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HOBBS OFFICE O. C. C.
JUN 12 9 38 AM '68

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 ☐ Federal ☒ Fee ☐

5. State Oil & Gas Lease No.: NM 0450818

1a. TYPE OF WELL

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

7. Unit Agreement Name: -

8. Farm or Lease Name: Gulf-Federal

2. Name of Operator: Southland Royalty Company

9. Well No.: 1

3. Address of Operator: 1405 Wilco Bldg., Midland, Texas 79701

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well
UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 20 TWP. 25-S RGE. 35-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
6-8-67	1-23-68	3-28-68	3320.8' GR	3318'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
20,066'	14,500'	-	→	0-20066'	-

24. Producing Interval(s), of this completion — Top, Bottom, Name: 13466'-14379' - Wolfcamp

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Gamma Ray - Sonic, Induction, Laterolog, Microlog

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
20"	94#	380'	26"	750 sacks	None
13 3/8"	61,68,72#	5300'	17½"	3840 sacks	None
10 3/4"	60.7#	12825'	12¼"	2697 sacks	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
7 5/8"	12,536'	17,905'	1200	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	13,428'	13,407'

31. Perforation Record (Interval, size and number)

13466-13524', 0.40", 13 holes
13752-14138', 0.52", 26 holes
14233-14379', 0.40", 16 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13466-14379	120,000 gallons acid
13466-13524	17,000 gallons acid
13752-14138	17,000 gallons acid
14233-14379	10,500 gallons acid

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
3-29-68	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
3-31-68	24	1/4		213	1374	82	6450

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
1400	Packer		213	1374	82	49°

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

Test Witnessed By: -

35. List of Attachments: C-104, Dual Induction-Laterolog, Inclination Report

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 H C Oliver TITLE Drilling Engineer DATE 5-27-68

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	920'	T. Canyon	Not present	T. Ojo Alamo		T. Penn. "B"	
T. Salt	1060'	T. Strawn	Not present	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	3830'	T. Atoka	14,536'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	Not present	T. Miss	17,800'	T. Cliff House		T. Leadville	
T. 7 Rivers	Not present	T. Devonian	18,432'	T. Menefee		T. Madison	
T. Queen	Not present	T. Silurian	19,693'	T. Point Lookout		T. Elbert	
T. Grayburg	Not present	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	Not present	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	Not present	T. McKee		Base Greenhorn		T. Granite	
T. Paddock	Not present	T. Ellenburger		T. Dakota		T.	
T. Blinebry	Not present	T. Gr. Wash		T. Morrison		T.	
T. Tubb	Not present	T. Granite		T. Todilto		T.	
T. Drinkard	Not present	T. Delaware Sand	5,430'	T. Entrada		T.	
T. Abo	Not present	T. Bone Springs	9,524'	T. Wingate		T.	
T. Wolfcamp	12,080'	T.		T. Chinle		T.	
T. Penn.	14,390'	T.		T. Permian		T.	
T Cisco (Bough C)	Not present			T. Penn. "A"		T.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	20	20	Sand, caliche				
20	920	900	Red beds				
920	1060	140	Anhydrite				
1060	3830	2770	Salt				
3830	5430	1600	Anhydrite				
5430	6380	950	Sand and shale				
6380	6890	510	Sand and limestone				
6890	7150	260	Sand and shale				
7150	7540	390	Sand, shale & limestone				
7540	9450	910	Sand, limestone				
9450	10,250	800	Limestone & chert				
10,250	11,140	890	Shale, limestone				
11,140	12,080	940	Limestone				
12,080	13,160	1080	Limestone, dolomite				
13,160	14,420	1260	Limestone, dolomite & chert				
14,420	16,270	1850	Dolomite, chert & sand				
16,270	17,800	1530	Shale				
17,800	18,180	380	Limestone & chert				
18,180	18,460	280	Shale, dolomite				
18,460	18,900	440	Limestone				
18,900	19,150	250	Limestone & chert				
19,150	19,500	350	Limestone				
19,500	19,700	200	Limestone, chert				
19,700	20,066	366	Dolomite				