

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No 1004-0135  
Expires July 31, 1996

5. Lease Serial No.

SF-078362

6. If Indian, Allottee or Tribe Name

RCVD NOV 28 '07

7. If Unit or CA/Agreement, Name and/or N

OIL CONS. DIV.

DIST. 3

8. Well Name and No.

Marcus #7

9. API Well No.

30-039-24035

10. Field and Pool, or Exploratory Area

Lybrook Gallup

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Exploration Company, LLC

3a. Address

PO BOX 156, Bloomfield, NM 87413

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 1-T23N-R7W

640' FSL X 2005' FWL

NOV 21 2007  
Bureau of Land Management  
Albuquerque Field Office  
505-632-3476

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13 Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Elm Ridge Exploration Company, LLC has plugged and abandoned this well as of 11-16-07 as follows;  
Plug#1) Sting into retainer, pump 10 sks of Type V neat cement below retainer and spot 10 sks on top of retainer.  
Plug#2) Perf 4 holes at 3010'. Pump 39 sks of Type V neat cement below retainer, spot 11 sks on top of retainer.  
Plug#3) Perf 4 holes at 2568'. Pump 28 sks of Type V neat cement below retainer, spot 6 sks on top of retainer.  
Plug#4) Balance plug from 2174' to 1397'. Pump 63 sks of Type V neat cement. Plug#5)  
Perf 4 holes at 303'. Pump 93 sks of Type V neat cement top surface. Topped off casing with cement. Job was  
witnessed by Cliff Ollom with the BLM.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sharla O'Kelly

Title

Production Assistant

Signature

Sharla O'Kelly

Date

November 20, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

FARMINGTON FIELD OFFICE

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.

(Instructions on reverse)

NMOC

# **CEMENT JOB SUMMARY SHEET**

**Job Type**

**PLUG TO ABANDON**

				<b>Measure</b>	
<b>Casing</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>d Depth</b>	<b>Total Casing</b>
<b>Surface</b>	<b>8 5/8"</b>	<b>24#</b>		<b>253'</b>	<b>253'</b>
<b>Intermediate</b>					
<b>Production</b>	<b>4 1/2"</b>	<b>10.5#</b>		<b>5789'</b>	<b>5789'</b>
<b>Tubing</b>					
<b>Drill Pipe</b>					
<b>Open Hole</b>	<b>7 7/8"</b>			<b>5790'</b>	

## **CEMENT DATA**

<b>Spacer</b>	<b>0 Bbls H2O</b>				
<b>Cement 1</b>	<b>TYPE V</b>				<b>35 Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 2</b>	<b>TYPE V</b>				<b>50 Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 3</b>	<b>TYPE V</b>				<b>34 Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 4</b>	<b>TYPE V</b>				<b>63 Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 5</b>	<b>TYPE V</b>				<b>93 Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 6</b>	<b>TYPE V</b>				<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 7</b>	<b>TYPE V</b>				<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 8</b>	<b>TYPE V</b>				<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 9</b>	<b>TYPE V</b>				<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Cement 10</b>	<b>TYPE V</b>				<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>				
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>	<b>Water (gal/sk)</b> <b>5.20</b>
<b>Displacement</b>	<b>H2O</b>		<b>8.33 (lb/gal)</b>		

## **CEMENTING EQUIPMENT**

<b>Provider</b>			
<b>Guide Shoe</b>	<b>ea.</b>	<b>Centralizers</b>	<b>ea.</b>
<b>Float Shoe</b>	<b>ea.</b>	<b>Plug Type</b>	<b>ea.</b>
<b>Float Collar</b>	<b>ea.</b>	<b>Packer</b>	<b>ft.</b>
<b>DV Tool</b>	<b>2258' ft.</b>	<b>Retainer</b>	<b>ft.</b>

SUPERIOR JOB LOG				TICKET #		TICKET DATE	
REGION				NWA / COUNTRY		BDA / STATE	
NORTH AMERICA LAND				ROCKY MOUNTAIN		NM	
MBU ID / EMPL #				H.E.S. EMPLOYEE NAME		PSL DEPARTMENT	
LOCATION				SHELDON JONES		ZONAL ISOLATION	
FARMINGTON, NM				ELMRIDGE		CUSTOMER REP / PHONE	
TICKET AMOUNT				WELL TYPE		API/WI#	
WELL LOCATION				DEPARTMENT		JOB PURPOSE CODE	
LAND				Cement		Description	
LEASE / WELL #				SEC /		TWP /	
MARCUS				#7		RIG	
Chart No.		Time	Rate (BPM)	Volume (BBL/GAL)	Pmps T C	Press. (PSI) Tbg Csg	Job Description / Remarks
15-Nov	7:00						ARRIVED ON LOCATION
							LOCATION ASSESSMENT & SAFETY MEETING
							SPOT AND RIG UP EQUIPMENT
	7:56						START JOB PLUG #2
	8:10	1	5			950	LOAD WELL
	8:41	1.5	10.5			550	PUMP CEMENT @15.6# 50SKS TYPE V NEAT
	8:48	1.5	9.14			860	PUMP DISPLACEMENT TO 2363'
	8:54						PULL OUT OF RETAINER
		1.5	10.8			25	CONT. DISPLACEMENT TO 2799'
							CHECK PLUG BALANCE (PLUG GOOD)
	9:09						PULL UP HOLE AND REVERSE CURCULATE
							SHOOT HOLES @ 2568'
							RUN AND SET RETAINER @2515'
	11:00						START JOB PLUG #3
	11:20	1	3			650	ESTABLISH INJECTION RATE
	11:30	1.5	7			550	PUMP CEMENT @15.6# 34sks TYPE V
	11:35	1.5	8.4			670	PUMP DISPLACEMENT TO 2189'
	11:40						PULL OUT OF RETAINER
		1	9.4			25	CONT. DISPLACEMENT TO 2427'
							CHECK PLUG BALANCE (PLUG GOOD)
	11:50						PULL UP HOLE AND REVERSE CURCULATE
	12:30						END JOB 2HR PUMP, 6HR LOC.
16-Nov	7:00						ARRIVED ON LOCATION
							RUN TUBING TO 2174'
	7:50						START JOB PLUG #4 LOAD WELL
	8:09	2	13.2			75	PUMP CEMENT @15.6# 63 SKS TYPE V NEAT
	8:28	2	4.8			50	PUMP DISPLACEMENT TO 1255'
	8:31						CHECK PLUG BALANCE (PLUG GOOD)
							PULL UP HOLE AND REVERSE CURCULATE
							PULL TUBING OUT OF HOLE
							SHOOT HOLES @ 303'
	9:39						START JOB PLUG #5
		1.8	30				CIRCULATE WELL
	10:37	1.5	20			550	PUMP CEMENT @15.6# 93SKS TYPE V NEAT
	11:35						TOP OFF WELL
	12:30						END JOB 2HR PUMP, 6HR LOC.

