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Form C-105
Revised 11-1-76

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

5a. Indicate Type of Lease: State ☐ Fee XX

5. State Oil & Gas Lease No.:

1a. TYPE OF WELL: OIL WELL XX ☐ GAS WELL ☐ 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: Burke

2. Name of Operator: Southland Royalty Company

9. Well No.: 1

3. Address of Operator: 21 Desta Drive, Midland, Texas 79705

10. Field and Pool, or Wildcat: Eumont (Y,SR,G)

4. Location of Well: UNIT LETTER L LOCATED 1980 FEET FROM THE south LINE AND 660 FEET FROM THE west LINE OF SEC. 27 TWP. 19S RGE. 37E 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
2-2-84	2-7-84	3-8-84	3587.4' GR	-

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By →	Rotary Tools	Cable Tools
3900'	3861'			XX	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 3688-3812'

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: CDL/CNL w/GR, DLL & MLL w/GR

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
8 5/8"	24#	335'	12 1/4"	200 sx. Cl "C"	Circulated
5 1/2"	14#	3900'	7 7/8"	350 sx. Cl "C" TOC @ 2310' by TS	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	3861'	SN @ 3726'

31. Perforation Record (Interval, size and number): 3688-3812'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3688-3812'	Acdz w/5000 gals
3688-3812'	Frac w/27,000 gals, 33,500# 20/40 & 23,000# 10/20 sd

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
3-8-84	Pumping 2" x 1 1/2" x 16'	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
4-10-84	24	-		50	100	18	2000

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
-	-		50	100	18	38

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

Test Witnessed By: Ronnie Pryor

35. List of Attachments: Form C-104, Logs, Deviation Survey

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 Darrell Roberts TITLE Operations Engineer DATE 4/13/84

INSTRUCTIONS

This form is to be filed with the appropriate district office of the Commission not later than ... days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 35 through 38 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	1390'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1590'	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2570'	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2720'	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2950'	T. Devonian		T. Menefee		T. Madison	
T. Queen	3560'	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3910'	T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		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		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T. Penrose 3680'		T. Chinle		T.	
T. Penn.		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	1375	1375	Redbeds				
1375	2580	1205	Anhydrite				
2580	2620	40	Sandstone				
2620	2745	125	Dolomite & Anhydrite				
2745	2770	25	Sandstone				
2770	2965	195	Dolomite & Anhydrite				
2965	3360	395	Anhydrite & Dolomite				
3360	3400	40	Sandstone				
3400	3550	150	Anhydrite				
3550	3580	30	Sandstone				
3580	3670	90	Anhydrite				
3670	3820	150	Sandstone				
3820	3900	80	Dolomite				

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