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LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-84

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-5187

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
State "17"

2. Name of Operator
Pennzoil Company

9. Well No.
2

3. Address of Operator
P. O. Drawer 1828, Midland, Texas 79702-1828

10. Field and Pool, or Wildcat
Lovington, N.E. (Strawn)

4. Location of Well
UNIT LETTER L LOCATED 1400 FEET FROM THE South LINE AND 660 FEET FROM
THE West LINE OF SEC. 17 TWP. 16-S RGE. 37-E

12. County
Lea

15. Date Spudded 1-10-86 16. Date T.D. Reached 2-9-86 17. Date Compl. (Ready to Prod.) 2-24-86 18. Elevations (DF, KKB, RT, GR, etc.) 3844 GL, 3862 KB 19. Elev. Casinghead

20. Total Depth 11,625' 21. Plug Back T.D. 11,556' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools
0'-TD

24. Producing Interval(s), of this completion - Top, Bottom, Name
11,359-11,414' Strawn

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
DLL/MLL, CDL/CNL, BHCL

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
13-3/8	48	425	17-1/2	420 SX	
8-5/8	28	4,193	11	1,370 SX	
5-1/2	17	11,613	7-7/8	900 SX	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8	11,266	11,266

31. Perforation Record (Interval, size and number)
11,359-376; 11,384-392; 11,395-397;
11,403-404; 11,412-414; (1 JSPF; 35 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
11,359-11,414' 500 gals. 15% NEFE acid.

33. PRODUCTION
Date First Production 2-24-86 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Producing

Date of Test 2-26-86	Hours Tested 24	Choke Size 36/64"	Prod'n. For Test Period →	Oil - Bbl. 386	Gas - MCF 700	Water - Bbl. 43	Gas - Oil Ratio 1813
Flow Tubing Press. 200	Casing Pressure Pkr.	Calculated 24-Hour Rate →	Oil - Bbl. 386	Gas - MCF 700	Water - Bbl. 43	Oil Gravity - API (Corr.) 45°	

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

Test Witnessed By
Gene Atkins

35. List of Attachments
Logs, Deviation Survey, DST Summary

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

Edmund P. Rodriguez

TITLE

Adv. Engr. Tech

DATE

3/7/86

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, 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 <u>2137</u>	T. Canyon <u>10,948</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11,285</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,535</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>3267</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>5016</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>6413</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>7727</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>8441</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9600</u>	T. <u>Clearfork</u> <u>7080</u>	T. Chinle _____	T. _____
T. Penn. <u>10,750</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough 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	2137	2137	Redbeds				
2137	3267	1130	Anhydrite, Dolomite, Red Shale				
3267	3460	193	Shale & Silt				
3460	7727	4267	Dolomite & Shale				
7727	7920	193	Silt & Dolomite				
7920	9760	1840	Dolomite				
9760	10,948	1188	Limestone & Shale				
10,948	11,285	337	Shale & Lime				
11,285	11,500	215	Limestone				
11,500	11,625	125	Sand & Shale				

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HOBBS OFFICE

WELL NAME AND NUMBER Rig #8 State 17 #2

LOCATION Section 17, T16S, R37E Lea County
 (Give Unit, Section, Township and Range)

PENNZOIL

FEB 24 1986

OPERATOR Pennzoil Company

MIDLAND

DRILLING CONTRACTOR McVay Drilling Company

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>1/4</u> <u>130</u>	<u>1</u> <u>7,662</u>	<u> </u>
<u>3/4</u> <u>286</u>	<u>1</u> <u>8,165</u>	<u> </u>
<u>1/2</u> <u>420</u>	<u>3/4</u> <u>8,667</u>	<u> </u>
<u>1/2</u> <u>817</u>	<u>1/2</u> <u>9,171</u>	<u> </u>
<u>1/2</u> <u>1,305</u>	<u>2 1/2</u> <u>9,392</u>	<u> </u>
<u>1</u> <u>1,806</u>	<u>1 1/4</u> <u>9,864</u>	<u> </u>
<u>1/2</u> <u>2,054</u>	<u>1/2</u> <u>10,113</u>	<u> </u>
<u>1/2</u> <u>2,549</u>	<u>3/4</u> <u>10,615</u>	<u> </u>
<u>3/4</u> <u>2,958</u>	<u>1/2</u> <u>11,110</u>	<u> </u>
<u>1 1/4</u> <u>3,240</u>	<u>1 1/4</u> <u>11,364</u>	<u> </u>
<u>3/4</u> <u>3,398</u>	<u>1-3/4</u> <u>11,675</u>	<u> </u>
<u>3/4</u> <u>3,901</u>	<u> </u>	<u> </u>
<u>3/4</u> <u>6,152</u>	<u> </u>	<u> </u>
<u>3/4</u> <u>6,655</u>	<u> </u>	<u> </u>
<u>1</u> <u>7,159</u>	<u> </u>	<u> </u>

Drilling Contractor McVay Drilling Company

By:

Subscribed and sworn to before me this 21 day of February, 1986

Notary Public

My Commision Expires Dec 27, 1987

Lea County New Mexico

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MAR 10 1986
C.C.D.
HOBBS OFFICE

°STATE "17" #2

DW NEW MEXICO LEA N. E. LOVINGTON W.I. 26.4558%

PROJ TD: 11,600'

CSG: 13-3/8" @ 425'; 8-5/8" @ 4193'

02-08-86 Drlg @ 11,561' Lm 61'/24 hrs

MW 9.3 V 31 WL 4 Ph 10+ CL 95,000

2-1/2 Hrs FTIH w/Howco DST tool.

5-1/2 Hrs RU & ran DST #1 (11,320-11,500').

5" pre-flow w/very weak blow.

60" ISI, 60" FF w/max FTP of 123

psi & no GTS, 180" FSI.

3/4 Hr Jar & work anchor pipe free.

5-1/2 Hrs POH & lay down DST tool. Top gauge
@ 11,304, IHP 5521, IFP no reading,
ISIP no reading, FFP 229#, FSIP 2332,
FHP 5521. Btm gauge @ 11,497, IHP
6074, IFP no reading, ISIP no reading,
FFP 337, FSIP 2427, FHP 6074. Rec 540'
(2-1/2 bbls mud w/trace oil f/drill
string). Sampler rec 1925 cc mud, 50
cc oil & .133 cf gas @ 110 psi.
Sampler GOR 422 - BHT @ 11,496 was 176°.

3-3/4 Hrs TIH w/bit #12.

6 Hrs Drlg @ 11,500-561'.