

(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 Pay Add

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 990' FSL x 1650' FWL
At top prod. Interval reported below
At total depth

5 LEASE DESIGNATION AND SERIAL NO
Jicarilla Contract #9 Tract 400

6 IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO
Jicarilla Apache A3

9. API WELL NO
30-039-05892

10 FIELD AND POOL OR WILDCAT
Lindrith Gallup-Dakota West

11 SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
"N" Sec. 23-T25N-R5W

12 COUNTY OR PARISH
Rio Arriba

13 STATE
NM

14 PERMIT NO _____ **DATE ISSUED** _____

15 DATE SPUDDED 9-29-55 **16 DATE T.D. REACHED** 11-10-55 **17 DATE COMPL. (Ready to prod.)** _____ **18 ELEVATIONS (DF, RKB, RT, GR, ETC.)*** 6764' KB **19 ELEV. CASINGHEAD** _____

20 TOTAL DEPTH, MD & TVD 7505' MD TVD 7348' MD TVD **21 PLUG BACK T.D., 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)*
6301'-6493' Lindrith Gallup - Dakota West

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
13 3/8"	36#	217'	17 1/4"	250 sks	
8 5/8" J55	32#	3027'	11"	450 Sks	
5 1/2" J55	17#	7505'	7 7/8"	900 sks	

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"	6523'	

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
6301'-6493'	.46	152	6301'-6493'	500 Gallons of 7 1/2% MCA acid with Clay stabilizer
				HAI 404, FE-1A, Musal dble inhbr, 756 MSCF N2,
				639 Galls of 17 CP Delta w/BBC frac fluid, 25000g
				17 CP 70Q Delta 140 702 sks of 20/40 CRC sand

33.* PRODUCTION

DATE FIRST PRODUCTION _____ **PRODUCTION METHOD** (Flowing, gas lift, pumping--size and type of pump) _____ **L STATUS** (Producing or shut in) _____

Will Submit Sundry Notice

DATE OF TEST _____ **HOURS TESTED** _____ **CHOKE SIZE** _____ **PROD'N. FOR TEST PERIOD** _____ **OIL--BBL.** _____ **GAS--MCF.** _____ **WATER--BBL.** _____ **GAS-OIL RATIO** _____

FLOW. TUBING PRESS _____ **CASING PRESS** _____ **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

NMOCD

Administrative Manager

DATE

11/7/2011

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland Formation	2150					
Pictured Cliffs Formation	2537					
Chacra Mesa Member	3413					
Cliff House Formation	4220					
Point Lookout Formation	4740					
Mancos Formation	4935					
Gallup Formation	5918					
Greenhorn Member of the Mancos Formation	6700					
Dakota Formation	6905					
Morrison Formation	7100					

(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 Pay Add
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 990' FSL x 1650' FWL
At top prod Interval reported below
At total depth

5 LEASE DESIGNATION AND SERIAL NO Jicarilla Contract #9 Tract:10
6 IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
7 UNIT AGREEMENT NAME
8 FARM OR LEASE NAME, WELL NO Jicarilla Apache A3
9 API WELL NO 30-039-05892
10 FIELD AND POOL OR WILDCAT Gallup West Lindbergh
11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA "N"Sec.23-T25N-R5W

12 COUNTY OR PARISH Rio Arriba 13 STATE NM
14 PERMIT NO DATE ISSUED
15 DATE SPUDDED 9/29/55 245781 16 DATE T.D. REACHED 11/19/55 35501 17 DATE COMPL. (Ready to prod) 7179' KB 18 ELEVATIONS (DF, RKB, RT, GR, ETC) * 19 ELEV CASINGHEAD
20 TOTAL DEPTH, MD & TVD 7505' MD 7634' 21 PLUG BACK T.D., MD & TVD 7345' MD 7525' 22 IF MULTIPLE COMPL., HOW MANY* 23 INTERVALS DRILLED BY X 24 PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6301'-6493' 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" J55	24#	3027 205'	12 1/4"	250 sks to surface	
5 1/2" J55	10 5#	7505 7072'	7 7/8"	720 sks to surface	
13 3/8	36 #	217'	17"	250 sks	

LINER RECORD					TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	PACKER SET (MD)
					2 3/8"	6523'

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
6301'-6493'	.46	152	6301'-6493'	500 Gallons of 7 1/2% MCA acid with Clay stabilize
				HAI 404.FE-1A, Musal dble inhbr 756 MSCF N2.
				9639 Galls of 17 CP Delta w/BBC frac fluid, 25000g
				17 CP 70Q Delta 140 702 sks of 20/40 CRC sand.

33.* PRODUCTION
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) L STATUS (Producing or shut in)
Not producing no pumpjack/motor
DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOI OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
TEST PERIOD
FLOW. TUBING PRESS CASING PRESSURE CALCULATE 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL—BBL.

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 Shalea Benavides TITLE Administrative Specialist DATE 9/7/2011

Farmington Field Office
Bureau of Land Management

OCT 19 2011

RECEIVED

APPROVED FOR RECORD

OCT 20 2011

FARMINGTON FIELD OFFICE

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form. see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2713'	2713'
Kirtland	2811'	2811'
Fruitland	2918'	2918'
Pictured Cliffs	3027'	3027'
Lewis	3184'	3184'
Chacra	3845'	3845'
Cliff House	4670'	4670'
Menefee	4755'	4755'
Point Lookout	5110'	5110'
Mancos	5410'	5410'
Gallup	6243'	6243'
Sanostee	6935'	6935'
Greenhorn	7170'	7170'
Graneros	7237'	7237'
Dakota "A"	7257'	7257'
Dakota "B"	7360'	7360'
Dakota "D"	7450'	7450'
Burro Canyon	7533'	7533'

(July 1992)

Amended

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED

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 _____
1b. TYPE OF WELL		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
			DIFF RESV. <input type="checkbox"/>	Other Pay Add _____	
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 990' FSL x 1650' FW					
At top prod Interval reported below					
At total depth					
14 PERMIT NO			DATE ISSUED		
			OCT 27 2011		
5 LEASE DESIGNATION AND SERIAL NO					
Jicarilla Contract #9 Tract:10					
6 IF INDIAN, ALLOTTEE OR TRIBE NAME					
Jicarilla Apache					
7 UNIT AGREEMENT NAME					
8 FARM OR LEASE NAME, WELL NO					
Jicarilla Apache A3					
9 API WELL NO					
30-039-05892					
10 FIELD AND POOL OR WILDCAT					
Gallup, West Lindrith					
11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA					
"N"Sec.23-T25N-R5W					
12 COUNTY OR PARISH				13 STATE	
Rio Arriba				NM	

15 DATE SPUDDED	16 DATE T.D. REACHED	17 DATE COMPL. (Ready to prod.)	18 ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19 ELEV. CASINGHEAD
9-29-55	11-10-55		6764' KB	
20 TOTAL DEPTH, MD & TVD		21 PLUG BACK T.D., MD & TVD		22 IF MULTIPLE COMPL., HOW MANY*
7505' MD	TVD	7348' MD	TVD	
23 INTERVALS				
DRILLED BY → X				
24 PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				
6301'-6493'				

25 WAS DIRECTIONAL SURVEY-MADE	27 WAS WELL CORED
	DIST. 3

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
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LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6523'	

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
6301'-6493'	46	152	6301'-6493'	500 Gallons of 7 1/2% MCA acid with Clay stabilize
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				9639 Galls of 17 CP Delta w/BBC frac fluid,25000g,
				17 CP 70Q Delta 140 702 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 in)	
						Not producing no pumpjack/motor	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOI	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			TEST PERIOD →				
FLOW. TUBING PRESS	CASING PRESS	CALCULATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR)	
		24-HOUR RATE →					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
	FARMINGTON FIELD OFFICE

35. LIST OF ATTACHMENTS

36 I hereby certify that the foregoing and attached information is complete and correct as far as it goes and that all available records have been examined.		
SIGNED <u>Shalea Be mose</u>	TITLE <u>NMOC Administrative Specialist</u>	DATE <u>9/7/2011</u>

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
Kirtland Formation	2150					
Pictured Cliffs Formation	2537					
Chacra Mesa Member	3413					
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Mancos Formation	4935					
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Greenhorn Member of the Mancos Formation	6700					
Dakota Formation	6905					
Morrison Formation	7100					