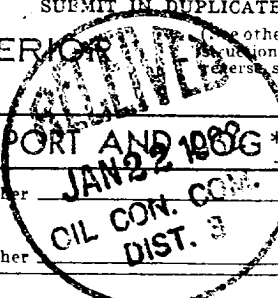


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.



WELL COMPLETION OR RECOMPLETION REPORT AND LOGS*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. <i>Jicarilla Contract 416</i>	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <i>Southland Royalty Company</i>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <i>P.O. Drawer 570, Farmington, New Mexico 87499-0570</i>		8. FARM OR LEASE NAME <i>Medio Canyon</i>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <i>410' ENL & 676' FEL</i> At top prod. interval reported below At total depth		9. WELL NO. <i>3</i>	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED <i>10-08-81</i>		16. DATE T.D. REACHED <i>10-22-81</i>	
17. DATE COMPL. (Ready to prod.) <i>11-18-81</i>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <i>7228' GR</i>	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD <i>7750'</i>	
21. PLUG, BACK T.D., MD & TVD <i>7707'</i>		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <i>0-7750'</i>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <i>6357'-7459' (Gallup-Dakota)</i>	
25. WAS DIRECTIONAL SURVEY MADE <i>Deviation</i>		26. TYPE ELECTRIC AND OTHER LOGS RUN <i>IES, GR-Density and CBL</i>	
27. WAS WELL CORED <i>No</i>		28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
<i>8-5/8"</i>	<i>24#</i>	<i>240'</i>	<i>12-1/4"</i>
<i>4-1/2"</i>	<i>11.6# & 10.5#</i>	<i>7755'</i>	<i>7-7/8"</i>
CEMENTING RECORD		AMOUNT PULLED	
<i>220 sacks</i>			
<i>925 sacks (2 stages)</i>			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
<i>---</i>	<i>---</i>	<i>---</i>	<i>---</i>
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
<i>2-3/8"</i>	<i>7436'</i>	<i>---</i>	
31. PERFORATION RECORD (Interval, size and number) <i>Gallup-Dakota: 29 holes</i> <i>6357', 6365', 6378', 6385', 6398', 6412', 6420', 6426', 6431', 6461', 6474', 6481', 6491', 6501', 6516', 6522', 6528', 6533', 6537', 7340', 7344', 7348', 7352', 7356', 7360', 7364', 7448', 7456', 7459'</i>			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
<i>6357'-7459'</i>		<i>Frac'd Gallup-Dakota with total 219,860 gals fluid and 244,000# 20/40 sand.</i>	
33. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		WELL STATUS (Producing or shut-in)
<i>12-29-81</i>	<i>Flowing</i>		<i>Shut-In</i>
HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.
<i>3</i>	<i>3/4"</i>	<i>8.35</i>	<i>102</i>
WATER—BBL.	GAS—MCF.	GAS—MCF.	WATER—BBL.
<i>3</i>	<i>12216/1</i>	<i>---</i>	<i>---</i>
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL GRAVITY-API (CORR.)
<i>648</i>	<i>812</i>	<i>---</i>	<i>---</i>
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <i>Sold</i>			
35. LIST OF ATTACHMENTS			

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *C. C. Pearson* TITLE *Dist. Prod. Manager* DATE *January 13, 1982*

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

FARMINGTON DISTRICT

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2158'					
Fruitland	2993'					
Pictured Cliffs	3245'					
Lewis	3388'					
Chacra	4033'					
Cliff House	4780'					
Point Lookout	5278'					
Gallup	6398'					
Greenhorn	7303'					
Graneros	7363'					
Dakota	7488'					
Total Depth	7750'					