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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 [X] Fee [ ]

5. State Oil & Gas Lease No.: E-8956

1a. TYPE OF WELL — OIL WELL [ ] GAS WELL [X] DRY [ ] OTHER

b. TYPE OF COMPLETION — NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: STATE "AZ"

2. Name of Operator: PAN AMERICAN PETROLEUM CORPORATION

9. Well No.: 4

3. Address of Operator: BOX 68, HOBBS, N. M. 88240

10. Field and Pool, or Wildcat: RANGER LAKE DEV, WEST - GAS

4. Location of Well: UNIT LETTER A LOCATED 990 FEET FROM THE NORTH LINE AND 990 FEET FROM THE EAST LINE OF SEC. 34 TWP. 12-S RGE. 34-E NMPM

12. County: LEA

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
6-10-68	8-29-68	8-30-68	4169' R.D.B.	—

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12899'	—	—	→	0-TD	—

24. Producing Interval(s), of this completion — Top, Bottom, Name: 12835' - 12899' DEVONIAN

25. Was Directional Survey Made: —

26. Type Electric and Other Logs Run: Dual Induction, Acoustilog, Minilog

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
13 3/8"	48 #	426'	17 1/2"	500	
8 5/8"	24-32 #	4196'	11 "	350	
5 1/2"	20-17 #	12835'	7 7/8"	900	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8" OD	12859	12832

31. Perforation Record (Interval, size and number)

12790' - 12824' w/2JSPF

12835' - 12899' - OPEN HOLE

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

DEPTH, INTERVAL	AMOUNT AND KIND MATERIAL USED
12790-12824	Acid: 1000 gal 15%, 4000 gal 28%, 4000 gal 3%
12835-12899'	ACID: 5000 gal 15%

33. GAS WELL PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
8-31-68	FLOWING	SHUT-IN AWAITING MKT

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
8-31-68	8 hr	22/64		253		—	8300

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF PD	Water — Bbl.	Oil Gravity — API (Corr.)
2200	—		759	4900	—	58

34. Disposition of Gas (Sold, used for fuel, vented, etc.): To be sold

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.

SIGNED [signature] TITLE AREA SUPERINTENDENT DATE SEP 4 1968

cc: 4-NMOCC-N
1-W7
1-NSW

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	1230	T. Canyon	10630	T. Ojo Alamo		T. Penn. "B"	
T. Salt	[illegible]	T. Strawn	10925	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	3250	T. Atoka	11475	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2850	T. Miss	11822	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian	12780	T. Menefee		T. Madison	
T. Queen	[illegible]	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4150	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	[illegible]96	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	7005	T. Delaware Sand		T. Entrada		T.	
T. Abo	7720	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	9150	T. BARNETT LIME	10210	T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)	9970	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	90	90	Surface	11975	12231	256	Shale, Lime
90	426	336	Red Bed	12231	12421	190	Lime, Chert
426	2800	2374	Red Bed Anhy	12421	12459	38	" " Shale
2800	3020	220	Anhy, Salt	12459	12472	13	Chert
3020	3303	283	" Gyp	12472	12586	114	Lime, chert
3303	4196	893	Gyp, Anhy	12586	12656	70	" " , Shale
4196	7537	3341	Lime	12656	12714	58	Lime, chert
7537	8276	739	Lime, Shale	12714	12766	52	" " Shale
8276	9802	1526	Lime	12766	12899	133	" "
9802	10409	605	Lime, Shale				
10409	10474	67	Lime,				
10474	10540	66	Lime, Shale				
10540	10560	20	Lime				
10560	10640	80	Lime, Shale				
10640	10744	104	Lime, Shale, Sand				
10744	10840	96	Lime, Chert				
10840	10989	149	Lime, Shale, Chert				
10989	11008	19	Lime Shale				
11008	11392	384	" " , Chert				
11392	11520	128	" " " , Sand				
11520	11747	227	" " "				
11747	11780	33	Lime, Sand "				
11780	11869	89	" " Shale				
11869	11913	44	Lime Shale				
11913	11975	62	" " Sand				