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Form C-105
Revised 11-1-74

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

1a. Indicate Type of Lease
State ☒ Fee ☐
b. State Oil & Gas Lease No.
B-2229

1b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
c. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Malmar Unit Tr. 1
9. Well No.
9
10. Field and Pool, or Wildcat
Maljamar (Gray, SA)

2. Name of Operator
Southland Royalty Company
3. Address of Operator
1100 Wall Towers West, Midland, Texas 79701

4. Location of Well
UNIT LETTER **B** LOCATED **20** FEET FROM THE **North** LINE AND **1365** FEET FROM
THE **East** LINE OF SEC. **13** TWP. **17-S** RGE. **32-E** NMPN

11. County
Lea

15. Date Spudded **2-23-81** 16. Date T.D. Reached **3-13-81** 17. Date Compl. (Ready to Prod.) **6-2-81** 18. Elevations (DF, RKB, RT, GR, etc.) **4232.8' GR** 19. Elev. Casinghead

20. Total Depth **4550'** 21. Plug Back T.D. **4503'** 22. If Multiple Compl., How Many
23. Intervals Drilled By **0 - TD** Rotary Tools Cable Tools

24. Producing Interval(s), or this completion - Top, Bottom, Name
4243 - 4472' (Grayburg - San Andres) 25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CNL/FDC/GR-Caliper, DLL/MLL/GR-Caliper 27. Was Well Cored
Yes

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#	978'	12 1/4"	550 sx C1 "C" w/2% CC	Circ. 75 sxs
5 1/2"	15.5#	4550'	7 7/8"	900 sxs C1 "H"	TOC @ 2130'

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4486'	4458' (SN)

31. Perforation Record (Interval, size and number)
1 JSFP 4472-4466', 4378-4374', 4304-4295', 4274-4268', 4262-4243'. (49 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4243-4472'	Acidz w/6180 gal & 95,500 SCF N ₂ .
4243-4472'	Frac w/24,000 gal & 93,000# Sand

33. PRODUCTION

Date First Production **4-30-81** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pump 2" x 1 1/2" x 16'** Well Status (Prod. or Shut-in) **Prod.**

Date of Test	Hours Tested	Coke Size	Prodn. For Test Period	Oil - REL.	Gas - MCF	Water - REL.	Gas - Oil Ratio
6-9-81	24	- - -	→	43	- 0 -	45	- - - -

Flow Tubing Press.	Casing Pressure	Calculated 14-Hour Rate	Oil - REL.	Gas - MCF	Water - REL.	Oil Gravity - API (Corr.)
- - - -	- - - -	→	43	- 0 -	45	39.7

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
NA Test Witnessed By
Wayne Grubbs

35. List of Attachments
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 W. J. [Signature] TITLE **District Operation Engineer** DATE **6-12-81**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 10 days after the completion of any newly-filled 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 logs reported shall be measured by tape. In the case of horizontally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 10 through 14 shall be reported for each zone. The form is to be filed in quadruplicate 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. Anby <u>1270'</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1400'</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2423'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2725'</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3582'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>3960</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4310'</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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. <u>Premier</u> <u>4255'</u>	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 <u>4243'</u> to <u>4472'</u>	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	1270	1270	Red bed				
1270	1400	130	Anhydrite				
1400	2423	1023	Salt, Sandstone, Dolomite				
2423	2725	302	Sandstone, Dolomite				
2725	3582	857	Dolomite				
3582	3960	378	Dolomite				
3960	4255	295	Dolomite				
4255	4310	55	Sandstone				
4310	TD	240	Dolomite				

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