

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 09 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 \_\_\_\_\_

2. NAME OF OPERATOR  
Elm Ridge Exploration Co. LLC

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

4. LOCATION OF WELL. (Report locations clearly and in accordance with any State requirements.)  
At Surface 1917' FSL X 2478' FEL

At top prod. Interval reported below

At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

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

6. INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME  
N/A Report To Lease

8. FARM OR LEASE NAME, WELL NO.

Jicarilla Apache F 19

9. API WELL NO.  
30-039-31130 - 0051

10. FIELD AND POOL OR WILDCAT  
Lindrith Gallup Dakota West

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
"J" Sec. 17-T25N-R5W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

15. DATE SPUDDED 9-25-13 16. DATE T.D. REACHED 10-6-13 17. DATE COMPL. (Ready to prod) 1-3-14 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6596' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7622' MD 21. PLUG BACK T.D., MD & TVD 7577' MD 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)\*  
7040-7100'

25. WAS DIRECTIONAL SURVEY MADE \_\_\_\_\_

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

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#	522'	12 1/4"	350 sks to surface	20 bbls
5 1/2" J-55	15.5#	7622'	7 7/8"	1280 sks to surface	45 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"	7047'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
7040' - 7100'	.46	228

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7040' - 7100'	ACID: 5000 gal of 7 1/2% MCA w/additives
	This well was not fractured.

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	STATUS (Producing or shut)
1-3-14	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FLOW OIL-BBLS.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
1-3-14	24	1/2"	TEST PERIOD	0	438	0

FLOW. TUBING PRESS.	CASING PRESS.	CALCULATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)
50	60		0	438	0	

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

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 \_\_\_\_\_ Amy Mackey TITLE Sr. Regulatory Supervisor DATE 1/7/2013

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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	575'					
Ojo Alamo	1960'					
Kirtland	2282'					
Fruitland Coal	2559'					
Pictured Cliffs	2694'					
Lewis	2764'					
Chacra	3554'					
Mesa Verde	4357'					
Mancos	5086'					
Gallup	5947'					
Greenhorn	6827'					
Graneros	6904'					
Dakota	7040'					