

**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

JUL 08 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WORK OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract #149

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME
N/A

2. NAME OF OPERATOR
Elm Ridge Exploration Co. LLC

OIL CONS. DIV DIST. 3

8. FARM OR LEASE NAME, WELL NO.
Jicarilla Apache F 20

9. API WELL NO.
30-039-31144 -0051

3. ADDRESS AND TELEPHONE NO.
Po Box 156 Bloomfield NM 87413, 505-632-3476

10. FIELD AND POOL OR WILDCAT
Lindrith Gallup Dakota West

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*
At Surface 1746' FSL X 877' FWL

At top prod. Interval reported below

At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
"L" Sec.16-T25N-R5W

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH Rio Arriba 13. STATE NM

15. DATE SPUNDED 12-8-13 16. DATE T.D. REACHED 12-17-13 17. DATE COMPL. (Ready to prod.) 6-25-14 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6675' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7622' MD TVD 21. PLUG BACK T.D., MD & TVD 7577' MD TVD 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)*
7038' - 7224'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
Spectral Density, high Resolution Induction Log, CBL LOG

27. WAS WELL CORED

23. 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" J-55	24#	515'	12 1/4"	350 sks to surface	40 bbls
5 1/2" J-55	17#	7596'	7 7/8"	1220 sks to surface	50 bbls

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7022'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
7038' - 7224'	.46	238

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	ACID: 7000 gal of 7 1/2% MCA w/additives
	Frac: Pumped 4032795 SCF N2, Pumped 47966
	Delta Foam . Used 1450 sks of 20/40 CRC sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	STATUS (Producing or shut)
6-25-14	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FO	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
6-25-14	24	1/2"	TEST PERIOD	0	720	0	0

FLOW. TUBING PRESS	CASING PRESS	CALCULATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
100	220		0	720	0	0

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

TEST WITNESSED BY

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 [Signature], Amy Archuleta, TITLE Sr. Regulatory Supervisor, DATE 7/8/2014

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

JUL 09 2014

NMOC D TV

FARMINGTON FIELD OFFICE
BY: William Tambeku

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
San Jose	Surface					
Nacimiento	680'					
Ojo Alamo	2226'					
Kirtland	2408'					
Fruitland Coal	2687'					
Pictured Cliffs	2807'					
Lewis	2892'					
Chacra	3660'					
Mesa Verde	4446'					
Mancos	5183'					
Gallup	5513'					
Greenhorn	6946'					
Graneros	7000'					
Dakota	7166'					