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Form C-104
Revised 11-74

RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
DEC 22 1982

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. 648

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☐

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☒

DIFF. RESVR. ☐

OTHER ☐

2. Name of Operator

Southland Royalty Company ✓

3. Address of Operator

21 Desta Drive, Midland, Texas 79701

4. Location of Well

UNIT LETTER J LOCATED 1980 FEET FROM THE East LINE AND 1980 FEET FROM

THE South LINE OF SEC. 13 TWP. 19S RGE. 27E NMPM

12. County
Eddy

15. Date Spudded 1-19-80 16. Date T.D. Reached - 17. Date Compl. (Ready to Prod.) 12-17-82 18. Elevations (DF, RAB, RT, GR, etc.) 3489.1' GR 19. Elev. Casinghead -

20. Total Depth 10,888' 21. Plug Back T.D. 10,465' 22. If Multiple Compl., How Many NA 23. Intervals Drilled By Rotary Tools Cable Tools NA

24. Producing interval(s), at this completion - Top, Bottom, Name

10,366-10,415' Morrow A

25. Was Directional Survey Made
NA

26. Type Electric and Other Logs Run
Filed 8-26-80

27. Was Well Cored
NA

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#	297'	17 1/2"	350 sx. CT "C" + 10 yds Red Mix	
9 5/8"	36#	2397'	12 1/4"	850 sx. CT "C" to Surface	
4 1/2"	11.6 & 13.5#	10,888'	8 3/4"	950 sx. CT "H" + HLW	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	10,260'	10,260'

31. Perforation Record (Interval, size and number)

10,366-10,415' (OA)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>10,366-10,415'</u>	<u>Acidz w/3500 gal 7 1/2% acid</u>

33. PRODUCTION

Date First Production 12-16-82 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - BBL.	Gas - MCF	Water - BBL.	Gas - Oil Ratio
<u>12-16-82</u>	<u>24</u>	<u>6/64"</u>	<u>→</u>	<u>1</u>	<u>517</u>	<u>1/2</u>	<u>517000</u>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BBL.	Gas - MCF	Water - BBL.	Oil Gravity - API (Corr.)	
<u>1550#</u>	<u>-</u>	<u>→</u>	<u>1</u>	<u>517</u>	<u>1/2</u>		

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

Sold

Test Witnessed By
D. Davis

35. List of Attachments

Form C-104

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 F.N. RAP by D. Roberts

District Operations Engineer

DATE 12-20-82

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 26 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 by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 33 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 119.5.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 9072'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____ 9360'	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Anoka _____ 10,054'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____ 10,860'	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1205'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2146'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2442'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	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 _____ 8308'	T. 3rd Bone Springs _____ 7947'	T. Chinle _____	T. _____
T. Penn. _____	T. Morrow _____ 10,125'	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 8640'	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 10,569' to _____ 10,572'	No. 4, from _____ 10,674' to _____ 10,678'
No. 2, from _____ 10,578' to _____ 10,580'	No. 5, from _____ 10,686' to _____ 10,692'
No. 3, from _____ 10,666' to _____ 10,670'	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	790	790	Redbed, Anhydrite, Salt				
790	1600	810	Dolomite, Anhydrite				
1600	2470	870	Dolomite, Sandstone				
2470	3030	560	Dolomite				
3030	4900	1870	Limestone				
4900	5150	250	Limestone, Sandstone				
5150	6760	1610	Limestone				
6760	6970	210	Sandstone				
6970	7960	990	Limestone				
7960	8340	380	Sandstone				
8340	8960	620	Limestone, Shale				
8960	9980	1020	Limestone, Dolomite				
9980	10,700	720	Limestone, Sandstone				