

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

(See other instructions on reverse side)

OMB NO. 1042-0047
Expires: December 31, 1991

LEASE DESIGNATION AND SERIAL NO.

NOG-2651-1131
I-149 IND-8467

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Jernigan #3A

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT

Otero Chacra/Blanco MV

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

Sec 24, T-27-N, R-9-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other BLM

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVS. ☒ Other 94 FEB -1 AM 8:51

2. NAME OF OPERATOR

Southland Royalty Co

070 FARMINGTON, NM

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 505-326-9700

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

At surface 1500'FSL, 975'FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

08-27-78

16. DATE T.D. REACHED

08-31-78

17. DATE COMPL. (Ready to prod.)

10-08-93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6028'GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4693'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL. HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Chacra (2999-2993')

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, dual spaced neutron

27. WAS WELL CORED

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36.0#	232'	12 1/4"	120 SX	
7"	20.0#	2256'	8 3/4"	165 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	2089'	4683'	320 SX		2 3/8"	4287	

31. PERFORATION RECORD (Interval, size and number)

2993-2999'

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

DEPTH INTERVAL (MD) 2993-2999' AMOUNT AND KIND OF MATERIAL USED 51,000#sand; and foam

33. PRODUCTION

DATE FIRST PRODUCTION 10-08-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing, capable of commercial hydrocarbon prod. WELL STATUS (Producing or shut-in) shut in

DATE OF TEST 01-10-94 HOURS TESTED 3 hrs CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF WATER—BBL. GAS-OIL RATIO 2621

FLOW, TUBING PRESS. 720 CASING PRESSURE 720 CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF WATER—BBL. OIL GRAVITY-API (CORR.) 2924

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

to be sold

TEST WITNESSED BY

K. Culbertson

35. LIST OF ATTACHMENTS

none

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

SIGNED

TITLE

Regulatory Representative

DATE

ACCEPTED FOR RECORD

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

FEB 04 1994

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 the jurisdiction of such department or agency.

NMOCD

BY

FARMINGTON DISTRICT OFFICE

Smo

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GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

Ojo Alamo	1264'	1777'
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White, cr-gr ss.

Fruitland	1777'	2006'
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
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99	99	99
100	100	100

Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.

Ojo Alamo 1264

Pictured Cliffs 2006' 3598'

Bn-Gry, fine grn, tight ss.

Cliff House	3598'	4290'
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Fruitland	1777
Pic.Cliffs	2006
Cliff House	3598
Pt.Lookout	4290

Point Lookout	4290'	4693'
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Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation