWP. 22-S RGE. 36-E
10. Field and Pool, or Wildcat
Eunice Seven Rivers
Queen South
12. County
Lea

15. Date Spudded
8-30-83
16. Date T.D. Reached
9-3-83
17. Date Compl. (Ready to Prod.)
10-29-83
18. Elevations (DF, RKR, RT, GL, etc.)
3577.0 GR
19. Elev. Casinghead

20. Total Depth
3900
21. Plug Back T.D.
3890
22. If Multiple Compl., flow Many
23. Intervals Drilled By
Hotary Tools
Cable Tools
X
24. Producing Interval(s), of this completion -- Top, Bottom, Name
3700-3900 - Queen
25. Was Directional Surve. Made
Yes

26. Type Electric and Other Logs Run
CNL
27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	598	12-1/4	375 SXS	—
5-1/2	14#	3900	7-7/8	750 SXS	—

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	3848	

31. Perforation Record (Interval, size and number)

3800-3850 w/1JSPF, 51 holes, w/4" ODCG
3770-3785 w/1JSPF, 14 holes, w/4" ODCG

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3800-3850	Acidz w/3000 gals 15% NEPEHCL
3770-3785	Acidz w/750 gals 15% NEPEHCL

33. PRODUCTION

Date First Production
10-26-83
Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping 1-1/2"
Well Status (Prod. or Shut-in)
Prod

Date of Test 3-4-84	Hours Tested 24 hrs	Choke Size	Prod'n. For Test Period	Oil - Bbl. 8	Gas - MCF 12	Water - Bbl. 196	Gas - Oil Ratio 1500/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 35.80	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold
Test Witnessed By
Elmer Teel

35. List of Attachments
C-104 Inclination Report

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Joe Am... TITLE Sr. Accounting Assistant DATE 3-7-84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. This form is to be filed in triplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1230</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3117</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3323</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3740</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3937</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbery _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Aho _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. <u>Ansill</u> <u>2968</u>	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 3654 to 3842(Selectively) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1230	2968		Anhydrite, Salt, Thin Shales				
2968	3117		Sandstone, Dolomite				
3117	3323		Sandstone w/thin interbedded dolomites.				
3323	3740		Sandstone, Dolomite, Dolomitic Sands.				
3740	3937		Sandstone, Dolomite, Sandy Dolomites, Dolomitic Sands.				
3937	4000		Dolomite				

MAR 9 1984
 G.C.B.
 DISTRICT OFFICE



Attachment E2:

Supplemental Data for C-108, Section VI: Documentation of Plugged Wells

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

300250807
Form C-103
Revised 10-1-

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG WELLS TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name
2. Name of Operator Sun Exploration & Production Co.	8. Form or Lease Name State "A" A/C 2
3. Address of Operator P. O. Box 1861 Midland, TX 79702	9. Well No. 32
4. Location of Well UNIT LETTER <u>L</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE, SECTION <u>9</u> TOWNSHIP <u>22-S</u> RANGE <u>36-E</u> N.M.P.M.	10. Field and Pool, or Wildcat South Eunice 7 Rivers Queen
11. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

10. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
		OTHER <u>Re-entry to properly P & A</u> <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 8-28 Bled 8-5/8 - 5-1/2 csg Ann from 170-0 PSI
- 8-29 Weld on 5-1/2 collar, NV WH & BOP/RIH 3-7/8" bit on 1-3-1/8 DC/tagged & drld cmt 5-31
Fell thru had strong gas blow, died immediately/lwr bit to 67'/POH/RIH w/2-3/8 W.S. 0.
to 378' tagged up.
- 8-30 RIH w/3-7/8" bit, 2-3-1/8 DC's on 2-3/8 W.S. to 378' Drilled wood & paper 378-381,
Fell thru/lwr bit to 3385. Drilled hard cmt 3385-3388/circ hole clean/POH/RIH
w/2-3/8 O.E. to 3357
- 8-31 Circ hole w/9.0 ppg MUD/POH/CAFFEE shot 5-1/2 collar @ 1212' w/nitro charge/POH
& rec 39 jts 5-1/2 csg/top of 5-1/2 stub @ 1212/RIH 2-3/8 tbg O.E. to 1260/McCaffee
spot 50 sx class "C" plug 1260-1090
- 9-1 RIH w/2-3/8 WS, tag cmt plug @ 1039', POH 2 2/8 WS Caffey perf 4 sqz hole 930-931,
RIH 2/AD-1 pkr on 2-3/8 WS, set pkr @ 63', press 8-5/8 csg to 1000 for 30 min., releas
pkr & POH, Caffey perf 4 sqz holes 400-401', RIH w/AD-1 pke on 2-3/8 WS, set pke @ 252
Est inj rate 3 BPM @ 400 pse, circ out Braden head, pump 200 sxs cmt plug from
400-252.
- 9-2 Press test cmt plug to 500 psi for 5 min OK, released pkr & POH, RIH w/2-3/8 WS, open
end to 252', spot 40 sxs cmt plug 252 to 116', POH lay down 2-3/8 WS, spot 10 sxs cmt
surface plug, cut well off 4' below GRD-level, weld on steel plate, install marker.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Dei Ann Kemp TITLE Associate Accountant DATE 9-4-84

APPROVED BY [Signature] TITLE [Signature] DATE 10/16/84

CONDITIONS OF APPROVAL, IF ANY: OIL & GAS INSPECTOR OCT 18 1984

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

RECEIVED
NOV 20 1945

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

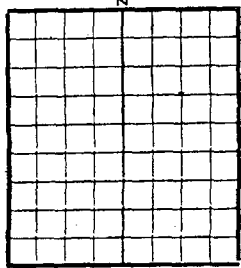
Fort Worth, Texas November 26, 1945
PLACE DATE

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as
TEXAS PACIFIC COAL AND OIL CO. STATE NEW MEXICO "A" AC. 2 Well No. **32** in **SE**

of Sec. **9** T. **22-S** R. **36-E** N. M. P. M., Co. **Dunice** Field, **Lee** County.



AREA 640 ACRES
LOCATE WELL CORRECTLY

The well is **1980** feet (N.) (S.) of the **South** line and **660** feet (E.) (W.) of the **West** line of **Section 9**.

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. Assignment No.

If patented land the owner is

Address

If government land the permittee is

Address

The lessee is

Address

We propose to drill well with drilling equipment as follows: **Rotary tools**

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: **Required bond on file**

We propose to use the following strings of casing and to land or cement them as indicated:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	NEW OR SECOND HAND	DEPTH	LANDED OR CEMENTED	SACKS CEMENT
11	8 1/4	28#	S. H.	400	Cemented	185
9-5/8	7-5/8	26.40	New	1600	"	200
7-7/8	5 1/2	14	New	3800	"	500

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about **3870** feet.

Additional information:

Approved NOV 30 1945, 19
Except as follows:

Sincerely yours,

TEXAS PACIFIC COAL AND OIL COMPANY
COMPANY OR OPERATOR

By R. J. Fleckenstein

Position agent

Send communications regarding well to

Name R. J. Fleckenstein

Address P. O. Box 2110, Fort Worth 1, Texas

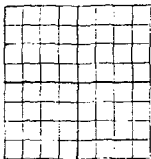
OIL CONSERVATION COMMISSION,
By Ray Harrison
Oil & Gas Inspector
Title

FORM NO. 1

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



AREA OR APPLICABLE LOCAL WELL NUMBER

Well to Oil Conservation Commission, State of New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate specific data by following in units (1). SIGNATURE IN REPLICATED.

TEXAS PACIFIC COAL AND OIL COMPANY P. O. Box 2110, Fort Worth 1, Texas

State New Mexico Ad. 2 Well No. 32 in of Sec. 7 T. 22-S

36-N N. M. S. W. Co. Eunice Field, Lea County

Well 1980 feet north of the TROPIC line and 660 feet east of the TROPIC line of Sec. 9

If State land the oil and gas lease is No. 2-A Assignment No. 283

If patented land the owner is Address

If Government land the permittee is Address

The lease is 1945 Drilling was completed Dec. 21, 1945

Drilling commenced Dec. 1, 1945 Drilling was completed Dec. 21, 1945

Name of drilling contractor M. B. E. Drilling Co. Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3566 feet

The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1 from Broken 1680 to 3843 No. 4 from No. 2 from No. 5 from No. 3 from No. 6 from

IMPORTANT WATER BARS

Include data on rate of water inflow and elevation to which water from its hole. No. 1 from No. 2 from No. 3 from No. 4 from

CASING RECORD

Table with columns: WEIGHT PER FOOT, TENSILE STRENGTH, MAKE, AMOUNT, KIND OF BOND, CIPPED & FILLED FROM, PERFORATED FROM TO, PURPOSE.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLES, KIND OF MUD, WEIGHT PER GALLON, NO. BAGS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED.

PLUGS AND ADAPTERS

Heavy plug—Material, Length, Depth Set. Adapter—Material, Size.

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: HOLE, SERIAL NUMBER, RELATIVE OR CHEMICAL TREATMENT, QUANTITY, DATE, DEPTH SHOT OR TREATMENT, DEPTH CLEANED OUT.

Results of shooting or chemical treatment: Shotted and flowed.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3843 feet, and from feet to feet. Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to production December 21, 1945. The production of the first 24 hours was 42 1/8 shocks barrels of field which % was oil, % emulsion, % water, and % sediment. Gravity, No. If gas well, cu. ft. per 24 hours. Gallons gasoline per 1,000 cu. ft. of gas. Rock pressure, lbs. per sq. in.

EMPLOYEES

M. B. E. Drilling Co. Driller, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it in far as can be determined from available records.

Subscribed and sworn to before me this 11th day of January, 1946. Fort Worth, Texas Jan. 11, 1946

Notary Public, My Commission expires 6-1-49. Name, Position, Agent, Representing TEXAS PACIFIC COAL AND OIL CO., Address, Fort Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	165	165	Caliche
165	240	75	Sand & red bed
240	992	752	Med Bed
992	1215	223	Red Bed & Sand
1215	1338	123	Red Rock
1338	1410	72	Red Bed & Shells
1410	1470	60	Red Rock & Shells
1470	1478	8	Red Sand
1478	1560	82	Anhydrite
1560	2968	1408	Anhydrite & Salt
2968	3024	56	Anhydrite & Lime
3024	3090	66	Lime & Gyp
3090	3147	57	Anhydrite & Lime
3147	3235	88	Lime
3235	3374	139	Anhydrite & Lime
3374	3843	469	Lime
	3843'	TOTAL DEPTH	

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL APT NO. 30-025-23546
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name State A AC 2
2. Name of Operator Clayton W. Williams, Jr., Inc.	8. Well No. 32Y
3. Address of Operator Six Desta Drive, Suite 3000 Midland, Texas 79705	9. Pool name or Wildcat Eunice 7 Rvrs Queen South
4. Well Location Unit Letter L : 2050 Feet From The South Line and 760 Feet From The West Line Section 9 Township 22S Range 36E NMPM Lea County	10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/05/93 Set CIBP @ 3650'. Dumped 40' cement on CIBP.

3/17 - Displaced hole w/65 bbls 10 ppg gelled brine from CIBP to surface.

3/20/93 Perforated 4-1/2" casing @ 360', 2 SPF. Pumped 135 sx Class "C" w/2% CaCl2 down 4-1/2" casing and up 4-1/2" casing and up 4-1/2"/7-5/8" annulus. Circulate 20 sx cement to pits. Cut casing 3' below C.L. and install P & A marker

SEE ATTACHED WELLBORE DIAGRAM

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David Grafe TITLE Petroleum Engineer DATE 03/26/93

TYPE OR PRINT NAME David Grafe TELEPHONE NO. 682-6324

(This space for State Use)

APPROVED BY Charles Perrin TITLE OIL & GAS INSPECTOR DATE APR 20 1993

CONDITIONS OF APPROVAL, IF ANY:

A. Grafe

8

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
NM 2A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL OTHER **Injection Well** SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
TEXAS PACIFIC OIL CO., INC.

3. Address of Operator
P. O. Box 1069 Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER **L** LOCATED **2050** FEET FROM THE **South** LINE
AND **760** FEET FROM THE **West** LINE OF SEC. **9** TWP. **22-S** RGE. **36-E** NMPM

7. Unit Agreement Name

8. Farm or Lease Name
State "A" A/c-2

9. Well No.
32Y

10. Field and Pool, or Wildcat
South Emice

12. County
Lea

19. Proposed Depth
3900'

19A. Formation
7-Rvrs. Queen

20. Rotary or C.T.
Rotary

21. Investigations (Show whether DF, RT, etc.)
3563.5' GR

21A. Kind & Status Plug. Bond
As Required

21B. Drilling Contractor
Leatherwood

22. Approx. Date Work will start
Upon Approval

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	7-5/8"	24#	350'	175	
6-3/4"	4-1/2"	9.5#	3900	300	

This well will be drilled 70' North & 100' East of State "A" A/c-2 Well No. 32 (TA) to be drilled as a water injection well for State "A" A/c-2 Lease.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Sheldon Ward Title Area Superintendent Date 7-2-70

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JUL 6 1970

CONDITIONS OF APPROVAL, IF ANY:

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OPERATOR	

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
RR 2 A

1c. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

2. Name of Operator
Texas Pacific Oil Company, Inc.

3. Address of Operator
P. O. Box 1069, Hobbs, New Mexico 88240

7. Unit Agreement Name

8. Farm or Lease Name
State "A" A/c-2

9. Well No.
32Y

10. Field and Pool, or Wildcat
South Eunice

4. Location of Well
UNIT LETTER **L** LOCATED **2050** FEET FROM THE **South** LINE AND **760** FEET FROM _____

12. County
Lea

THE **West** LINE OF SEC. **9** TWP. **22-8** RGE. **36-E** NMPM _____

15. Date Spudded **7-9-70** 16. Date T.D. Reached **7-18-70** 17. Date Compl. (Ready to Prod.) **7-28-70** 18. Elevations (DF, RKB, RT, GR, etc.) **3560' GR** 19. Elev. Casinghead _____

20. Total Depth **3900** 21. Plug Back T.D. **3870'** 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By: Rotary Tools _____ Cable Tools _____
Surf. - 3900'

24. Producing Interval(s), of this completion - Top, Bottom, Name
3702 - 3782' 25. Was Directional Survey Made
Yes

26. Type Electric and Other Logs Run
BHC; GR/N; Laterolog 27. Was Well Cored _____

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7-5/8"	26#	337	11	175	
4-1/2"	9.4#	3900	6-3/4	300	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"		3763'

31. Perforation Record (Interval, size and number)
3702-05-10-14-16-21-23-25-29-40-49-53-58-65-67-72-80-82

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3702 - 3782'	2000 Gal. 15% HCl Acid

33. PRODUCTION

Date First Production **7-28-70** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pump** Well Status (Prod. or Shut-in) _____

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-29-70	24			18	TSTM	126	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
			18	TSTM	126	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) _____ Test Witnessed By _____

35. List of Attachments _____

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Original Signed by
SIGNED **Sheldon Ward** TITLE **Area Superintendent** DATE **October 6, 1970**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
Rustler 1425			
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 3128	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 3309	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 3702	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 3873	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
357	540		Red Bed				
540	977		Red Bed & Sand				
977	1325		Red Bed & Anhydrite				
1325	2970		Anhydrite & Salt				
2970	3187		Anhydrite & Lime				
3187	3900		Lime				

RECEIVED
 JUN 10 1970
 OIL DIVISION
 STATE OF NEW MEXICO

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-08838
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name State A AC 2
2. Name of Operator Clayton Williams Energy, Inc.	8. Well No. 49
3. Address of Operator Six Desta Drive, Suite 3000 Midland, Texas 79705	9. Pool name or Wildcat Jalmat Tansil Yates 7 Rvrs
4. Well Location Unit Letter C 1980 Feet From The West Line and 660 Feet From The North Line Section B Township 22S Range 36E NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3585 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

09/24/94: Set CIBP at 3050' w/35' cement on plug.

06/16/94: Circulated hole w/10ppg gelled brine. Perforate 5-1/2" casing at 325.

Circulated 80 sx cement down 5-1/2" & up 5-1/2"/8-5/8" annulus to surface.
Cut off wellhead and anchors 3' below G.L. Set P & A marker
Cleared location of junk

Plugged and Abandoned Wellbore

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David G. Crafe TITLE Senior Prod. Engineer DATE 07/12/94

TYPE OR PRINT NAME David G. Crafe TELEPHONE NO. 682-6324

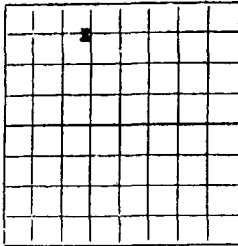
(This space for State Use)

APPROVED BY Flay W. Wick TITLE FIELD REPRESENTATIVE II DATE 7-15-94

CONDITIONS OF APPROVAL, IF ANY:

JC

[Handwritten signature]



DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Texas Pacific Coal and Oil Company State **NA# 4/60**
(Company or Operator) (Lease)
Well No. **69** in **SE** 1/4 of **3N** 1/4 of Sec. **8** T. **24N** R. **36-E** NMPM.
South Burles Pool, **Lea** County.
Well is **660** feet from **North** line and **1980** feet from **West** line
of Section **8**. If State Land the Oil and Gas Lease No. is **NA-2A**
Drilling Commenced **September 13, 1960** Drilling was Completed **September 19, 1960**
Name of Drilling Contractor **P. N. A. Drilling Company**
Address **Michita Falls, Texas**
Elevation above sea level at Top of Tubing Head **3595'** The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from **3775** to **3870 RTH** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
6-5/8	26	New	306	Float			Surface
5-1/2	16	New	3765	Float			Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	6-5/8	316	300+15 Gal	Pump & Plug		
7-7/8	5-1/2	3775	200+15 Gal	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qtz. or Galz. used, interval treated or shot.)

Open hole Fibre-fused at 3855'-60' w/3 Hb. 3 charges.
Sand-oil treat w/40,000 gals. refined oil & 20,000 lbs. sand.

Result of Production Stimulation **Flowed 113 bbls. oil, 40 bbls. water through a 1/64" choke in 1 1/2 hours. Tested on 9/27/60.**

Depth Cleaned Out **3870'**

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 3870 MIX feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing September 27, 1960.

OIL WELL: The production during the first 24 hours was 153 barrels of liquid of which 73.8 % was
 was oil; 0 % was emulsion; 26.2 % water; and 0 % was sediment. A.P.I.
 Gravity 35°

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
 liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <u>158</u>	T. Devonian	T. Ojo Alamo	
T. Salt <u>1678</u>	T. Silurian	T. Kirtland-Fruitland	
B. Salt <u>3066</u>	T. Montoya	T. Farmington	
T. Yates <u>3188</u>	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers <u>3385</u>	T. McKee	T. Menefee	
T. Queen <u>3767</u>	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	318	318	Sand & Red Bed				
318	1258	940	Red Bed & Shell				
1258	1289	31	Red Bed & Salt				
1289	3069	1780	Anhyd. & Salt				
3069	3229	160	Anhyd. & Lime				
3229	3402	173	Anhyd. Gyp. & Lime				
3402	3770	368	Lime				
3770	3870	100	Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Texas Pacific Coal & Oil Company Address P. O. Box 1688, Hobbs, New Mexico (Date) October 12, 1960
 Name [Signature] Title Petroleum Engineer

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name State A A/C 2
9. Well No. 51
10. Field and Pool, or Wildcat Funiex 7 Rvrs Queen S
12. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL GAS WELL OTHER: TA'd Injection Wells

1. Name of Operator
Sun Exploration & Production Company

2. Address of Operator
P.O. Box 1861 Midland, Texas 79702

3. Location of Well
UNIT LETTER F 1980 FEET FROM THE North LINE AND 1980 FEET FROM
THE West LINE, SECTION 8 TOWNSHIP 22 RANGE 36 NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 103.
- 9-12 MIRU POH & L.D. rods & pump, rods corroded to junk condition
 - 9-13 POH w/2-3/8 short string leaving 2-3/8 SN in hole/ Found 2-3/8 long string parted POH w/ 3275' leaving approx 15 jts & PKR ass'y in hole/ RIH w/5-3/4 x 3-1/16 OS 1 jt 5-3/4 wash pipe BS jars 4 - 3 1/2 DCS on 2-7/8 WS Tag & fish @ 3275/ POH w/no recovery/ RIH w/same assy tag & work over fish to 3285/ POH rec 5' 2-3/8 tbg w/severe corrosion
 - 9-14 RIH w/6-1/8 cone buster Mill 4 - 4-1/8 DCS on 2-7/8 WS tag & Mill Iron sulfide & metal 3275-3310 35' in 5-1/2 hr circ clean PU to 3200
 - 9-17 Fin TOH w/bit TIH w/6" cutrite shoe, 194' - 5-3/4" WP, oil jars, .6 4-1/8" DCS on 2-7/8" tbg tag & wash over fish from 3309' to 3337' WP plugged TOH rec. pieces of 2-3/8" tbg jammed in shoe TIH w/ 5-3/4" cutrite shoe, 163' - 5-3/4" WP oil jars, 6 - 4-1/8" DCS on 2-7/8" tbg to 3212'

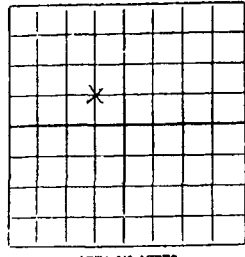
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED: Dee Ann Kemp TITLE: Associate Accountant DATE: 10/01/85

APPROVED BY: Eddie Lea TITLE: OIL & GAS INSPECTOR DATE: MAR 8 - 1988

CONDITIONS OF APPROVAL, IF ANY:

Revised 7/1/60
 (Form C-168)



AREA 640 ACRES
 LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE. If State Land submit 6 Copies

Texas Pacific Real and Oil Company State TX A/O-2
 (Company or Operator) (Lease)

Well No. 51 in SE 1/4 of NW 1/4, of Sec. 8, T. 22-S, R. 36-S, NMPM.
South Burleso Pool, Lee County.

Well is 1980 feet from North line and 1980 feet from West line
 of Section 8. If State Land the Oil and Gas Lease No. is 18-4

Drilling Commenced November 9, 1960 Drilling was Completed November 16, 1960

Name of Drilling Contractor F.K.A. Drilling Company
 Address Mesquite Falls, Texas

Elevation above sea level at Top of Tubing Head 3595 The information given is to be kept confidential until
 _____, 19____

OIL SANDS OR ZONES

No. 1, from 3778 to 3967 RIM No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF BRIDGE	CUT AND FILLED FROM	PERFORATIONS	PURPOSE
9-5/8"	22.3	New	302'	Float			Surface
7"	20	New	3768'	Float			Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	DEPTH FEET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/8"	9-5/8"	312	300 + 45 Gal	Pump & Plug		
8-1/2"	7"	3778	250 + 45 Gal	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Open hole vibro free at 3854-56' w/3 lb. 3 charges.

Send oil treat w/40,000 gals. lease crude and 20,000 lbs. sand + 1000 lbs. Adomite.

Result of Production Stimulation Stimbed 50 bbls. oil, & bbls. water in 7 hrs. Tested on 11/27/60.

Depth Cleaned Out 3967 RIM

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from Surface feet to 3867 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing: November 29, 1960

OIL WELL: The production during the first 24 hours was 54 barrels of liquid of which 92.5 % was oil; 0 % was emulsion; 7.5 % water; and 0 % was sediment. A.P.I. Gravity 37°

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anby.....	<u>1372'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	<u>1492'</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>2033'</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3121'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. J Rivers.....	<u>3284'</u>	T. McKee.....	T. Menefee.....
T. Queen.....	<u>3772'</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	247	247	Shale				
	247	317	Red Bed & Shells				
	317	1272	Red Bed				
	1272	1335	Arhyd. & Shells				
	1335	2068	Arhyd. Shells & Salt				
	2068	3019	Arhyd. & Salt				
	3019	3134	Arhyd. & Lime				
	3134	3770	Lime				
	3770	3867	Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

December 14, 1960

Company or Operator: Texas Pacific Coal & Oil Co. Address: P. O. Box 1688, Hobbs, New Mexico

Name: [Signature] Position: Petroleum Engineer

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-08840
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State A AC 2
8. Well No. 53
9. Pool name or Wildcat Eunice 7 Rvrs Queen South
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3592

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator Clayton Williams Energy, Inc.
3. Address of Operator Six Desta Drive, Suite 3000 Midland, Texas 79705
4. Well Location Unit Letter N : 660 Feet From The South Line and 1980 Feet From The West Line Section 8 Township 22S Range 36E NMPM Lea County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/07/91: Set CIBP @ 3710' w/35' cement on plug.

06/17/94: Circulated hole w/10 ppg gelled brine. Perforated 5-1/2" casing at 240.
Circulated 120 sx cement down 5-1/2" casing and up 5-1/2"/8-5/8" annulus to surface.
Cut off wellhead and anchors 3' below G.L. Set P & A marker
Cleared location of junk;

PLUGGED AND ABANDONED WELLBORE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David G. Grafe TITLE Senior Prod. Engineer DATE 07/12/94

TYPE OR PRINT NAME David. G. Grafe TELEPHONE NO. 682-6324

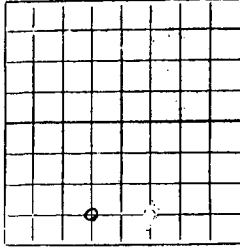
(This space for State Use)

APPROVED BY Harry W. Wink TITLE FIELD REPRESENTATIVE II DATE 7-15-94

CONDITIONS OF APPROVAL, IF ANY:

JE

LIP



AREA 400 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Texas Pacific Coal and Oil Company State NA A/e-2
(Company or Operator) (Lease)
 Well No. 53, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 8, T. 22-S, R. 36-E, NMPM.
South Union Pool, Lee County.
 Well is 660 feet from South line and 1980 feet from West line
 of Section 8. If State Land the Oil and Gas Lease No. is A-983.
 Drilling Commenced February 4, 1961. Drilling was Completed February 10, 1961.
 Name of Drilling Contractor F. W. A. Drilling Company
 Address Wichita Falls, Texas
 Elevation above sea level at Top of Tubing Head 3592'. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND FILLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24	New	320	Float			Surface
5-1/2"	14	New	3775	Float		Open Hole	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	330	900+48 Gal	Pump & Plug		
7-7/8"	5-1/2"	3785	250+48 Gal	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Fibre-frac interval from 3847-3851 with 3 No. 3 charges.
SOT w/20,000 gal. oil & 20,000#, 500# Adomite @ 3785'-3886' (Open Hole) and
reserved lead oil. A.I.R. 29.1 bbl./min.
 Result of Production Stimulation Potential 90 BO & 30 EM + 77.71 MCF on 22/61 above in 12 hrs.
T.P. 425#, C.P. 600#. GOR 432/1 2/20/61.
 Depth Cleaned Out 3886'

BOOK OF DRILL-STEM AND SPECIAL 1 8

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3886 EDM feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 20, 1961

OIL WELL: The production during the first 24 hours was 120 barrels of liquid of which 75% was oil; 25% was emulsion; 25% water; and % was sediment. A.P.I. Gravity 35°

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	1380'	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1683'	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	3040'	T. Montoya.....	T. Farmington.....
T. Yates.....	3198'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	3400'	T. McKee.....	T. Menefee.....
T. Queen.....	3770'	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....		T. Granite.....	T. Dakota.....
T. Glorieta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	335	335	Sand & Red Bed				
335	1100	765	Red Bed				
1100	1574	474	Shells & Anhyd.				
1574	3032	1458	Anhyd. & Salt				
3032	3408	376	Anhyd. & Lime				
3408	3785	377	Lime				
3785	3886	101	Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Texas Pacific Coal & Oil Co. Address P. O. Box 1668, Hobbs, New Mexico
 Name William M. Keith Date April 7, 1961
 Position Petroleum Engineer

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-08842 ✓
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	State A AC 2
8. Well No.	55
9. Pool name or Wildcat	Eunice 7 Rvrs Queen South

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator Clayton W. Williams, Jr., Inc.
3. Address of Operator Six Desta Drive, Suite 3000 Midland, Texas 79705	4. Well Location Unit Letter P : 660 Feet From The South Line and 660 Feet From The East Line Section 8 Township 22S Range 36E NMPM Lea County
10. Elevation (Show whether DF, RKB, KT, GR, etc.) GL - 3581'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

12/07/90 CIBP set @ 3710'/

3/15/93 Spot 30 sx Class "C" w/2% CaCl2 on CIBP. Displaced hole w/100 bbls 10 PPG gelled brine. POOH to 2600'. Spot 30 sx cement plug 2600-±2311'. POOH to 610'. Spot 30 sx cement plug 610 - ±330'. Perforate 5-1/2" casing @ 330', 2 SPF. Pump 95 sx Class "C" w/2% CaCl2 down 5-1/2" casing and up 5-1/2"/8-5/8" annulus. Circulate 5 sx cement to pits. Cut casing off 3' below G.L. and install P & A marker.

SEE ATTACHED WELLBORE DIAGRAM

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David Grafe TITLE Petroleum Engineer DATE 3/26/93

TYPE OR PRINT NAME David Grafe TELEPHONE NO. 682-6324

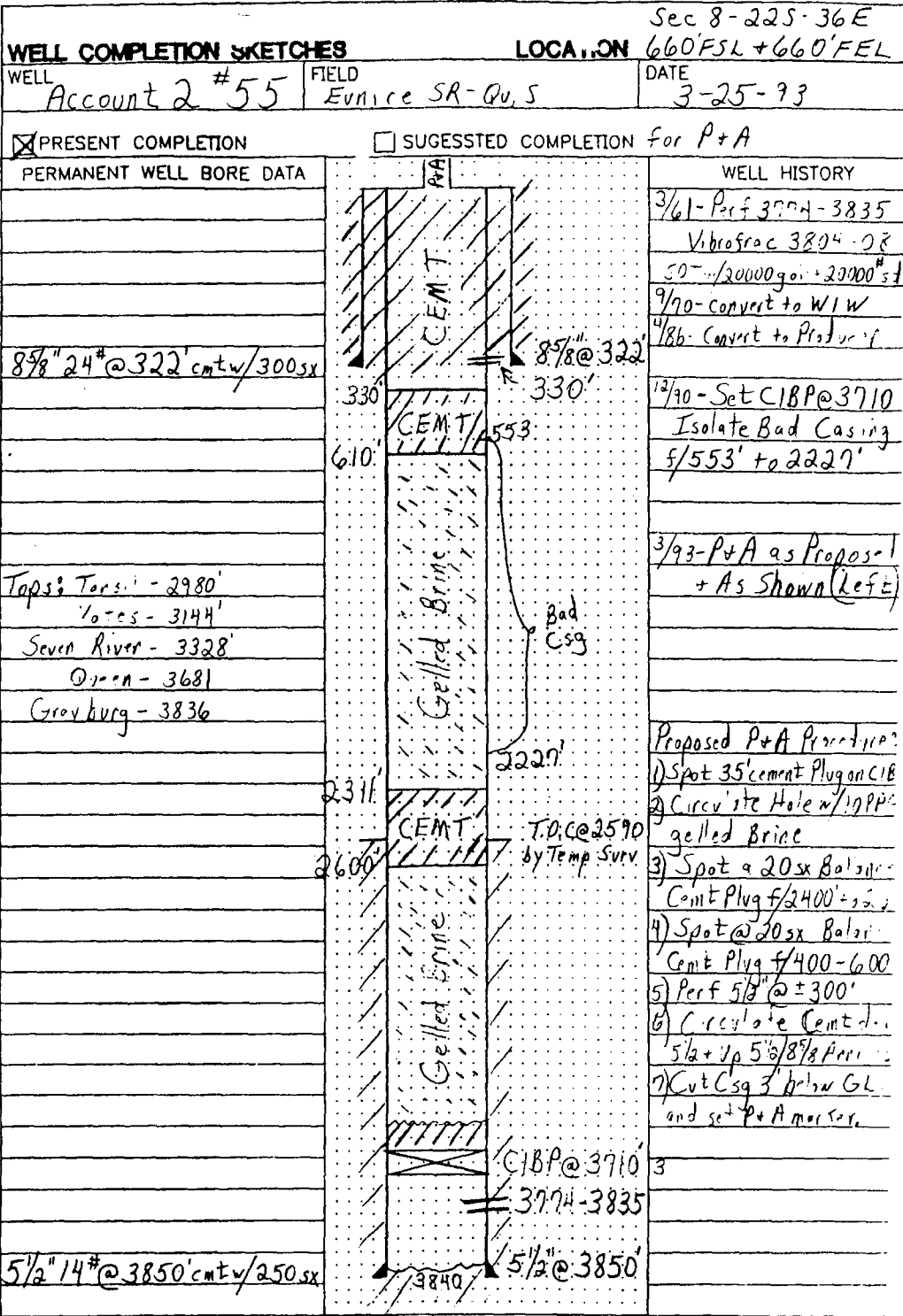
(This space for State Use)

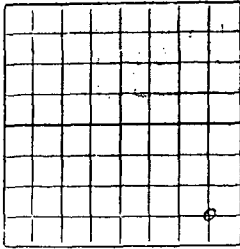
APPROVED BY Charlie Lerson TITLE OIL & GAS INSPECTOR DATE APR 20 1993

CONDITIONS OF APPROVAL, IF ANY:

C 7w

8





AREA 100 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Texas Pacific Coal and Oil Company State W.A. A/s-2
(Company or Operator) (T.R.S.)
Well No. 55 in SE ¼ of SE ¼ of Sec. 8, T. 23-S, R. 36-E, NMPM.
South Union Pool, Lee County.
Well is 660 feet from South line and 660 feet from East line
of Section 8. If State Land the Oil and Gas Lease No. is A-983
Drilling Commenced March 29, 1961. Drilling was Completed April 5, 1961.
Name of Drilling Contractor F. W. A. Drilling Company
Address Wichita Falls, Texas
Elevation above sea level at Top of Tubing Head 3581'. The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SOLE	CUT AND FILLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24.6	New	312	Float			Surface
5-3/2"	14.6	New	3800'	Float			Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	8-5/8"	322	500	Pump & Plug		
7-7/8"	5-1/2"	3850'	250	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qtz. or Gals. used, interval treated or shot.)

Perf. 5-1/2" esp. 3778-78', 3781-81', 3792-92', 3802-10', 3816-20', 3831-35' w/110 shots.
Vibro-frac 3804-08' w/ 3 charges.
Sand-oil treated w/20,000 gal. & 20,000' & 500' Adverts.
Result of Production Stimulation Potentialled 135 BO, no water, 30/66" chdn in 24 hours.
T.P. 150', C.P. 400', 346 MEZ, OOR 2549.
Depth Cleared Out 3850'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3850 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 14, 1961
 OIL WELL: The production during the first 24 hours was 135 barrels of liquid of which 100 % was
 was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.
 Gravity 35°
 GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
 liquid Hydrocarbon. Shut in Pressure lbs.
 Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy..... <u>1435'</u>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt..... <u>1725'</u>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt..... <u>2924'</u>	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>3148'</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers..... <u>3350'</u>	T. McKee.....	T. Menefee.....	
T. Queen..... <u>3680'</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....	T.	T.	
T. Abo.....	T.	T.	
T. Penn.....	T.	T.	
T. Miss.....	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	158	158	Soak & Sand				
158	1954	1196	Red Bed				
1954	2992	1638	Arhyd. & Salt				
2992	3365	373	Arhyd. & Lime				
3365	3750	385	Lime				
3750	3850	100	Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records. May 1, 1961

Company or Operator Texas Pacific Coal & Oil Co. Address P. O. Box 1600, Hobbs, New Mexico
 Name William M. Reel Position Petroleum Engineer

Print 3 Copies
appropriate
to Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

TRICT I
Box 1980, Hobbs, NM 88240
TRICT II
Drawer DD, Artesia, NM 88210
TRICT III
0 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-08843
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State A AC 2
8. Well No. 56
9. Pool name or Wildcat Jalmat Tansil Yates 7 Rvrs (Pro Gas)

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:
OIL WELL GAS WELL OTHER

Name of Operator
Clayton Williams Energy, Inc.

Address of Operator
Six Desta Drive, Suite 3000 Midland, Texas 79705

Well Location
Unit Letter J : 1980 Feet From The South Line and 1980 Feet From The East Line

Section 8 Township 22S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
DF - 3598

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

06/17/94: Set CIBP @ 2858' w/35' cement on plug. (Had verbal approval from OCD for deviation from 3150' setting depth)

06/17/94: Circulated hole w/10 ppg gelled brine. Perforated 5-1/2" casing @ 350. Circulated 100 sx cement down 5-1/2" casing and up 5-1/2"/8-5/8" annulus to surface. Cut off wellhead and anchors 3' below G.L. Set P & A marker. Cleared location of junk.

PLUGGED AND ABANDONED WELLBORE

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE David C. Grafe TITLE Senior Prod. Engineer DATE 07/12/94

TYPE OR PRINT NAME David C. Grafe TELEPHONE NO. 682-6324

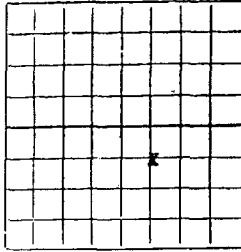
(This space for State Use)

APPROVED BY Hayes W. Wick TITLE FIELD REPRESENTATIVE II DATE 7-15-94

CONDITIONS OF APPROVAL, IF ANY:

JT

CP



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Texas Pacific Coal and Oil Company State #A 4/e-2
(Company or Operator) (Lease)
Well No. 56 in NW 1/4 of SE 1/4 of Sec. 8, T. 22-S, R. 36-E, NMPM.
South Emilee-Jalnet Pool, Lea County.
Well is 1980 feet from South line and 1980 feet from East line
of Section 8. If State Land the Oil and Gas Lease No. is
Drilling Commenced August 8, 1961, 19... Drilling was Completed August 13, 1961.
Name of Drilling Contractor F. W. A. Drilling Company
Address Wichita Falls, Texas
Elevation above sea level at Top of Tubing Head 3588. The information given is to be kept confidential until
19...

OIL SANDS OR ZONES

No. 1, from 3182 to 3188 No. 4, from 3300 to 3313
No. 2, from 3218 to 3233 No. 5, from 3341 to 3353
No. 3, from 3271 to 3286 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND FULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24	New	322	Float			Surface
5-1/2"	14	New	3843	Float		3182-3353	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	333	300	Plug & Plug		
7-7/8"	5-1/2"	3853	300	Plug & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perf. 3782-88', 3806-17', 3827-38', and 807 w/20,000 gal. + 20,000# sand. No results.
Set Nodal K cement retainer at 3706' and squeezed Perforation.
Perf. Intes 3182-3353' 807 w/20,000 gal. + 60,000# sand.

Result of Production Stimulation

Depth Cleaned Out 3640'

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3853 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing _____, 19____

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____% was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I. Gravity _____

GAS WELL: The production during the first 24 hours was 750 M.C.F. plus 115 barrels of liquid Hydrocarbon. Shut in Pressure 577 lbs.

Length of Time Shut in 72 hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. <u>1390</u>	T. Devonian	T. Ojo Alamo	
T. Salt <u>1600</u>	T. Silurian	T. Kirtland-Fruitland	
B. Salt <u>3010</u>	T. Montoya	T. Farmington	
T. Yates <u>3181</u>	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers <u>3366</u>	T. McKee	T. Menefee	
T. Queen <u>3736</u>	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs	T.	T.	
T. Abo	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	333	333	Red Bed & Shells				
333	1403	1070	Red Bed & Salt				
1403	3035	1632	Anhydrite & Salt				
3035	3155	120	Anhydrite & Lime				
3155	3319	164	Lime				
3319	3750	431	Anhydrite & Lime				
3750	3853	103	Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

September 25, 1961

Company or Operator Texas Pacific Coal & Oil Company Address P. O. Box 1608, Hobbs, New Mexico

Name Allen M. Beth Post Title Petroleum Engineer

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-08933
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No. B-1484
Lease Name or Unit Agreement Name State "H"
Well No. 1
Pool name or Wildcat Eunice, South Seven Rivers-Queen
Elevation (Show whether DF, RKB, RT, GR, etc.) 3584' DF

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE 'APPLICATION FOR PERMIT' (FORM C-101) FOR SUCH PROPOSALS.)

Type of Well:
OIL WELL GAS WELL OTHER

Name of Operator
Doyle Hartman

Address of Operator
500 N. Main Street, Midland, Texas 79701

Well Location
Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line
Section 17 Township 22-S Range 36-E NMPM Lea County

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ANBANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.
See attached Page 2 for description of completed operations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE [Signature] TITLE Executive Assistant DATE 12-11-98
TYPE OR PRINT NAME Ann O'Brien TELEPHONE NO. 915/684-4011

(This space for State Use)
APPROVED BY [Signature] TITLE Oil & Gas Director DATE MAR 15 1999
CONDITIONS OF APPROVAL IF ANY:

IC

des

NMOCD Form C-103, Dated 12-11-98

Doyle Hartman

State "H" No. 1 (A-17-22S-36E)

Page 2

Pressure tested 7" O.D. casing 0' - 3559' to a minimum WHP of 1500 psi. Located very slow leak between 2484' and 2966'.

Moved in and rigged up reverse drilling unit. Ran 6-1/8" bit and (6) - 4.75" drill collars. Tagged up on top of CIBP at 3559' (104 jts @ 32.20'/jt + 21.29' of 105th jt + 183.60' BHA + 5' KBC = 3558.69'). Commenced drilling CIBP at 9:04 A.M., 12-9-98. Drilled on CIBP for a total of 13.5 hours before CIBP finally fell free. Pushed CIBP to 3751' RKB. During 13.5-hour drillout period, made one trip to change worn bit. Lost returns 1.5 hours before bit fell free.

Pulled and laid down tubing, drill collars, and bit. Rigged down well service unit. Moved in backhoe. Dug out around 9-5/8" casinghead and 12-1/2" casinghead. Rigged up Halliburton. Squeeze cemented perfs and open-hole (3626' - 3824') and filled 7" O.D. casing with cement by cementing down 7" O.D. casing with a total of 1339 cu ft of cement slurry (486 cu ft into formation). Mixed and pumped cement as follows:

1. 200 sx of HLC cement with 2% CaCl₂ and 1/4 lb/sx Flocele at 9 BPM.
2. 190 sx of API Class-C cement with 3% CaCl₂ and 1/4 lb/sx Flocele at 9 BPM.
3. 361 sx of HLC cement with 2% CaCl₂ at 1 BPM to 9 BPM.

After catching pressure, reduced pump rate from 9 BPM back to 3 BPM and finally to 1 BPM to allow cement to start setting. Final pump rate down 7" casing was 1 BPM at 1365 psi. ISIP = 1345 psi. 5-min SIP = 1306 psi.

Tied pump truck to 9-5/8" x 7" annulus. Pressured 9-5/8" x 7" annulus to 1100 psi. Broke down Rustler formation at 1100 psi. Performed injectivity test down 9-5/8" x 7" annulus at 3 BPM at 900 psi.

Cemented down 9-5/8" x 7" casing annulus and into Rustler formation with 420 cu ft of cement slurry. Mixed and pumped cement as follows:

1. 180 sx of HLC cement with 2% CaCl₂ and 1/4 lb/sx Flocele at 3.25 BPM at 800 psi.
2. 50 sx of API Class-C cement with 3% CaCl₂ at 5 BPM at 800 psi.

ISIP = 540 psi. 5-min. SIP = 425 psi.

Cemented down 12-1/2" x 9-5/8" casing annulus with 243 cu ft of cement slurry. Mixed and pumped cement as follows:

1. 90 sx of HLC cement with 2% CaCl₂ and 1/4 lb/sx Flocele at 4 BPM.
2. 50 sx of API Class-C cement with 3% CaCl₂ and 1/4 lb/sx Flocele at 2.25 BPM.

Final pump pressure was 800 psi. Maximum pump pressure was 1000 psi. ISIP = 540 psi. 5-min SIP = 490 psi.

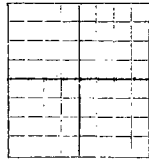
Rigged down Halliburton. Well plugged and abandoned as of 12-10-98.

END OF DOCUMENT

CWW

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 50 ACRES
LOCATE WELL GEOGRAPHICALLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent and have this record filed after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate geologic data by following it with (1). RETURN IN TRIPPLICATE.

Cities Service Oil Company Hobbs, New Mexico
 Company or Operator Address
 State N Well No. 1 to XXXX of No. 17 T. 22-S
 N. M. P. M. South Kunise Field. Lea County.
 Well is 660 feet south of the North line and 660 feet west of the East line of Seg. 17
 If State land the oil and gas lease is No. 7 Assignment No. _____
 If patented land the owner is _____ Address _____
 If Government land the permittee is _____ Address _____
 The Lessee is _____ Address _____
 Drilling commenced 6/14 1937 Drilling was completed 9/25 1937
 Name of driller contractor Oil Well Drilling Co. Address Hobbs, New Mexico
 Elevation above sea level at top of casing 7 feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1. from 3730' to 3914' No. 4. from _____ to _____
 No. 2. from _____ to _____ No. 5. from _____ to _____
 No. 3. from _____ to _____ No. 6. from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
 No. 1. from _____ to _____ feet.
 No. 2. from _____ to _____ feet.
 No. 3. from _____ to _____ feet.
 No. 4. from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF JOBS CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
1 1/2"	40	8	L.W.	234			Surface
9 5/8"	36	10	Smls.	1458	Float		Intermediate
7"	24	10	Smls.	3680	Float		Oil String
2 1/2" US	6.5	10	Smls.	3908			Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
1 1/2"	254		250	Ballston		
9 5/8"	1458		450			
7"	3680		200			

PLUGS AND ADAPTERS

Heavy plug--Material _____ Length _____ Depth Set _____
 Adapters--Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	DEPTH (FEET)	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Chemical	3000 gal	9/12/37	3635-3884	
		"	3000 "	9/14/37	3730-3884	
		"	2000 "	9/28/37	3730-3914	

Results of shooting or chemical treatment: 1st treatment before was 47, after 39. Note: greatly increased gas, 2nd, before 39 bbls, after 45 bbls with 15 M gas. 3rd, before 19 bbls oil and 29 bbls water, after, 65 bbls oil, 96 bbls water.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 3914 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to production October 1, 1937
 The production of the first 24 hours was 147 barrels of fluid of which 40 % was oil, _____ % emulsion, 50 % water, and _____ % sediment. Gravity, Sp. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. E. Dubois Driller Louis Schlemeyer Driller
J. S. Luse Driller _____ Driller

FORMATION RECORD ON OTHER SITES

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it or for as can be determined from available records.

Subscribed and sworn to before me this 2nd day of November 1937 at Hobbs, New Mexico Date
 Name: [Signature]
 Position: Division Clerk
 Representing: Cities Service Oil Co.
 Company or Operator
 My Commission expires: 6/25/39 4 Address: Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	100	100	Caliche and sand
100	180	80	Sand
180	215	35	Sand and shale
215	670	455	Red Bed (Set 12 1/2" Csg. @ 245' cemented with 250 sax)
670	710	40	Sand - Hard
710	749	39	Red rock
749	845	104	Red sandy shale
845	947	102	Red bed and red rock
947	1065	118	Red rock
1065	1160	95	Red shale
1160	1240	80	Red bed and gyp
1240	1355	115	Red rock and gyp
1355	1418	65	Red bed and gyp
1418	1435	17	Red rock and gyp
1435	1540	105	Anhydrite (Set and cement 9 5/8" Csg. @ 1458 with 450 sax)
1540	1590	50	Red bed and salt
1590	2055	65	Salt and anhydrite
2055	2279	224	Salt and potash
2279	2570	291	Salt and anhydrite
2570	2600	30	Anhydrite
2600	2850	250	Salt and anhydrite
2850	2922	72	Salt, potash and anhydrite
2922	2967	45	Anhydrite and salt
2967	2991	24	Anhydrite
2991	3011	20	Anhydrite, Gyp and potash
3011	3031	20	Gyp and potash
3031	3045	14	Anhydrite
3045	3062	17	Anhydrite and gyp
3062	3079	17	Brown lime
3079	3097	18	Anhydrite
3097	3130	33	Anhydrite and lime
3130	3163	33	Anhydrite
3163	3198	35	Anhydrite and gyp
3198	3249	51	Brown lime and anhydrite
3249	3269	20	Anhydrite
3269	3419	150	Brown lime
3419	3530	111	Brown lime with sandy lime
3530	3573	43	Brown lime
3573	3600	27	Lime
3600	3615	15	Broken sandy lime
3615	3632	17	Lime
3632	3690	48	Brown lime (set 7" @ 3690' with 200 sax)
3690	3746	66	Lime
3746	3760	14	Gray Sandy Lime
3760	3774	14	Brown lime
3774	3884	110	Lime
3884	3898	14	Brown lime
3898	3912	14	Lime
3912	3914	2	Gray and pink lime, Total Depth

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO.
 30-025-23389

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.
 20895

7. Lease Name or Unit Agreement Name:
 State "H"

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
 1. Type of Well:
 Oil Well Gas Well

2. Name of Operator
 BRECK OPERATING CORP.

8. Well No.
 3

3. Address of Operator
 P.O. BOX 911, BRECKENRIDGE, TEXAS 76424

9. Pool name or Wildcat
 Eunice 7 Rivers Queen South

4. Well Location
 Unit Letter B : 330 feet from the NORTH line and 1650 feet from the EAST line
 Section 17 Township 22S Range 36E NMPM LEA County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Current status of well:
 1. 8-5/8" csg @ 328' cement circ.
 2. 4-1/2" csg @ 3850' TOC 2360'
 3. Perfs 3658'-3830' open

Plugging Procedure:
 1. Set CIBP @ 3600' w/35' cement
 2. Set 100' plug 2890'-2790' & tag
 3. Set 100' plug 1440'-1340'.
 4. Perf @ 380' & squeeze 50' in csg & 50' out of csg. & tag
 5. Set surface plug 60'-0'.

THE COMPANY SHALL BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

REC'D
 DISTRICT ENGINEER
 MARCH 5 2003

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

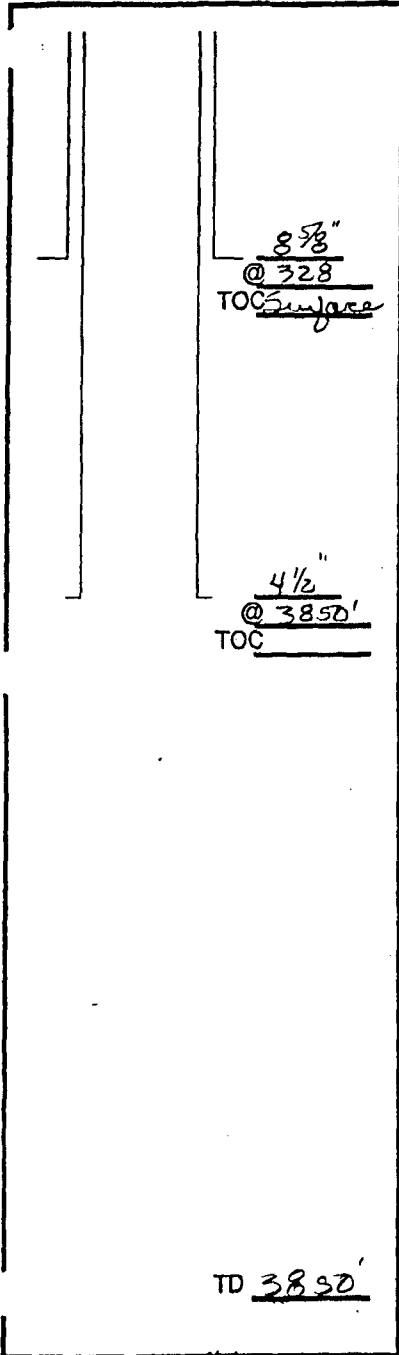
SIGNATURE Ernie Underwood TITLE DISTRICT ENGINEER DATE March 5, 2003

Type or print name ERNIE UNDERWOOD Telephone No. (254) 559-3355

(This space for State use)
 APPROVED BY GARY W. WINKLE ORIGINAL SIGNED BY GARY W. WINKLE
 Conditions of approval, if any: OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 11 2003

PLUGGING & ABANDONMENT WORKSHEET (STRING CSNG)

OPERATOR Breck Operating
 LEASENAME State H WELL # 3
 SECT 17 TWN 22S RNG 36E
 FROM 330 (N/S L) 1450 (E/W L)
 TD: 3850 FORMATION @ TD Queen
 PBTD: _____ FORMATION @ PBTD _____



	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	8 5/8	328	Surface	Calculated	
INTMED 1					
INTMED 2					
PROD	4 1/2	3850	2360	Calculated	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @		TOP - BOTTOM		
INTMED 1			PERFS	3658 - 3830	
INTMED 2			OPENHOLE	-	
PROD					

REQUIRED PLUGS DISTRICT I

RUNTLE (AMTD)	1420
YATER	3143
QUEEN	3683
GRAYBURG	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHEERY CANYON	
BRUSHY CANYON	
BONE SPRING	
FLORIDA	
BLINDESKY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
DEVORIAN	

PLUG	TYPE	SACKS	DEPTH
	PLUG	CMNT	
EXAMPLES			
PLUG #1	OH	35 SXS	6400'
PLUG #2	SHOE	50 SXS	5350'-5450'
PLUG #3	CIBP/35'		4800'
PLUG #4	CIBP	25 SXS	4800'
PLUG #5	STUB	50 SXS	3600'-3700'
PLUG #6	REINR SQZ	200 SXS	400'
PLUG #6	SURF	10 SXS	0-10'
PLUG #1	CIBP/35'		3600'
PLUG #2		40 SXS	2890 - 2790 To 9
PLUG #3		40 SXS	1440 - 1340
PLUG #4		100 SXS	380' Perty Sg
PLUG #5			50' in Out
PLUG #6	Surf	10 SXS	680' Surface
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #			
PLUG #			

TD 3850

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	WALTON

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 1-1-65

5a. Indicates Type of Lease
State: TX Fee:

5. State Oil & Gas Lease No. B-1484

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER

b. TYPE OF COMPLETION
NEW WELL WORK OVER PLUG BACK DIFF. RESVR. OTHER

2. Name of Operator: Walton Oil Company

3. Address of Operator: 3806 Republic Bank Tower Dallas, Texas

4. Location of Well: UNIT LETTER B LOCATED 330 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 17 TWP. 22S. RGE. 36E

12. County: Lea

15. Date Spudded: 10-19-69 16. Date T.D. Reached: 12-28-69 17. Date Compl. (Ready to Prod.): 1-18-70 18. Elevations (DF, RKB, RT, GR, etc.): 3598 RT 19. Elev. Surface: Lea 3588

20. Total Depth: 3850 21. Plug Back T.D.: 3830 22. If Multiple Compl., How Many: 0-3850 23. Intervals Drilled By: Rotary Tools 25. Was Directional Survey Made: No

24. Producing Interval(s), of this completion - Top, Bottom, Name: 3658-3830 Queen

26. Type Electric and Other Logs Run: Gamma-Neutron 27. Was Well Cured: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	20	328	12 1/2	250	None
4 1/2	9.5	3850	7 7/8	300	"

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD
					SIZE: <u>2</u> DEPTH SET: <u>3800</u> PACKER SET: <u></u>

31. Perforation Record (Interval, size and number): 3658-3830 18 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>3658-3830</u>	<u>2500 gal. acid, 10,000 gal. gelled water, 60,000# sand</u>

33. PRODUCTION

Date First Production: 1-18-70 Production Method: Flow Well Status: Prod.

Date of Test: <u>1-19-70</u>	Hours Tested: <u>24</u>	Choke Size: <u>3/4</u>	Prod'n. For Test Period: <u>21</u>	Oil - Bbl.: <u>21</u>	Gas - MCF: <u>252</u>	Water - Bbl.: <u>0</u>	Gas - Oil Ratio: <u>12,000</u>
Flow Tubing Press.: <u>90</u>	Casing Pressure: <u>320</u>	Calculated 24-Hour Rate: <u>21</u>	Oil - Bbl.: <u>21</u>	Gas - MCF: <u>252</u>	Water - Bbl.: <u>0</u>	Oil Gravity - API (Corr.): <u>32</u>	

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented Test Witnessed By: H.G. Freedman

35. List of Attachments:

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED: H.G. Freedman TITLE: Prod. Eng. DATE: 1-20-70

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 110.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>1120</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>2290</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>2870</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3143</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3350</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3683</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	298	298	sand, redbeds				
298	1120	1122	red beds				
1120	2290	870	anhy salt				
2290	2870	580	salt				
2870	3143	270	anhy & lime				
3143	3683	540	anhy, lime & dol				
3683	3850	167	sand & dol. T.D.				

Attachment F:

Supplemental Data for C-108, Section VII - Geology

Supplement to Section VII: Geology

Geolex, Inc. (Geolex) has conducted a geologic analysis of relevant formations under and around Petrohawk's proposed project area. The proposed project is located in the Sections 8 and 9, T 22S, R 36E, in southeastern Lea County, New Mexico. Geologic analyses were concentrated in an area comprised of a one-mile radius around the proposed site (study area) in order to describe the suitability of the formations in this area for injection. All wells in the plant area were plotted, and formation tops established, based on operator reports and knowledge of the area. Since the proposed project is limited to the Queen Formation, this evaluation did not examine deeper formations (deeper than approximately 4000 feet below the surface), except to the extent necessary to evaluate the suitability of the Queen for waterflooding as a closed system.

The local stratigraphy in the section of interest consists of the Artesia Group, including the Tansil, Yates, Seven Rivers, Queen and Grayburg Formations. The Artesia Group is a sequence of carbonates, evaporites, sandstones, siltstones, and shales that was deposited on the back-reef shelves of the Permian Basin of Texas and New Mexico during late Permian (Guadalupian) time.

Above the Artesia Group lie the halite-rich beds of the Salado Formation, overlain in turn by the sands and rebeds of the Rustler Formation.

The Salado is of importance as a regional, relatively impermeable seal overlying the locally porous and permeable reservoirs in the Artesia Group. As seen in Figure 1, the Salado lies approximately 1600 to 1700 feet below the surface, at an elevation of approximately 1900 feet above sea level. The thickness of the Salado is approximately 1500 feet in the study area (Figure 2).

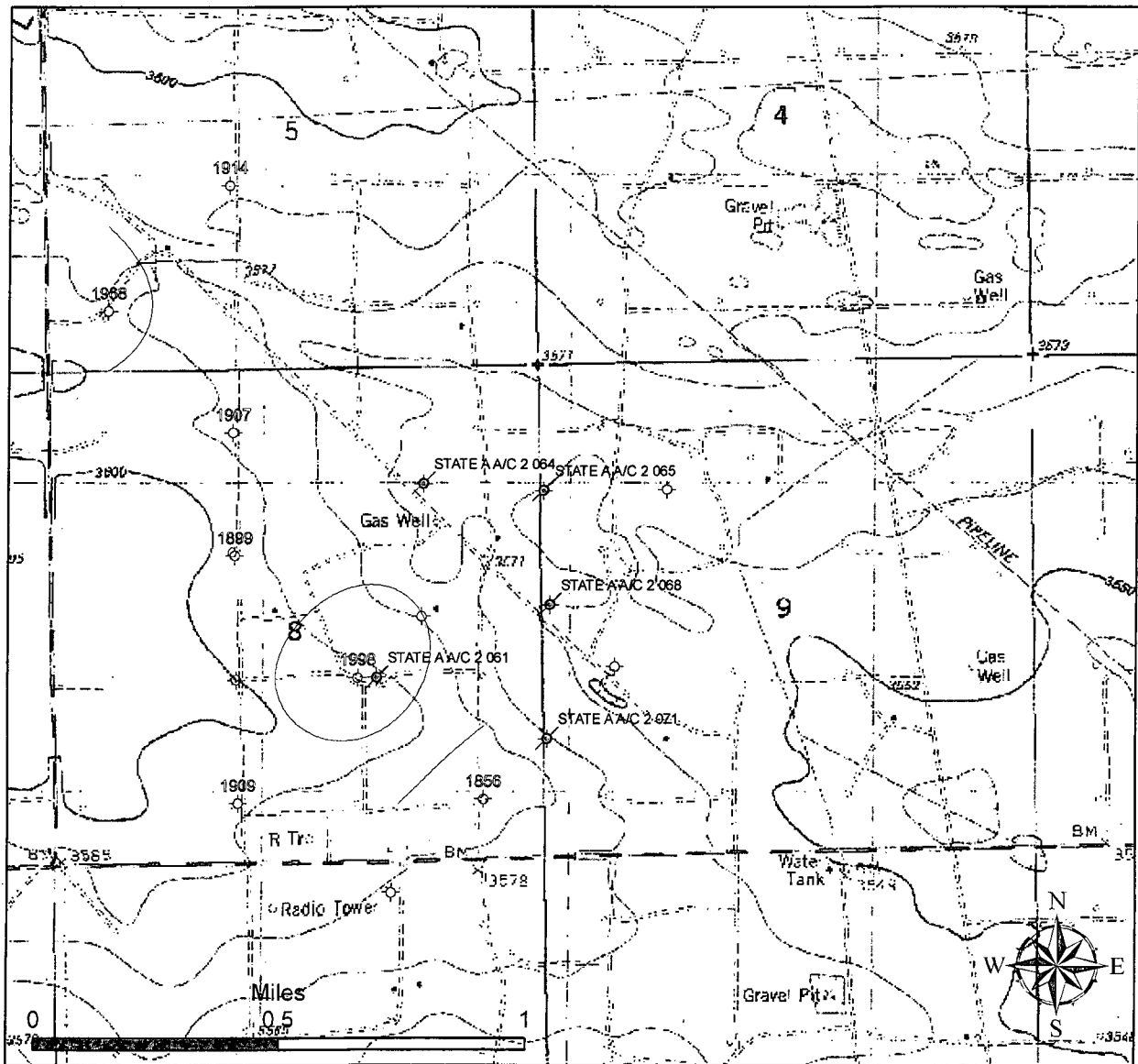
The Tansil and Yates Formations are approximately 200 feet in total thickness between the Salado salt and the Seven Rivers and Queen Formations.

The Permian (Guadalupian) Queen Formation is of a complex suite of siliciclastics, carbonates, and evaporites deposited within and marginal to the Permian Basin. Sediment deposition is aggradational and indicative of a Middle Permian highstand. Vertical facies changes are probably the combined result of uninhibited lateral shifting of channels and high frequency base-level changes. The Queen Formation contains two reservoir types; (1) siliciclastic reservoirs capped by evaporites and (2) layer-cake carbonate reservoirs. In the underlying Grayburg Formation, evaporites, supratidal carbonates, and low permeability siltstones provide the seal for the reservoir. These changes have resulted in areas discretely-separated zones of good porosity and permeability in the Queen, sealed by evaporites and clastics.

The geometry of the porous and relatively non-porous zones in the Queen Formation is seen in cross-section Figure 3. The log sections show that the porous zones are closed by overlying and underlying beds.


There are no significant mapped faults in the area which penetrate the overlying salt in the study area.

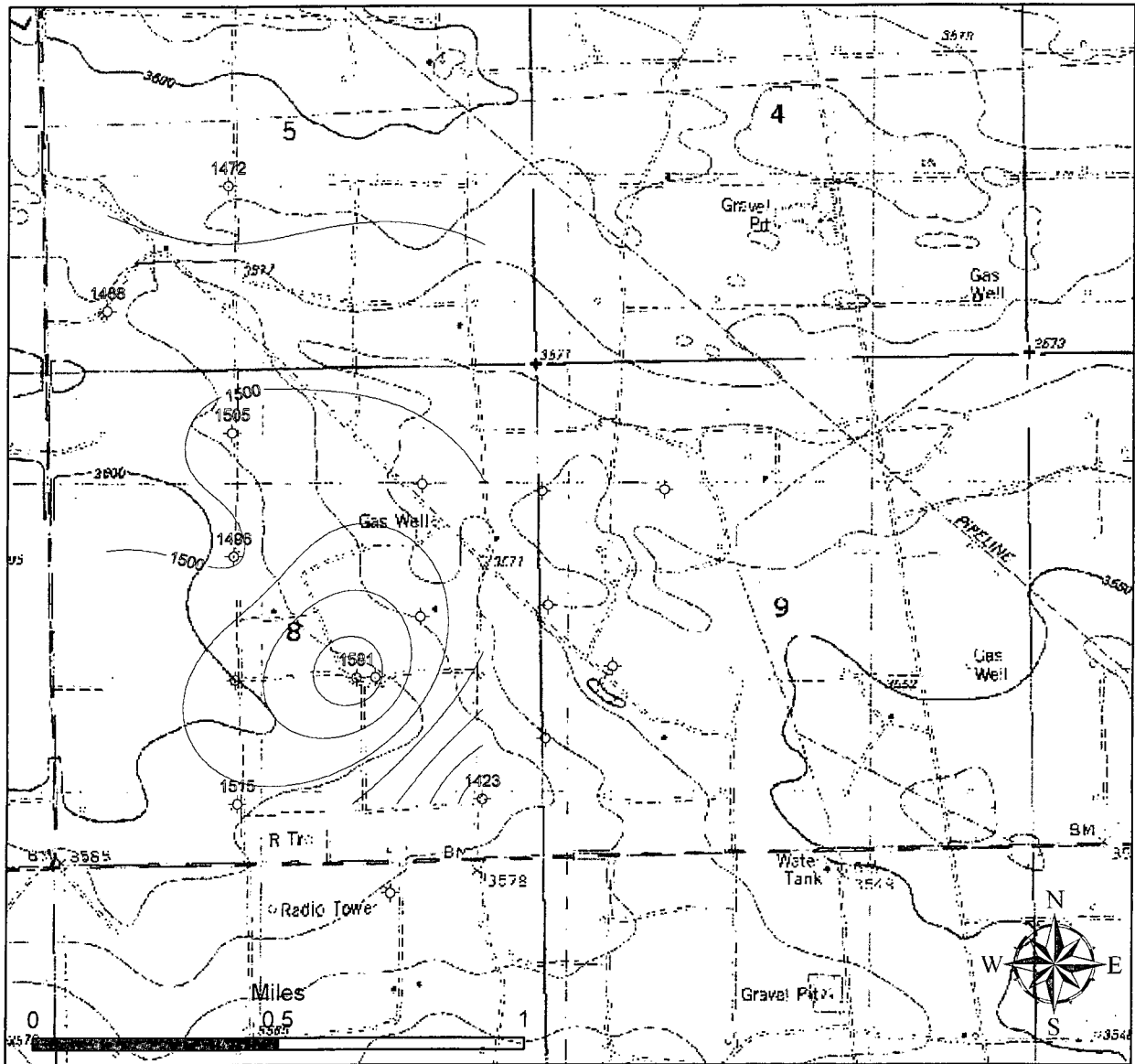
The presence of a massive and regional salt seal, a thick and porous injection zone, and the absence of any complicating structures makes the Queen Formation a closed system, suitable for the proposed project.



Sections 4, 5, 8 and 9, T22s, R36E

**Attachment F - Figure 1:
Elevations of Salt in Vicinity of Petrohawk Project**

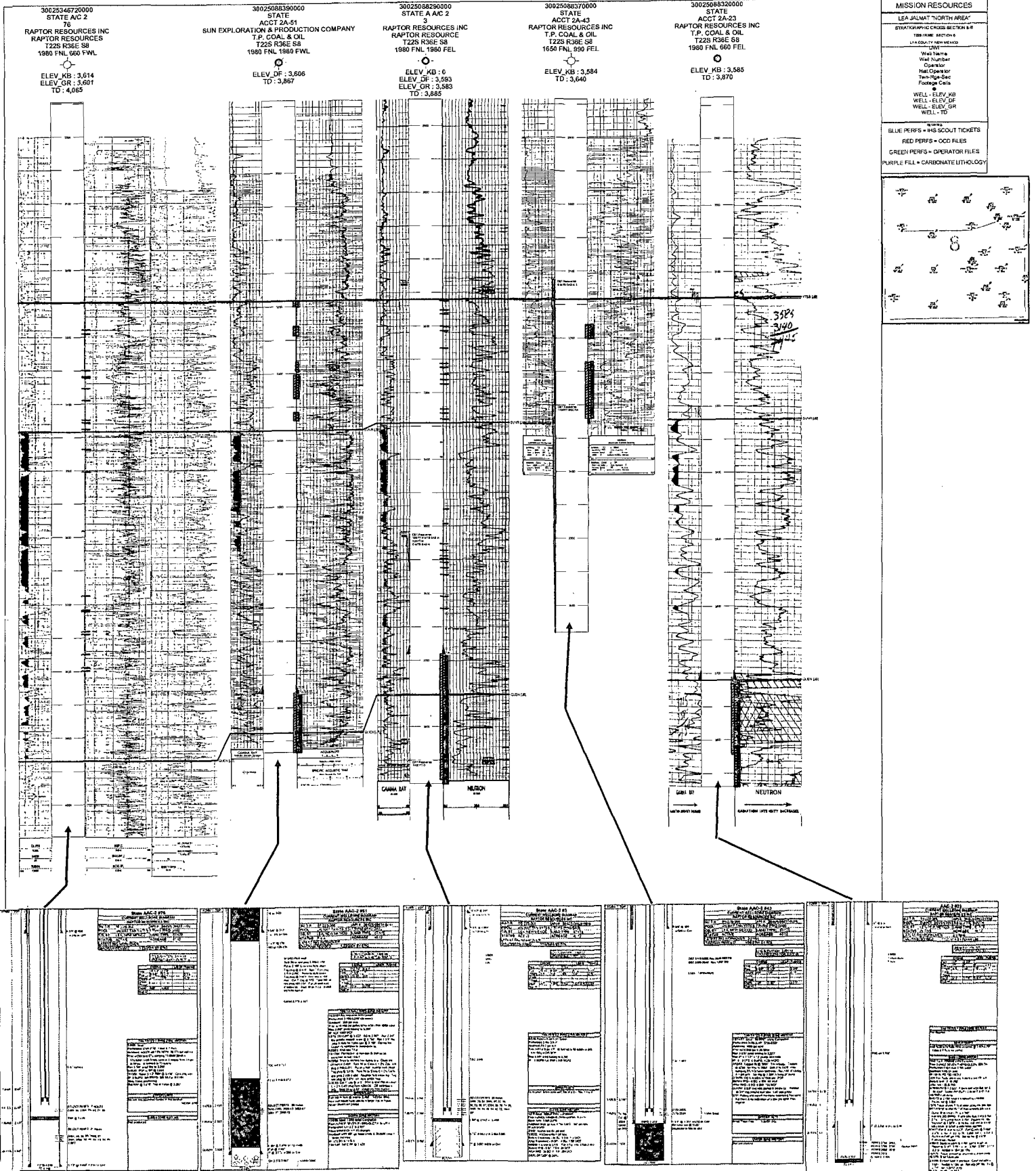
 Proposed Waterflood Wells



Sections 4, 5, 8, 9, 16 and 17; T22S, R36E

**Attachment F - Figure 2:
Thickness of Salt in Vicinity of Petrohawk Project**

Figure 3 – East-West Cross Section on North Side of Section 8, T22S, R36E



Attachment G:

Supplemental Data for C-108, Section VII – Injection Fluid Analyses

P.O. BOX 98
MIDLAND, TX. 79702
PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819

RESULT OF WATER ANALYSES

TO: Mr. Jim McCright LABORATORY NO. 207-41
4305 North Garfield, Suite 214, Midland, TX 79705 SAMPLE RECEIVED 1-31-07
RESULTS REPORTED 2-2-07

COMPANY Petrohawk LEASE State "A"

FIELD OR POOL _____
SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 ACC 1.
NO. 2 ACC 2.
NO. 3 _____
NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0070	1.0340		
pH When Sampled				
pH When Received	6.68	7.36		
Bicarbonate as HCO ₃	1,281	1,159		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	2,880	14,700		
Calcium as Ca	896	3,120		
Magnesium as Mg	156	1,677		
Sodium and/or Potassium	2,601	12,507		
Sulfate as SO ₄	649	850		
Chloride as Cl	4,829	28,408		
Iron as Fe	5.7	61.8		
Barium as Ba	0	0		
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	10,412	47,721		
Temperature °F.				
Carbon Dioxide, Calculated	525	95		
Dissolved Oxygen				
Hydrogen Sulfide	424	0.0		
Resistivity, ohms/cm at 77° F.	0.620	0.166		
Suspended Oil				
Corrosiveness	None	None		
Barium Sulfate Scaling Tendency	None	None		
CaCO ₃ S.I. @ 77° F. (Stiff-Davis)	0.56	1.12		
CaCO ₃ S.I. @ 122° F. (Stiff-Davis)	1.15	1.72		
Calcium Sulfate Scaling Tendency	None	None		
Results Reported As Milligrams Per Liter				
Additional Determinations And Remarks				
CaCO ₃ S.I. - A positive fig. signifies a scaling potential proportionate to the magnitude of the number, and a negative fig. signifies no scaling potential.				
Each water was analyzed individually and then hypothetically combined in various proportions to determine the compatability of the two waters. The combination would not be expected to result in barium sulfate or calcium sulfate scaling potential. However, each individual water shows a calcium carbonate scaling tendency and a combination would also likely show this tendency. Another area of concern when mixing these waters would be the hydrogen sulfide in the ACC #1 and the iron in ACC #2 would precipitate iron sulfide. However, this precipitate would be limited by the amount of iron present. No other conditions of concern are seen regarding the combining of these waters.				

Form No. 3

By Greg Ogden

Greg Ogden, B.S.

Attachment H:

Supplemental Data for C-108, Section VII – Formation Fluid Analyses

P.O. BOX 98
MIDLAND, TX. 79702
PHONE (432) 683-4521

Martin Water Laboratories, Inc.

709 W. INDIANA
MIDLAND, TEXAS 79701
FAX (432) 682-8819

RESULT OF WATER ANALYSES

TO: Mr. Jim McCright LABORATORY NO. 207-41
4305 North Garfield, Suite 214, Midland, TX 79705 SAMPLE RECEIVED 1-31-07
RESULTS REPORTED 2-2-07

COMPANY Petrohawk LEASE State "A"

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 ACC 1.
NO. 2 ACC 2.
NO. 3 _____
NO. 4 _____

REMARKS: _____

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0070	1.0340		
pH When Sampled				
pH When Received	6.68	7.36		
Bicarbonate as HCO ₃	1,281	1,159		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	2,880	14,700		
Calcium as Ca	896	3,120		
Magnesium as Mg	156	1,677		
Sodium and/or Potassium	2,601	12,507		
Sulfate as SO ₄	649	850		
Chloride as Cl	4,829	28,408		
Iron as Fe	5.7	61.8		
Barium as Ba	0	0		
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	10,412	47,721		
Temperature °F.				
Carbon Dioxide, Calculated	525	95		
Dissolved Oxygen,				
Hydrogen Sulfide	424	0.0		
Resistivity, ohm/cm at 77° F.	0.620	0.166		
Suspended Oil				
Corrosiveness	None	None		
Barium Sulfate Scaling Tendency	None	None		
CaCO ₃ S.I. @ 77° F. (Stiff-Davis)	0.56	1.12		
CaCO ₃ S.I. @ 122° F. (Stiff-Davis)	1.15	1.72		
Calcium Sulfate Scaling Tendency	None	None		

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks

CaCO₃ S.I. - A positive fig. signifies a scaling potential proportionate to the magnitude of the number, and a negative fig. signifies no scaling potential.

Each water was analyzed individually and then hypothetically combined in various proportions to determine the compatibility of the two waters. The combination would not be expected to result in barium sulfate or calcium sulfate scaling potential.

However, each individual water shows a calcium carbonate scaling tendency and a combination would also likely show this tendency. Another area of concern when mixing these waters would be the hydrogen sulfide in the ACC #1 and the iron in ACC #2 would precipitate iron sulfide. However, this precipitate would be limited by the amount of iron present. No other conditions of concern are seen regarding the combining of these waters.

Form No. 3

By 

Greg Ogden, B.S.

Appendix I:

Supplemental Data for Section VIII: Local Groundwater Analyses

TABLE 3. CHEMICAL ANALYSES OF WATER FROM WELLS IN SOUTHERN LEA COUNTY, N. MEN. (continued)

Sample	Location number	Date of collection	Geologic source	Depth (ft)	Silica (SiO ₂)	Calcium (Ca)	Magnesium (Mg)	Sodium plus potassium (Na+K)	Bicarbonate (HCO ₃)	Carbonate (CO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Fluoride (F)	Nitrate (NO ₃)	Dis-solved solids (sum)	Hardness as CaCO ₃ Calcium, Magnesium	Percent sodium	Specific conductance (micro-mhos at 25°C)	pH
32	21.38.6.133a	12-7-53	Qal	90?	-	-	-	-	284	0	188	174	-	25	-	-	-	1,360	-
									<u>4.95</u>		<u>3.91</u>	<u>4.91</u>		<u>.10</u>					
33	21.38.6.133a	9-9-58	Qal	90?	-	-	-	-	257	0	182	156	-	-	-	460	-	1,250	7.4
						<u>9.20</u>			<u>4.21</u>		<u>3.79</u>	<u>4.40</u>							
34	21.38.6.133b	12-7-53	Qal	108	-	-	-	-	253	0	119	105	-	18	-	-	-	977	-
									<u>4.15</u>		<u>2.48</u>	<u>3.96</u>		<u>.29</u>					
35	21.38.6.133b	9-9-58	Qal	108	-	-	-	-	223	0	213	340	-	-	-	710	-	1,780	7.5
						<u>14.20</u>			<u>3.65</u>		<u>4.45</u>	<u>9.59</u>							
36	22.36.1.333	11-12-53	To	150	59	266	173	783	522	0	201	1,750	0.7	2.4	1,500	1,400	55	6,170	-
						<u>19.27</u>	<u>14.64</u>	<u>34.23</u>	<u>8.55</u>		<u>4.18</u>	<u>49.36</u>	<u>.04</u>	<u>.04</u>					
37	22.36.2.444	4-22-55	-	-	-	-	-	-	234	0	333	205	-	-	-	-	-	1,590	7.5
									<u>3.83</u>		<u>6.93</u>	<u>5.78</u>							
38	22.36.2.444	9-9-58	-	-	-	-	-	-	258	0	319	415	-	-	-	570	-	2,200	7.3
						<u>11.40</u>			<u>4.23</u>		<u>6.64</u>	<u>11.70</u>							
39	22.36.3.443	7-23-53	Tr	1,000	-	18	6	425	477	-	340	200	-	-	-	-	-	-	-
						<u>.92</u>	<u>.50</u>	<u>18.49</u>	<u>7.82</u>		<u>6.80</u>	<u>5.64</u>							
40	22.36.11.224	7-31-54	To	120+	-	-	-	-	214	0	226	110	-	-	-	-	-	1,100	-
									<u>3.51</u>		<u>4.71</u>	<u>3.10</u>							
41	22.36.11.224	4-22-55	To	120+	-	-	-	-	221	0	217	106	-	-	-	315	-	1,090	7.5
						<u>6.30</u>			<u>3.62</u>		<u>4.52</u>	<u>2.99</u>							
42	22.36.11.224	9-9-58	To	120+	-	-	-	-	206	0	212	110	-	-	-	260	-	1,050	7.6
						<u>5.20</u>			<u>3.38</u>		<u>4.41</u>	<u>3.10</u>							
43	22.37.1.440	10-14-53	Qal	-	74	222	107	375	189	0	841	525	3.1	38	2,280	994	45	3,330	-
						<u>11.08</u>	<u>8.80</u>	<u>16.31</u>	<u>3.10</u>		<u>17.51</u>	<u>14.81</u>	<u>.16</u>	<u>.61</u>					
44	22.37.1.440	9-3-58	Qal	-	-	-	-	-	211	0	448	320	-	-	-	580	-	2,180	7.5
						<u>11.80</u>			<u>3.46</u>		<u>9.33</u>	<u>9.02</u>							
45	22.37.24.133b	10-14-53	Qal	80	82	218	131	254	187	0	482	675	2.5	26	1,960	1,080	34	3,200	-
						<u>10.88</u>	<u>10.77</u>	<u>11.05</u>	<u>3.06</u>		<u>10.03</u>	<u>19.04</u>	<u>.13</u>	<u>.42</u>					

GROUND-WATER REPORT 6

Geology and Ground-Water
Conditions in Southern
Lea County, New Mexico

by ALEXANDER NICHOLSON, Jr.
and ALFRED CLEBSCH, JR.

UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
New Mexico Institute of Mining and Technology,
State Bureau of Mines and Mineral Resources Division
and the New Mexico State Engineer

1961

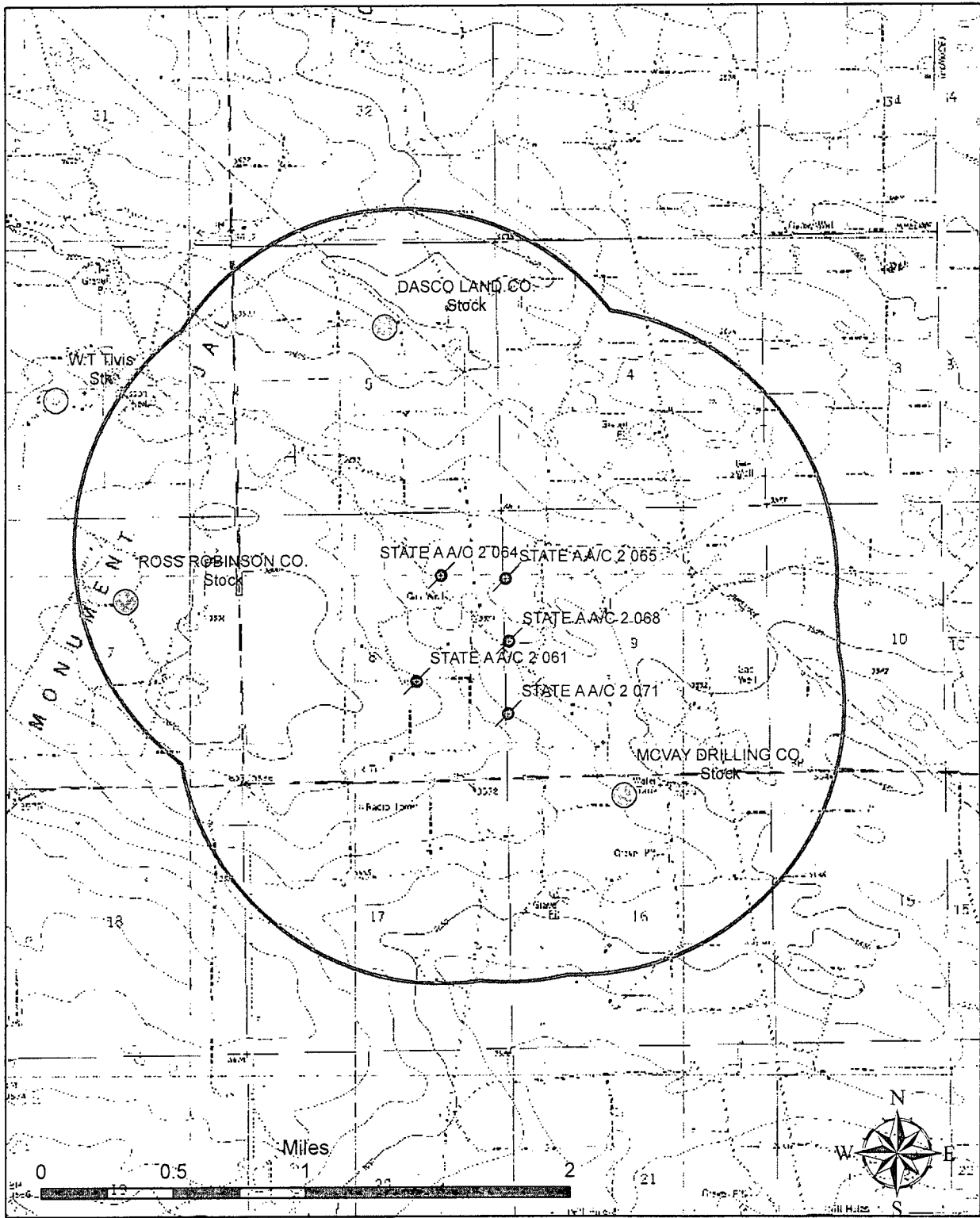
STATE BUREAU OF MINES AND MINERAL RESOURCES
NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY
CAMPUS STATION SOCORRO, NEW MEXICO

Appendix J:

Supplemental Data for C-108, Section XI: Water Wells

New Mexico State Engineer's Data on Wells in Vicinity of Proposed Project

DB File Number	Use	Diversion	Owner	UTM North	Date	Tws.	Rng.	Sec.	UTM East	Well Depth	Depth to Water
CP469	STK	3	W.T Tivis	3588039	2/7/1969	22S	36E	6	659183	220	195
CP476	STK	0	ROSS ROBINSON CO.	3586836		22S	36E	7	659607		
CP727	STK	3	DASCO LAND CO.	3588466	4/26/1988	22S	36E	5	661185	228	
CP70	STK	3	MCVAY DRILLING CO.	3585670	10/5/1972	22S	36E	16	662643	220	170



Sections 4, 5, 8, 9, 16 and 17; T2S R36E

**Appendix J:
Locations of Water Wells Within One Mile of Proposed Waterflood Wells**

- Water Well
- One Mile Radii From Waterflood Wells
- Proposed Waterflood Wells

Appendix K:

Supplemental Data for C-108, Section XIII: Return Receipt from Notice
Letters

7005 3110 0002 3141 8385

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

SPRING TX 77380		OFFICIAL USE	
Postage	\$ 0.39	0129	
Certified Fee	\$2.40	10	Postmark Here
Return Receipt Fee (Endorsement Required)	\$1.85		
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 4.64	02/12/2007	USPS

Sent To Plantation Operating LLC
Street, Apt. No., or PO Box No. 2203 Timberloch Pl. # 229
City, State, ZIP+4 The Woodlands TX 77380

PS Form 3800, June 2002 See Reverse for Instructions

7005 3110 0002 3141 8392

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

MIDLAND TX 79701		OFFICIAL USE	
Postage	\$ 0.39	0129	
Certified Fee	\$2.40	10	Postmark Here
Return Receipt Fee (Endorsement Required)	\$1.85		
Restricted Delivery Fee (Endorsement Required)	\$0.00	FEB 12 2007	
Total Postage & Fees	\$ 4.64	02/12/2007	USPS

Sent To XTO Energy Inc
Street, Apt. No., or PO Box No. 200 N. Lorraine # 800
City, State, ZIP+4 Midland TX 79701

PS Form 3800, June 2002 See Reverse for Instructions

7005 3110 0002 3141 4523

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

MIDLAND TX 79701		OFFICIAL USE	
Postage	\$ 0.39	0129	
Certified Fee	\$2.40	10	Postmark Here
Return Receipt Fee (Endorsement Required)	\$1.85	FEB 12 2007	
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 4.64	02/12/2007	USPS

Sent To Doyle Hartman Co.
Street, Apt. No., or PO Box No. 500 Main St.
City, State, ZIP+4 Midland TX 79701

PS Form 3800, June 2002 See Reverse for Instructions

7005 3110 0002 3141 8378

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

SANTA FE NM 87501		OFFICIAL USE	
Postage	\$ 0.39	0129	
Certified Fee	\$2.40	10	Postmark Here
Return Receipt Fee (Endorsement Required)	\$1.85		
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 4.64	02/12/2007	USPS

Sent To Nm State Land Office
Street, Apt. No., or PO Box No. 310 Old Santa Fe Trail
City, State, ZIP+4 Santa Fe NM 87501

PS Form 3800, June 2002 See Reverse for Instructions

7005 3110 0002 3141 8361

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

ARTESIA NM 88211-1569		OFFICIAL USE	
Postage	\$ 0.39	0129	
Certified Fee	\$2.40	10	Postmark Here
Return Receipt Fee (Endorsement Required)	\$1.85	FEB 12 2007	
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 4.64	02/12/2007	USPS 87102

Sent To Finney Oil Co.
Street, Apt. No., or PO Box No. Po Box 1569
City, State, ZIP+4 Artesia NM 88211-1569

PS Form 3800, June 2002 See Reverse for Instructions

7005 3110 0002 3141 4516

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

MIDLAND TX 79705		OFFICIAL USE	
Postage	\$ 0.39	0129	
Certified Fee	\$2.40	10	Postmark Here
Return Receipt Fee (Endorsement Required)	\$1.85	FEB 12 2007	
Restricted Delivery Fee (Endorsement Required)	\$0.00		
Total Postage & Fees	\$ 4.64	02/12/2007	USPS 37102

Sent To Clayton Williams Energy, Inc
Street, Apt. No., or PO Box No. 6 Dests Dr. # 3000
City, State, ZIP+4 Midland TX 79705

PS Form 3800, June 2002 See Reverse for Instructions

7005 3110 0002 3141 4493

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only - No Insurance Coverage Provided)

BRECKENRIDGE TX 76424-1911	
Postage	\$ 0.39
Certified Fee	\$ 2.40
Return Receipt Fee (Endorsement Required)	\$ 1.85
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 4.64

Sent To Breck Operating Co.
 Street, Apt. No., or PO Box No. PO Box 911
 City, State, ZIP+4 Breckenridge TX 76424-0911

7005 3110 0002 3141 4486

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only - No Insurance Coverage Provided)

TULSA OK 74103	
Postage	\$ 0.39
Certified Fee	\$ 2.40
Return Receipt Fee (Endorsement Required)	\$ 1.85
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 4.64

Sent To Cimerax Energy Corp.
 Street, Apt. No., or PO Box No. 15 E 5th St #1000
 City, State, ZIP+4 Tulsa OK 74103

7005 3110 0002 3141 4479

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only - No Insurance Coverage Provided)

TULSA OK 74121	
Postage	\$ 0.39
Certified Fee	\$ 2.40
Return Receipt Fee (Endorsement Required)	\$ 1.85
Restricted Delivery Fee (Endorsement Required)	\$ 0.00
Total Postage & Fees	\$ 4.64

Sent To BP America Prod. Co.
 Street, Apt. No., or PO Box No. PO Box 22048
 City, State, ZIP+4 Tulsa OK 74121