

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE.

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

LC055465A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Vermillion 3 Federal 14

9. API WELL NO.

30-015-30135

10. FIELD AND POOL, OR WILDCAT

Redlake Queen Grbg SA

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

3-18S-27E

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL:

OIL
WELL☒GAS
WELL☐

DRY

☐

Other

b. TYPE OF COMPLETION:

NEW
WELL☒WORK
OVER☐DEEP-
EN.☐PLUG
BACK☐DIFF.
RESVR☐

Other

2. NAME OF OPERATOR

ARCO Permian

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1089, Eunice, NM 88231

505-394-1649

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

At surface

F, 2310' FNL & 2110' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

06/24/98

16. DATE T.D. REACHED

07/02/98

17. DATE COMPL. (Ready to prod.)

08/01/98

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

3574'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2500

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

2450

22. IF MULTIPLE COMPL.
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

1904-2376' San Andres

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

C-P-N-L

27. WAS WELL CORED

No

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
8-5/8	24	1100	11	360 sx, circ	
5-1/2	15.5	2500	7-7/8	400 sx, circ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	1948	

31. PERFORATION RECORD (Interval, size and number)
1904-2376', 1 SPI, 55 holes

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1904-2376	See Attached Detail

33.*

PRODUCTION

DATE FIRST PRODUCTION

08/01/98

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

pumping

WELL STATUS (Producing or shut-in)

producing

DATE OF TEST

08/18/98

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL - BBL.

31

GAS - MCF.

19

WATER - BBL.

227

GAS - OIL RATIO

7323

FLOW, TUBING PRESS.

75#

CASING PRESSURE

75#

CALCULATED
24-HOUR RATE

OIL - BBL.

GAS - MCF.

WATER - BBL.

OIL GRAVITY - API (CORR.)

40.3

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

sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-P-N-L

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

SIGNED

TITLE

Administrative Assistant

DATE

08/24/98

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

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
Seven Rivers	0	330				
Yates	331	659				
Queen	660	850				
Grayburg	851	1368				
Premier	1369	1558				
San Andres	1559	1592				
Top San Andres	1593	1900				
B. San Andres	1901	2380				