

(See other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

660' FNL x 1650' FWL

At top prod. Interval reported below

At total depth

675' FSL x 627' FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6-19-13

16. DATE T.D. REACHED

7-11-13

17. DATE COMPL. (Ready to prod.)

9-18-13

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

7180'

GL

20. TOTAL DEPTH, MD & TVD

7613'

MD

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

7568'

MD

22. IF MULTIPLE COMPL., HOW MANY*

TVD

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

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#	519'	12 1/4"	370 sks to surface	25 bbls
5 1/2" J-55	15.5#	7600'	7 7/8"	1555 sks to surface	125 bbls

RCVD OCT 30 '13
OIL CONS. DIV.
DIST. 3

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7155'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL SIZE NUMBER
7146' - 7264' .46 274

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7146' - 7264'	ACID: 6966 gal of 7 1/2% MCA w/additives
	FRAC: Pumped 3787 MCSF of N2 followed by 43244 gal
	TQ Delta w/BBC frac fluid.
	Pumped 1556 sks of 20/40 CRC w/max BH concent

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					STATUS (Producing or shut in)
9-13-13		Flowing					Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FLOW	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-18-13	24	1/2"	TEST PERIOD	102	980	0	0
FLOW. TUBING PRESS	CASING PRESS	CALCULATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
130	420	24-HOUR RATE	102	980	0	ACCEPTED FOR	

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

Vented

TEST WITNESSED BY

OCT 28 2013

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

TITLE

Sr. Regulatory Supervisor

DATE 10/15/2013

*(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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
San Jose	Surface		
Nacimiento	1179'		
Ojo Alamo	2419'		
Fruitland	2591'		
Pictured cliffs	2792'		
Lewis	2901'		
Mesa Verde	4417'		
Mancos	5278'		
Greenhorn	7061'		
Graneros	7129'		
Dakota	7145'		

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH