

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-10639	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____			
b. TYPE OF COMPLETION		8. Farm or Lease Name	
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____		Lovington Deep Amoco Stat	
2. Name of Operator		9. Well No.	
Mobil Producing TX & NM Inc.		2	
3. Address of Operator		10. Field and Pool, or Wildcat	
9 Greenway Plaza, Suite 2700, Houston, TX 77046		South Shoe Bar-Devonian	
4. Location of Well		11. County	
UNIT LETTER <u>L</u> LOCATED <u>1830</u> FEET FROM THE <u>South</u> LINE AND <u>510</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>6</u> TWP. <u>17-S</u> RGE. <u>36-E</u> N.M.P.M.		<u>Lea</u>	
15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (L.F., RKB, RT, CR, etc.)
2-7-87	3-14-87	4-22-87	KB-3949, DF-3948
19. Elev. Casinghead			
3929			
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By
12742	12730		Rotary Tools ☒ Cable Tools _____
24. Producing Interval(s), of this completion - Top, Bottom, Name			25. Was Directional Survey Made
Devonian Formation 12664-12668, 12678-12683, 12695-12702, 12708-12714			No
26. Type Electric and Other Logs Run			27. Was Well Cored
Phasor Induction Log, Compensated Neutron-Litho Density, DLL/MSL/DIL-SFL,			Yes
28. Borehole Compensated Sonic CASING RECORD (Report oil strings set in well)			
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13 3/8	48	450	17 1/2
9 5/8	36	5150	12 1/4
5 1/2	17	12740	8 3/4
CEMENTING RECORD			
450 sx C1-C			
2800 sx C1-C			
2825 sx C1-H			
AMOUNT PULLED			
Circ. 160 X			
Circ. 289 X			
Circ. 100 X			
29. LINER RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT
30. TUBING RECORD			
SIZE	DEPTH SET	PACKER SET	
2 3/8	10024	10024	
31. Perforation Record (Interval, size and number)			
Perf Devonian form. 12664-12668, 12678-12683 W/4 JSPF (38 holes)			
Perf Devonian Form. 12695-12702, 12708-12714 W/4 JSPF (54 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
12664-12683		Aczd W/2000 gal 15% HCL + 20	
" "		Aczd W/3000 gal 20% HCL + 76 "	
12695-12714		Aczd W/1600 gal 15% HCL	
33. PRODUCTION			
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)
4-8-87	2" 9A Jet Pump		Producing
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
4-29-87	24		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio
			231 31 62 134
34. Disposition of Gas (Sold, used for fuel, vented, etc.)			Test Witnessed By
Sold			D. R. Seale
35. List of Attachments			
logs, inclination & 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 <u>Gladys M. Suter</u>		TITLE <u>Authorized Agent</u>	
DATE <u>5-5-87</u>			

This form is to be filed with the appropriate District Office of the Division not later than 10 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 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. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn 11168	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka 11260	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 3118	T. Miss 11758	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian 12659	T. Menefee _____	T. Madison _____
T. Queen 4032	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4762	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta 6167	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 7585	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 8245	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9364	T. Rustler 1976	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow 11471	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Chester 11659	T. Penn. "A" _____	T. _____
Woodford 12503			

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
1976	3118	1142	Anhydrite				
3118	4032	914	Sand	11659	11758	99	Limestone-Shale-Sand
4032	4762	730	Sand-Limestone	11758	12503	745	Limestone-Shale-Sand
4762	6167	1405	Dolomite	12503	12659	156	Shale
6167	7585	1418	Sand-Limestone	12659	12742	83	Carbonate
7585	8245	660	Sand-Shale-Dolomite				
8245	9364	1119	Shale-Dolomite				
9364	11168	1804	Dolomite-Limestone-Shale				
11168	11260	92	Limestone-Shale-Sand				
11260	11471	211	" " "				
11471	11659	188	" " "				

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HOBBS OFFICE

WELL NAME AND NUMBER Lovington Deep Amoco State #2
LOCATION Sec. 6, T17S, R36E, Lea County, N.M.
OPERATOR Mobil Producing Texas & New Mexico, Inc., 9 Greenway Plaza, Suite 2700, Houston, Tx. 77046
DRILLING CONTRACTOR TMER/SHARP Drlg., Inc., P. O. Drawer 10970, Midland, Tx. 79702-7970

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>0.75 233</u>	<u>0.50 5140</u>	<u>1.75 11470</u>
<u>0.25 450</u>	<u>0.50 5644</u>	<u>1.50 11800</u>
<u>1.00 900</u>	<u>1.25 6145</u>	<u>1.50 12085</u>
<u>1.00 1500</u>	<u>0.50 6578</u>	<u>1.25 12270</u>
<u>0.75 2000</u>	<u>0.25 7060</u>	<u>2.50 12725</u>
<u>1.00 2500</u>	<u>0.50 7510</u>	
<u>1.25 2690</u>	<u>0.75 8012</u>	
<u>2.25 3243</u>	<u>0.50 8360</u>	
<u>3.00 3460</u>	<u>0.75 8823</u>	
<u>2.25 3659</u>	<u>0.75 9060</u>	
<u>1.50 3774</u>	<u>1.00 9567</u>	
<u>1.25 3930</u>	<u>0.75 9835</u>	
<u>0.75 4175</u>	<u>0.25 10315</u>	
<u>1.00 4608</u>	<u>2.00 10720</u>	
<u>0.75 4708</u>	<u>1.50 10935</u>	

Drilling Contractor TMER/SHARP Drlg., Inc.

By Grady Trotter
Grady Trotter, Drlg. Engr.

Subscribed and sworn to before me this 19th day of March, 1987

Carole J. Packer
Notary Public

Commission expires: 11-4-89

Midland County Texas