

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface (K) 1980' FSL & 1980' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Medio Canyon

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

West Lindrith Gallup-Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 25, T24N, R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 10-22-85 16. DATE T.D. REACHED 11-02-85 17. DATE COMPL. (Ready to prod.) 11-21-85 18. ELEVATIONS (DP, R&B, ST, OR, ETC.)* 7067' KB 19. ELEV. CASINGHEAD 7055' GL

20. TOTAL DEPTH, MD & TVD 7525' 21. PLUG BACK T.D., MD & TVD 7490' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-7525' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6209'-7303' 25. WAS DIRECTIONAL SURVEY MADE Deviational

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Compensated Densilog, GR-Comp Neutron, GR-Induction, CBL & Correlation

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#, H-40	240'	12-1/4"	212 cuft - 180 sacks	Circ to surf
4-1/2", 10.5#/11.5#, K-55		7524'	7-7/8"	1190 cuft - 840 sacks (3 stges)	Good Circ

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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31. PERFORATION RECORD (Interval, size and number)

6209'-6417' (69 holes).
6828'-7219' (38 holes)
7275'-7303' (15 holes, Fraced with 70,981 gals 2% KCl slick wtr & 53,950# 20/40 sand.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6209'-6417'	Fraced w/143,276 gal 2% KCl slick wtr & 130,000# 20/40 sand.
6828'-7219'	Fraced w/109,662 gal wtr & 89,750# of 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-31-85		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
1-1-86	24 hrs	1-1/4"	→	90	1146	2	GOR 12733/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
380	----	→	---	---	---	----	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

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

Esther Greyson

TITLE

Secretary DIST. 3

DATE 1/18/86

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2665'	2731'				
Pictured Cliffs	2168'					
Chacra	3022'					
Cliff House	3828'					
Point Lookout	4576'					
Gallup	5065'					
Greenhorn	6190'					
Graneros	7035'					
Dakota	7155'					
	7170'					