NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE	✓	
FILE	✓	✓
U.S.G.S.	✓	
LAND OFFICE	✓	
OPERATOR		

Bofm

RECEIVED BY
FEB 25 1985
O. C. D.
ARTESIA, OFFICE

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 [XX] Fee [ ]

5. State Oil & Gas Lease No.: OG-5359

1a. TYPE OF WELL

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

OIL WELL [ ] GAS WELL [XX] DRY [ ] OTHER [ ]

7. Unit Agreement Name:

8. Farm or Lease Name: Empire "16" State Com

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: Empire (Morrow) South

4. Location of Well

UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 16 TWP. 18S RGE. 29E NMPM

12. County: Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
12-12-84	1-12-85	2-8-85	3521.5' GR	-

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
11,350'	11,289'		→	XX	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 10,986-11,032' (Morrow)

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: Sonic & DLL, GR/CNL/FDC/Cal/BH Vol & GR/DLL/RXO

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#	344'	17 1/2"	400 sx. Cl "C" & 8 yds Ready Mix	
8 5/8"	28 & 24#	3099'	12 1/4"	1100 sx Lite & 200 Cl "C"	
5 1/2"	17#	11,350'	7 7/8"	1175 sx Cl "H"	TOC @ 7115'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	10,912'	10,912'

31. Perforation Record (Interval, size and number)

10,986-98' (45 holes)
11,024-32' (32 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
None	

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
2-8-85	Flowing	Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
2-14-85	1	16/64"		8	179.1	0	22,375

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
520	-		192	4299	0	61

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

Test Witnessed By:

35. List of Attachments: C-104, C-122, Logs, Temp Survey, Inclination 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 2/25/85

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 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 30 through 44 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	250'	T. Strawn	10,120'	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	850'	T. Atoka	10,430'	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	1010'	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	2360'	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	2790'	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	8540'	T.	Morrow 10,820'	T. Chinle		T.	
T. Penn.		T.	Lower Morrow 11,040'	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	800	800	Redbeds				
800	2010	1210	Anhydrite & Redbeds				
2010	2380	370	Sandstone & Anhydrite				
2380	2595	215	Dolomite				
2595	2845	250	Sandstone, Dolomite & Anhydrite				
2845	3900	1055	Dolomite & Anhydrite				
3900	6395	2495	Limestone				
6395	6655	260	Sandstone & Shale				
6655	7075	420	Limestone & Shale				
7075	7655	580	Sandstone, Shale & Limestone				
7655	8150	495	Limestone				
8150	8360	210	Sandstone				
8360	8885	525	Dolomite & Shale				
8885	9080	195	Shale				
9080	9470	390	Limestone & Shale				
9470	9620	150	Shale				
9620	10,840	1220	Limestone & Shale				
10,840	11,350	510	Sandstone & Shale				