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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 ☐ Fee ☒

5. 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. RESVR. ☐ OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name

VIERSEN

9. Well No.

3

10. Field and Pool, or Wildcat

SHIPP STRAWN

2. Name of Operator
PENNZOIL COMPANY

3. Address of Operator
P.O. DRAWER 1828 MIDLAND, TX 79702-1828

4. Location of Well
UNIT LETTER 0 LOCATED 150 FEET FROM THE South LINE AND 2080 FEET FROM THE East LINE OF SEC. 4 TWP. 17S RGE. 37E N.M.P.M.

12. County

LEA

15. Date Spudded 1-1-87 16. Date T.D. Reached 2-2-87 17. Date Compl. (Ready to Prod.) 2-15-87 18. Elevations (DF, RKB, RT, GR, etc.) 3774.6 GR 19. Elev. Casinghead

20. Total Depth 11,240' 21. Plug back T.D. 11,239' 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By Rotary Tools 0-11240 Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
11,067' to 11,090' Strawn 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run
CDL/CNL, DLL/MSFL 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#	405	17-1/2	630 sx.	
8-5/8	28# & 24#	4189	11	1450 sx.	
5-1/2	17#	11239	7-7/8	350 sx.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	11,160'	

31. Perforation Record (Interval, size and number)
11,067-69 (5 holes)
11,078-90 (25 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11,067-11,090	1000 gals. 15% NeFe HCL
	7500 gals. 20% HCL

33. PRODUCTION
Date First Production 2-16-87 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2 1/2" x 1 1/4" x 32' Insert Pump Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-3-87	24			116	22	0	190

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
			116	22	0	36.2

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Flared during test Test Witnessed By Gene Atkins

35. List of Attachments
Logs, DST Summary, Directional Surveys

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 Ray R. Johnson TITLE Production Accountant DATE 4/21/87

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

T. Anhy _____ 2031	T. Canyon _____ 10,771	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 11,042	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 11,216	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3201	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 _____ 4873	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 6350	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 _____ 8588	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8959	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9918	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 10410	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	2031	2031	Red Shale, Sand, Anhydrite				
2031	4873	2842	Anhydrite & Dolomite				
4873	8588	3715	Dolomite & Siltstone				
8588	10410	1822	Dolomite & Shale				
10410	11042	632	Shale & Limestone				
11042	11179	137	Limestone				
11179	11240	61	Sand & Shale				

NO. 12-1502
 MOBILE OIL CO.

Pennsalt Co.
VIERSEN NO. 3
150' FSL & 2080' FEL
SECTION 4, T-17-S, R-37-E
LEA COUNTY, NEW MEXICO

DRILL STEM TEST SUMMARY

DST #1 11,055' to 11,098' Strawn

5 minute pre-flow, very weak blow, increasing to fair
blow - 60 minute ISIP - 60 minute FFP - 180 minutes
FSIP, no gas to surface.

IHP 5194 psi, IFP 57-57 psi, ISIP 1357 psi,
FFP 69-95 psi, FSIP 1543 psi, FHP 5206 psi.

Recovered 1/2 bbl. mud with show of oil in drill
collars - sampler recovery had 0.43 cf gas, 180 cc
oil & 560 cc mud, BHT 164 degrees.