

CONFIDENTIAL

Form C-105
Revised 10-1-84

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LAND OFFICE	
OPERATOR	

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

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.
LG-6412

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 79705

4. Location of Well	UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>18S</u> RGE. <u>35E</u> NMPM
1a. County	Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (H.F., KKB, RT, GR, etc.)	19. Elev. Casinghead
1-29-85	3-9-85	3-22-85	3919.8' GR	-
20. Total Depth	21. Plug back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Was Directional Survey Made
11,250'	11,235'		0-TD	Yes

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Well Cored
11,124-164' Wolfcamp	No
26. Type Electric and Other Logs Run	
GR/CNL/Density, GR/DLL/RX0, GR Sonic	

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"	54.50#	395'	17 1/2"	400 sx C1 "C"	Circ.
8 5/8"	28 & 24#	3900'	12 1/4"	1550 sx C1 "C"	Circ.
5 1/2"	20 & 17#	11,250'	7 7/8"	325 sx 50-50 Poz & 500 sx C1 "H"	TOC @ 5750'

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	11,114'	11,114'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
11,124-164' (80 holes)	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)	
3-22-85		Flowing				SI	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-24-85	24	18/64"		530	495	50	933
Flow Tubing Press.	Casing Pressure	Circulated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
720	-		530	495	50	37	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
SI for tank room & allowable	Ronnie Pryor

35. List of Attachments
List of DST's, logs, Inclination Survey, Temperature Survey, C-104, C-102

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 <u>John Stab</u>	TITLE <u>Operations Engineer</u>	DATE <u>3/28/85</u>
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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Department not later than 30 days after the completion of any newly-drilled or reopened 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 test reports shall be measured by test. In the case of conventionally drilled wells, true vertical depth shall also be reported. For multiple completions, Items 31 through 34 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 115.

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 _____ 1920	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 3100	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3350	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4500	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 5200	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 5380	T. Simpson _____	T. Gallup _____	T. Ignacio Quize _____
T. Glorieta _____	T. McKee _____	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 7070	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs 7600	T. Wingate _____	T. _____
T. Wolfcamp _____	T. 1st Bone Sprgs 8240	T. Chinle _____	T. _____
T. Penn. _____	T. 2nd Bone Sprgs 9760	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Wolfcamp 11,020	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	1782	1782	Alluvium & redbeds				
1782	3691	1909	Anhydrite & salt				
3691	5808	2117	Anhydrite & dolomite				
5808	5878	70	Sand & dolomite				
5878	6000	122	Anhydrite, dolomite & chert				
6000	6400	400	Sand & dolomite				
6400	7608	1208	Sand, dolomite & limestone				
7608	10360	2752	Limestone, dolomite, sand & shale				
10360	10438	78	Chert, dolomite, sand & shale				
10438	10700	262	Shale, sand, dolomite & limestone				
10700	10812	112	Chert, shale & dolomite				
10812	11250	438	shale, dolomite, chert & limestone				

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HOBBS

PEOPLES "32" STATE NO. 1

DST's

DST #1 9542-9618' (Bone Spring) Hydro in 4700#, 5 min IF 341-405, strong blow, 1 hr ISI 3963, 1 hr FF 532-1358, strong blow, 3 hr FSI 3963. No gas to surface. Drl pipe rec 56' oil & gas cut drlg mud. Sampler press 800#. Rec 1 cu ft gas, 20 cc oil & 2080 cc sulphur wtr. BHT 140 degrees.

DST #2 11,118-180' (Wolfcamp) 15 min preflow: open tool w/strong blow. GTS in 7 min, 6# on 1/2" ck. 1 hr ISI, 2 hr FF, Fluid to surface in 12 min. Flwd 193 BO, 47 BW & drlg mud on 3/4" ck, flwg press 570#, 4 hr FSI. Rlsd pkr. Reversed out 60 BO. IHMW 5639#, IF 1173-3155#, ISI 5601#, FF 3193-4284#, FSI 5501#, FHMW 5626#, Sampler press 2150#. rec 9 cu ft gas, 1600 cc 37 gr oil, 100 cc wtr, BHT 160 degrees.