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Form C-105
Revised 1-1-65

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JUL 7 11 52 AM 69

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 XX ☒ 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: **Lowe-Land**

2. Name of Operator: **Signal Oil and Gas Company**

9. Well No.: **1**

3. Address of Operator: **125 Central Building, Midland, Texas 79701**

10. Field and Pool, or Wildcat: **Wildcat**

4. Location of Well: UNIT LETTER **L** LOCATED **1980** FEET FROM THE **South** LINE AND **660** FEET FROM THE **West** LINE OF SEC. **35** TWP. **13-S** RGE. **38-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
3-31-69	5-26-69	6-19-69	3795 G.L.	--

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12,645	5500	-	→	0 - T.D.	--

24. Producing Interval(s), of this completion — Top, Bottom, Name: **5310-5330 San Andres**

25. Was Directional Survey Made: **No**

26. Type Electric and Other Logs Run: **D.I. Laterolog; Micrlog; Sidewall Neutron Porosity**

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	380	17-1/2	150 sacks	0
8-5/8	24 & 32	4650	11	550 sacks	0
4-1/2	9.5	5810	7-7/8	285 sacks	0

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)

5715-5726 12 - .43 holes squeezed off
5656-5696 31 - .43 holes Plugged off
5360-5378 18 - .43 holes Plugged off
5310-5330 18 - .43 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5715-5726	1000 gal 15% acid
5656-5696	1500 gal 15% acid
5310-5378	2500 gal 15% acid
	25000 gal gel brine frac w/37,500# sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
6-17-69	Swabbing	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
6-20-69	24	-		21	3780	148	180/1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
- -	Pkr.		21	3780	148	32

34. Disposition of Gas (Sold, used for fuel, vented, etc.): **Vented**

Test Witnessed By: **C. T. Ormsby**

35. List of Attachments: **DST's and Logs**

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 B. Bernard Lankford Jr. TITLE **Production Engineer** DATE **June 25, 1969**

B. Bernard Lankford, Jr.

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		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11,230	T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss	11,673	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian	12,505	T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4634	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	6128	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	7334	T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo	8016	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	9287	T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		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	2300	2300	Red Sand & Shale				
2300	2480	180	Anhydrite				
2480	3100	620	Salt				
3100	4634	1534	Sand, Shale & Anhydrite				
4634	6128	1494	Dolomite & Lime				
6128	7334	1206	Sand, Anhydrite & Dolomite				
7334	8016	682	Dolomite, Sand & Anhydrite				
8016	9300	1284	Shale, Anhydrite, Dolomite & Lime				
9300	11,230	1930	Shale, Chert, Lime, Dolomite				
11,230	11,673	443	Shale & Sand				
11,673	12,380	707	Chert & Lime				
12,380	12,505	125	Shale & Lime				
12,505	12,645	140	Dolomite				