

Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION COMMISSION

Drawer DD

ALBUQUERQUE, NM 88216

(See other
instructions on
reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

R NM-015 NM 010907-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NM-015

8. FARM OR LEASE NAME, WELL NO.

EMPIRE FED. 34 # 1

9. API WELL NO.

30-015-23290

10. FIELD AND POOL, OR WILDCAT

EDDY UNDESIG. GRP 5 CISCO

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

SW/NE, 34, T18S, R29E

12. COUNTY OR
PARISH
EDDY

13. STATE
NM

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. RESER. ☒ Other _____

2. NAME OF OPERATOR

SOUTHLAND ROYALTY COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 51810, MIDLAND, TX 79710

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

At surface **1980' FNL & 1980' FEL**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

FEB 21 1994

15. DATE SPUDDED
11/21/93

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)
11/30/93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3420' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
11758'

21. PLUG BACK T.D., MD & TVD
CIBP@10640 W/35'

22. IF MULTIPLE COMPL.
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
9900' - 9922' (CISCO LIME)

25. WAS DIRECTIONAL
SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

N/A

27. WAS WELL CORED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11 3/4	42#	355'	17 1/2"	325 SXS	SURF
8 5/8"	24#	3200'	12 1/4"	1300 SXS	SURF.
4 1/2"	11.6/13.5#	11758'	7 7/8"	1350 SXS	TOC@7565'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	9824'	9826'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)

9900'-9922' 90 HOLES 4 JSPF CISCO LIME

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CICR @8890-SQZD	8979-8997(WLFCMP) W/50 SXS .6%
HALD 332 CMT.	
9900-9922	ACDZ W/2300 GLS PENTOL 250

33.* PRODUCTION

DATE OF FIRST PRODUCTION NO SHOWS		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (Producing or Shut In) SHUT IN	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL. ACCL	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE →	OIL - BBL.	GAS - MCF. <i>John</i>	WATER - BBL.	OIL GRAVITY - API (CORR.)	
				FEB 17 1994			

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

WELL SHUT IN DUE TO POOR SHOWS OF PRODUCTION.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

3160-5

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

SIGNED

[Signature]

TITLE **PRODUCTION ASSISTANT**

DATE **1/25/94**

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

As per your request: Done

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
SAN ANDRES	2926		DOLOMITE			
1ST BONE SPRING	6845		SAND			
2ND BONE SPRING	7706		SAND			
3RD BONE SPRING	8594		SAND			
WOLFCAMP	8913		LIMESTONE			
CISCO	9966		LIMESTONE			
CANYON	10277		SAND			
STRAWN	10400		LIMESTONE			
ATOKA	10575		LIMESTONE			
MORROW	10898		SAND			
EMPIRE FEDERAL 34 NO. 1 EDDY UNDESIG. GRP 5 CISCO SW/NE, SEC. 34, T18S, R29E 1980' FNL & 1980' FEL EDDY CO. NM 30-015-23290 LEASE NO: R NM 015						

RECEIVED
FEB 15 11 10 AM '94
CARLE...
AREA HE...