

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____	1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> Other _____	2. NAME OF OPERATOR Elm Ridge Exploration Co. LLC	3. ADDRESS AND TELEPHONE NO Po Box 156 Bloomfield NM 87413	4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements *) At Surface 1750' FSL X 1730' FEL At top prod. Interval reported below At total depth	5. LEASE DESIGNATION AND SERIAL NO BIA Contract 40 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache 7. UNIT AGREEMENT NAME Farmington Field Office Bureau of Land Management 8. FARM OR LEASE NAME, WELL NO Jicarilla 40 GD 3 9. API WELL NO 30-039-30248 10. FIELD AND POOL OR WILDCAT Basin Mancos OR AREA "J" Sec. 35-T24N-R5W 12. COUNTY OR PARISH Rio Arriba 13. STATE NM
15. DATE SPUNDED 11-22-11	16. DATE T.D. REACHED 12-8-11	17. DATE COMPL. (Ready to prod.) 3-5-12	18. ELEVATIONS (DT, RKB, RT, GR, ETC) * 6787' GL	19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7171' MD TVD	21. PLUG BACK T.D., MD & TVD 7109' MD TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY X	24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* (6272' - 6398') Basin Mancos (Squeezed off) (5644' - 5840') Basin Mancos (Producing)	
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"	24#	381'	12 1/4"	260 sks to surface	
5 1/2"	15.5#	7154'	7 7/8"	1100 sks to surface	
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" 5644'
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
6272' - 6398'	.46	228	6272' - 6398'	ACID - 19000 gals 7 1/2" MCA Acid w/ additives	
5644' - 5840'	.46	262	5644' - 5840'	FRAC - Pumped 4550 gals N2 followed by 64755 gals 17 Cp 17Q delta with bbc frac fluid 227182 gals 17 CP 17Q Delta 140 w/BBC frac fluid. Pumped 2150 sks 20/40 CRC w/ max BH concentration	

33.* PRODUCTION						
DATE FIRST PRODUCTION 2-28-12		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				L STATUS (Producing or shut in) Producing
DATE OF TEST 3-1-12	HOURS TESTED 24	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD OIL-BBL.	GAS-MCF. 14	WATER-BBL. 0	GAS-OIL RATIO 0
FLOW. TUBING PRESS 50	CASING PRESSURE 280	CALCULATE 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY

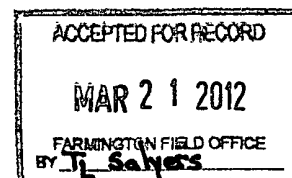
## 35. LIST OF ATTACHMENTS

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

SIGNED Nicole Alby TITLE Administrative Specialist DATE 3/5/2012

For Additional Data on Reverse Side)

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.

NMOCD *W*

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**

[illegible]

(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 <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5 LEASE DESIGNATION AND SERIAL NO BIA Contract 40	
1b. TYPE OF WELL NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESUR <input type="checkbox"/> Other _____		6 IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2 NAME OF OPERATOR Elm Ridge Exploration Co LLC		7 UNIT AGREEMENT NAME	
3 ADDRESS AND TELEPHONE NO Po Box 156 Bloomfield NM 87413		8 FARM OR LEASE NAME, WELL NO Jicarilla 40 GD 3	
4 LOCATION OF WELL (Report locations clearly and in accordance with any State requirements) At Surface 1750' FSL X 1730' FEL At top prod Interval reported below At total depth		9 API WELL NO 30-039-30248-0002	
14 PERMIT NO		10 FIELD AND POOL OR WILDCAT Otero Gallup	
DATE ISSUED MAR 08 2012		13 STATE NM	
15 DATE SPUDDED 11-22-11		12 COUNTY OR PARISH Rio Arriba	
16 DATE 1 D REACHED 12-8-11		13 STATE NM	
17 DATE COMPL (Ready to prod) 1-4-12 3/5/12		19 ELEV CASINGHEAD 6787' GL	
18 ELEVATIONS (OF, RKB, RT, GR, ETC)*		20 TOTAL DEPTH, MD & TVD 7171' MD IVD 7109' MD TVD	
21 PLUG BACK 1 D MD & TVD		22 IF MULTIPLE COMPL., HOW MANY*	
23 INTERVALS DRILLED BY X		24 PRODUCING INTERVALS, OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <del>(6812' - 6995') Basin Dakota (Squeezed off)</del> <del>(6272' - 6398') Otero Gallup (Squeezed off)</del> X (5644' - 5840') Otero Gallup (Producing) X	
25 WAS DIRECTIONAL SURVEY MADE		26 TYPE ELECTRIC AND OTHER LOGS RUN Spectral Density, high Resolution Induction Log, CBL LOG	
27 WAS WELL CORED			

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#	381'	12 1/4"	260 sks to surface	
5 1/2"	15.5#	7154'	7 7/8"	1100 sks to surface	
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"	5644'				

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<del>6812' - 6995'</del>	<del>46</del>	<del>408</del>	6812' - 6995'	ACID : 35200 gals 7 1/2" MCA Acid w/ additives
6272' - 6398'	46	228	6272' - 6398'	FRAC : Pumped 7935 gals N2 followed by 120562 gals 17 Cp 17Q delta with bbc frac fluid 381543 gals
5644' - 5840'	46	262	5644' - 5840'	17 CP 17Q Delta 140 w/BBC frac fluid Pumped 4120sks 20/40 CRC w/ max BH concentration

33.* PRODUCTION						
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				L STATUS (Producing or shut in)	
2-28-12	Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. F.O.I.	OIL--BBL.	GAS--MCF.	WATER--BBL.
3-1-12	24	1/2"	TEST PERIOD	14	0	0
FLOW. TUBING PRESS	CASING PRESS	CALCULATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR)
50	280	24-HOUR RA				
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						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

*Administrative Specialist*

TITLE

Administrative Specialist

DATE

3/5/2012

\*See for Additional Data on Reverse Side)

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.

RCVD MAR 14 '12  
OIL CONS. DIV.  
DIST. 3

ACCEPTED FOR RECORD

NMOCD

MAR 09 2012

FARMINGTON FIELD OFFICE  
BY *[Signature]*

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

[illegible]