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Form C-105  
Revised 11-1-88

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

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____ b. TYPE OF COMPLETION NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. Farm or Lease Name M. H. MEDLIN	

2. Name of Operator Pennzoil Exploration and Production Company		9. Well No. 1	
3. Address of Operator P. O. Drawer 1828 - Midland, Texas 79702-1828		10. Field and Pool, or Wildcat Undesignated Lovington Penn Northeast	

4. Location of Well		12. County	
UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM		<u>LEA</u>	
THE <u>West</u> LINE OF SEC. <u>14</u> TWP. <u>16-S</u> RGE. <u>37-E</u> NMPM			

15. Date Spudded 01/16/88	16. Date T.D. Reached 02/22/88	17. Date Compl. (Ready to Prod.) DRY	18. Elevations (DF, RKB, RT, GR, etc.) 3784.8 GR - 3801.3 KB	19. Elev. Casinghead
20. Total Depth 12,225'	21. Plug Back T.D. 0'	22. If Multiple Compl., How Many --	23. Intervals Drilled By Rotary Tools 0-12225'	Cable Tools --

24. Producing Interval(s), of this completion - Top, Bottom, Name NONE		25. Was Directional Survey Made NO
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25. Type Electric and Other Logs Run Den. - Neu. - GR. - Cal. - Dual Laterlog - Sonic	27. Was Well Cored Yes
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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	54.4	423	17-1/2	450	NONE
8-5/8	28	4400	11	1680	NONE
NONE	NONE	NONE	7-7/8	NONE	NONE

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NONE					NONE		

31. Perforation Record (Interval, size and number) NONE				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
				NONE		NONE	

33. PRODUCTION							
Date First Production NONE		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
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35. List of Attachments C-103, Deviation Survey, Logs, DST Data
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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>Roy S. Phares</u>	TITLE <u>Production Accountant</u>	DATE <u>October 17, 1988</u>

# INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Commission not later than 10 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	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 11410	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 12019	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3324	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 5057	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta 6555	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 7854	T. Granite	T. Todilto	T.
T. Drinkard 8024	T. Delaware Sand	T. Entrada	T.
T. Abo 8577	T. Bone Springs	T. Wingate	T.
T. Wolfcamp Ls 10055	T. L. Strawn Ls. 11581	T. Chinle	T.
T. Penn. 11014	T. Strawn Clastic 11857	T. Permian	T.
T. Cisco Shale 11186	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	620	620	Surface rock				
620	1730	1110	Redbeds				
1730	2127	397	Redbeds, Anhy.				
2127	3324	1197	Anhy. & salt				
3324	4018	694	Anhy.				
4018	5057	1039	Anhy. & Lime				
5057	9990	4933	Dolo & Sandy Dolo				
9990	10850	860	Lime & Dolo lime				
10850	11185	335	Dolo, Chert, Lime, Shale				
11185	11581	396	Lime, Shale				
11581	12019	438	Lime, Sandy Lime				
12019	12225	206	Shale, Sand				

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OCT 19 1988

OCD  
HOBBS OFFICE

PENNZOIL EXPLORATION & PRODUCTION CO.

M. H. MEDLIN #1

Unit Letter E, 1980' FNL & 660'  
FWL, Section 14, T-16-S, R-37-E  
Lea County, New Mexico

DST #1 11,619'-11,705. Opened tool w/3 min.  
preflow w/weak blow. Closed tool for 60 min.  
ISIP. Reopened tool for 150 min. final flow -  
had GTS 105 min. into final flow. Alternated  
flow on 1/8"-1/4" ck - Avg. 44 oz. Closed tools  
for 300 min. final shut in. Maintained 2 1/2-  
3 ft. lazy flare for 2 hrs before flare died.  
Completed DST #1 11,619'-11,705'

- TOH w/tst tools. Drill string recovery  
includes 94 ft gas-cut drlg mud  
187 ft slightly oil & heavy gas/wtr-cut  
drlg mud

6409 ft gas-cut wtr (Chlorides = 56,000 ppm)

6690 ft (89.99 bbls) Total drlg string recov.

- Laid dwn & loaded tstg tools. Gauge results as follows:

	<u>Bottom</u>	<u>Top</u>	<u>J-300 electronic</u>
Depth	NR	NR	11,593'
IHP	5691	5572	5577
IFP	373-453	365-415	290-363
ISIP	3667	3663	3646
FFP	753-3121	415-3105	405-3091
FSIP	3667	3650	3632
FHP	5628	5596	5581
Temp.	170 deg F	184 deg F	NR

Sample Chamber recovery includes 0.825 cu.ft. gas,  
Tr oil, 2160 cc water (Chlorides = 64,000 ppm).