

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

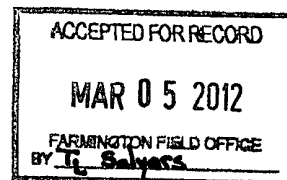
## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO BIA 360	
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 _____		6 IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2 NAME OF OPERATOR Elm Ridge Exploration Co. LLC		7 UNIT AGREEMENT NAME N/A	
3 ADDRESS AND TELEPHONE NO Po Box 156 Bloomfield NM 87413, 505-632-3476		8 FARM OR LEASE NAME, WELL NO Bonanza 9	
4 LOCATION OF WELL (Report locations clearly and in accordance with any State requirements *) At Surface 1930' FSL x 1970' FEL At top prod. Interval reported below At total depth		9 API WELL NO 30-043-21002	
10 FIELD AND POOL OR WILDCAT Lindrith Gallup Dakota West		11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA "J" Sec. 12-T22N-R3W	
12 COUNTY OR PARISH Sandoval County		13 STATE NM	
14 PERMIT NO	DATE ISSUED	19 ELEV. CASINGHEAD	
15 DATE SPUDDED 12-12-11	16 DATE T.D. REACHED 12-24-11	17 DATE COMPL. (Ready to prod.) 1-27-12	18 ELEVATIONS (DF, RKB, RT, GR, ETC.) * 7186' GL
20 TOTAL DEPTH MD & TVD 7190' MD	21 PLUG BACK T.D., MD & TVD 6900' MD	22 IF MULTIPLE COMPL., HOW MANY*	23 INTERVALS DRILLED BY X
24 PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* (6944'-6991') Lindrith Gallup Dakota West (Squeezed off) (6754'-6813') Lindrith Gallup Dakota West (Producing)			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
8 5/8" J-55	24#	396'	12 1/4"
5 1/2" J-55	15.5#	7153'	7 7/8"
29 LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30 TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	6849'		
31. PERFORATION RECORD (Interval, size and number)			
INTERVAL	SIZE	NUMBER	
6944'-6991'	.46	188	
6754'-6813'	.46	184	
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
6944'-6991'	ACID: 10,000 gal of 7 1/2% MCA w/additives		
6754'-6813'	FRAC: Pumped 1644 gal of N2 followed by 28,374 gals of 70Q Delta w/BBC frac fluid 80,225 gals of 17CP 70Q Delt. Pumped 716 sks of 20/40 CRC w/max BH concentra		
33.* PRODUCTION			
DATE FIRST PRODUCTION 1-20-12	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		LL STATUS (Producing or shut in) Producing
DATE OF TEST 1-20-12	HOURS TESTED 24	CHOKE SIZE 3/4"	PROD'N. F.O.I. TEST PERIOD 27.5
FLOW. TUBING PRESS. 0	CASING PRESS. 0	CALCULATE 24-HOUR RATE 27.5	GAS-MCF. 27.5
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 Mark Alley	TITLE Production Assistant		DATE 2/17/2012

\* (See Instructions and Spaces 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

\* Revised item #24 2/27/11.

RCVD MAR 7 '12  
OIL CONS. DIV.  
DIST. 3MOCD  
A

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	1151'					
Ojo Alamo	2250'					
Kirtland	2358'					
Pictured cliffs	2558'					
Lewis	2710'					
Chacra	2975'					
Mesa Verde	4064'					
Mancos	4860'					
Greenhorn	6668'					
Dakota	6753'					

Amended

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

RECEIVED

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

1930' FSL x 1970' FEL

At top prod. Interval reported below

At total depth

## 5. LEASE DESIGNATION AND SERIAL NO.

BIA 360

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

## 7. UNIT AGREEMENT NAME

N/A

Farmington Field Office

Bureau of Land Management

## 8. FARM OR LEASE NAME, WELL NO.

Bonanza 9

## 9. API WELL NO

30-043-21002-0051

## 10. FIELD AND POOL OR WILDCAT

Lindrith Gallup Dakota West

## 11. SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

"J" Sec.12-T22N-R3W

## 12. COUNTY OR PARISH

Sandoval County

## 13. STATE

NM

## 15. DATE SPUDDED

12-12-11

## 16. DATE T.D. REACHED

12-24-11

## 17. DATE COMPL. (Ready to prod.)

1-27-12

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

7186' GL

## 19. ELEV. CASINGHEAD

## 20. TOTAL DEPTH, MD &amp; TVD

7190' MD

## 21. PLUG BACK T.D. MD &amp; TVD

TVD 6900' MD

## 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)\*

(6944'-6991') Lindrith Gallup Dakota West

(6754'-6813') 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
8 5/8" J-55	24#	396'	12 1/4"	260 sks to surface	
5 1/2" J-55	15.5#	7153'	7 7/8"	1270 sks to surface	

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"	6849'	

## 31. PERFORMANCE RECORD (Interval, size and number)

## INTERVAL

## SIZE

## NUMBER

6944'-6991'

.46

188

6754'-6813'

.46

184

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

## DEPTH INTERVAL (MD)

## AMOUNT AND KIND OF MATERIAL USED

6944'-6991'

ACID: 10,000 gal of 7 1/2% MCA w/additives

6754'-6813'

FRAC: Pumped 1644 gal of N2 followed by 28,374 gals of

70Q Delta w/BBC frac fluid 80,225 gals of 17CP 70Q Delta

Pumped 716 sks of 20/40 CRC w/max BH concentra

## 33.\* PRODUCTION

## DATE FIRST PRODUCTION

1-20-12

## PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

## LL STATUS (Producing or shut in)

Producing

## DATE OF TEST

1-20-12

## HOURS TESTED

24

## CHOKE SIZE

3/4"

## PROD'N. FOR TEST PERIOD

OIL—BBL.

27.5

## GAS—MCF.

## WATER—BBL.

27.5

## GAS-OIL RATIO

## FLOW. TUBING PRESS

0

## CASING PRESS

0

## CALCULATED 24-HOUR RATE

24

## OIL—BBL.

27.5

## GAS—MCF.

## WATER—BBL.

27.5

## 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

Heidi ally

TITLE

Production Assistant

DATE

2/17/2012

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

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RCVD FEB 24 '12

OIL CONS. DIV.

DIST. 3

ACCEPTED FOR RECORD

FEB 23 2012

FARMINGTON FIELD OFFICE  
BY Sh

NMOC

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	1151'					
Ojo Alamo	2250'					
Kirtland	2358'					
Pictured cliffs	2558'					
Lewis	2710'					
Chacra	2975'					
Mesa Verde	4064'					
Mancos	4860'					
Greenhorn	6668'					
Dakota	6753'					

**RECEIVED**

FORM APPROVED  
OMB NO 1004-0137  
Expires February 28, 1995

RCVD FEB 20 '12  
OIL CONS. DIV.  
DIST. 3

**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 1930' FSL x 1970' FEL**  
**At top prod. Interval reported below**  
**At total depth**

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  
**Bonanza 9**  
9. API WELL NO  
**30-043-21002**  
10 FIELD AND POOL OR WILDCAT  
**Lindrith Gallup Dakota West**  
11 SEC T R M. OR BLOCK AND SURVEY OR AREA  
**"J" Sec.12-T22N-R3W**

14 PERMIT NO \_\_\_\_\_ DATE ISSUED \_\_\_\_\_  
12 COUNTY OR PARISH **Sandoval County** 13 STATE **NM**  
15 DATE SPUDDED **12-12-11** 16 DATE T.D. REACHED **12-24-11** 17 DATE COMPL. (Ready to prod.) **1-27-12** 18 ELEVATIONS (DF RKB RT GR. ETC) \* **7186' GL** 19 ELEV CASINGHEAD  
20 TOTAL DEPTH MD & TVD **7190' MD 6900' TVD** 21 PLUG BACK T.D. MD & TVD **6900' MD 6754' TVD** 22 IF MULTIPLE COMPL. HOW MANY\* **1** 23 INTERVALS DRILLED BY **X** ROTARY TOOLS CABLE TOOLS  
24 PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP BOTTOM NAME (MD AND TVD)\*  
**(6944'-6991') Lindrith Gallup Dakota West**  
**(6754'-6813') Lindrith Gallup Dakota West**

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#	401'	12 1/4"	260 sks to surface	
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**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"	6849'	

**31. PERFORMANCE RECORD (Interval, size and number)**

INTERVAL	SIZE	NUMBER
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DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
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**33.\* PRODUCTION**

DATE FIRST PRODUCTION **1-20-12** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **Flowing** LL STATUS (Producing or shut in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
1-20-12	24	3/4"		27.5		27.5	

FLOW. TUBING PRESS **0** CASING PRESS **0** CALCULATE 24-HOUR RATE **27.5** OIL--BBL. **27.5** GAS--MCF. **27.5** WATER--BBL. **27.5** 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 *Resale Alky* TITLE Production Assistant DATE 2/17/2012

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

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**ACCEPTED FOR RECORD**

**FEB 17 2012**

**FARMINGTON FIELD OFFICE  
BY *[Signature]***

**NMOCD**

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		
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