

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
REVISED

FEB 28 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 2086' FNL x 1806' FWL
At top prod. Interval reported below 1958' FSL X 1972' FEL
At total depth 1958' FSL X 1972' FEL

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED 10-30-13 16. DATE T.D. REACHED 11-12-13 17. DATE COMPL. (Ready to prod.) 1-19-14 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7213' GR 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 7836' MD 7407' TVD 21. PLUG BACK T.D., MD & TVD 7791' MD 7362' TVD 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)*
7310' - 7423'

25. WAS DIRECTIONAL SURVEY MADE
Yes

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#	606'	12 1/4"	385 sks to surface	25 bbls
5 1/2" J-55	17#	7823'	7 7/8"	1290 sks to surface	116 bbls

29. LINER RECORD					30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2 3/8"	7303'

31. PERFORMANCE RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7310' - 7423'	.46	324		7310' - 7423'	ACID: 6500 gal of 7 1/2% MCA w/additives
					FRAC: Pumped 5570467 MCSF of N2 followed by
					70438 gals of 17CP 70Q Delta w/BBC frac fluid.
					Pumped 2510 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)					LL STATUS (Producing or shut in)
1-19-14		Flowing					Producing oil
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FLOW TEST PERIOD	OIL--BBLs.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
1-26-14	24	1/2"	TEST PERIOD	109	751	37	
FLOW. TUBING PRESS	CASING PRESS	CALCULATE 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
105	590	TEST PERIOD	109	751	37		

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

TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
REVISED CSG WEIGHT

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 2/27/2014

ACCEPTED FOR RECORD

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

RECEIVED

FARMINGTON FIELD OFFICE
BY: William Tambakov

RCVD FEB 28 14
OIL CONS. DIV.
DIST. 3

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	1262'					
Ojo Alamo	2530'					
Fruitland	2807'					
Pictured cliffs	2896'					
Lewis	3018'					
Chacra	3381'					
Mesa Verde	4600'					
Mancos	5431'					
Gallup	6050'					
Greenhorn	7229'					
Graneros	7290'					
Dakota	7308'					

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 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, 505-632-3476					
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*					
At Surface 2086' FNL x 1806' FWL					
At top prod. Interval reported below 1958' FSL X 1972' FEL					
At total depth 1958' FSL X 1972' FEL					

5. LEASE DESIGNATION AND SERIAL NO.	
BIA 360	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
Jicarilla Apache	
7. UNIT AGREEMENT NAME	
N/A	
8. FARM OR LEASE NAME, WELL NO.	
Chacon Amigos 11	
9. API WELL NO.	
30-043-21143	
10. FIELD AND POOL OR WILDCAT	
Lindrith Gallup Dakota West	
11. SEC. T., R., M. OR BLOCK AND SURVEY OR AREA	
Surface: "F" Sec. 1-T22N-R3W	

14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH		13. STATE	
				Sandoval County		NM	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
10-30-13		11-12-13		1-19-14		7213' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
		7836' MD 7407' TVD		7791' MD 7362' TVD			
23. INTERVALS		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	
DRILLED BY		7310' - 7423'		Yes		Spectral Density, high Resolution Induction Log, CBL LOG	
ROTARY TOOLS				27. WAS WELL CORED			
CABLE TOOLS							

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#	606'	12 1/4"	385 sks to surface	25 bbls
5 1/2" J-55	15.5#	7823'	7 7/8"	1290 sks to surface	116 bbls

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7303'	

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
7310' - 7423'	.46	324	7310' - 7423'	ACID: 6500 gal of 7 1/2% MCA w/additives
				FRAC: Pumped 5570467 MCSF of N2 followed by
				70438 gals of 17CP 70Q Delta w/BBC frac fluid.
				Pumped 2510 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)	
1-19-14		Flowing				Producing oil	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOI	OIL-BBLS.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
1-26-14	24	1/2"	TEST PERIOD	109	751	37	
FLOW. TUBING PRESS	CASING PRESS	CALCULATE 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
105	590		109	751	37		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
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	TITLE	DATE
	Sr. Regulatory Supervisor	1/28/2014

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

NMOC TV

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	1262'					
Ojo Alamo	2530'					
Fruitland	2807'					
Pictured cliffs	2896'					
Lewis	3018'					
Chacra	3381'					
Mesa Verde	4600'					
Mancos	5431'					
Gallup	6050'					
Greenhorn	7229'					
Graneros	7290'					
Dakota	7308'					