

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. ☐ Oil Well ☒ Gas Well ☐ Other  
2. Name of Operator  
Elm Ridge Exploration Company, LLC  
3a. Address  
PO Box 156 Bloomfield, NM 87413  
3b. Phone No. (include area code)  
(505) 632-3476 ext. 201  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
920' FNL X 1460' FWL  
C - Sec.3-T23N-R2W NE/NW

5. Lease Serial No.  
Contract # 156  
6. If Indian, Allottee or Tribe Name  
Jicarilla Apache  
7. If Unit or CA Agreement, Name and No.  
210 FARMINGTON NM  
8. Well Name and No.  
Jicarilla #1  
9. API Well No.  
30-039-21254  
10. Field and Pool, or Exploratory Area  
WC: 23N2W3C; Gallup  
11. County or Parish, State  
Rio Arriba County, NM

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 recomple 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 recompletion 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 Co LLC Plugged and abandoned this well on 8-21-07 as follows: PLUG 1) Set a balanced plug to 6100'. Pumped 25 sks of cement to set up. Tagged cement @ 6075'. PLUG 2) Set balanced plug from 4744' to 4644' Pumped 20 sks of cement. Tagged cement @ 4580'. PLUG 3) Shot 4 holes @ 3553'. Set cement retainer @ 3503'. F 36 sks below retainer and 6 sks on top. PLUG 4) Shot for holes @ 3060'. Set cement retainer @ 3010'. Pumped 140 cement below and 51 sks on top. PLUG 5) Shot 4 holes @ 1400'. Set retainer @ 1350'. Pumped 36 below and 6 sks PLUG 6) Shot holes @ 219'. Pumped 138 sks through 5 1/2" csg to surface out the Bradenhead.  
BLM and Tribal Witness: Waymore Callado.

RCVD AUG 30 '07  
OIL CONS. DIV.  
DIST. 3

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

Name (Printed/Typed)

Amy Mackey

Title

Administrative Manager

Signature

Date

August 22, 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

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)

AUG 29 2007

NMOCD

FARMINGTON FIELD OFFICE

<b>SUPERIOR JOB LOG</b>						TICKET # <b>36-000550</b>	TICKET DATE <b>8/21/2007</b>
REGION <b>NORTH AMERICA LAND</b>		NWA / COUNTRY <b>ROCKY MOUNTAIN</b>				BDA / STATE <b>NM</b>	COUNTY <b>RIO ARRIBA</b>
MBU ID / EMPL #		H.E.S EMPLOYEE NAME <b>SHELDON JONES</b>				PSL DEPARTMENT <b>ZONAL ISOLATION</b>	
LOCATION <b>FARMINGTON, NM</b>		COMPANY <b>ELMRIDGE RESOURCES</b>				CUSTOMER REP / PHONE <b>LEONARD DEE #505-215-5172</b>	
TICKET AMOUNT		WELL TYPE <b>02 GAS</b>				API/UWI # <b>30-039-21254</b>	
WELL LOCATION <b>LAND</b>		DEPARTMENT <b>Cement</b>				JOB PURPOSE CODE	Description <b>PLUG TO ABANDON</b>
LEASE / WELL # <b>JICARILLA</b>		Well No. <b>#1</b>	SEC /		TWP /	RNG	
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps I C	Press.(PSI) Tbg Csg		Job Description / Remarks
8/15/2007	9:30						ARRIVED ON LOCATION
	9:35						LOCATION ASSESSMENT & SAFETY MEETING
	9:45						SPOT AND RIG UP EQUIPMENT
	9:30						RIG IS RUNNING RETAINER IN THE HOLE
	9:45						RETAINER SET @6150'
							RIG UP TO TUBING
	10:29						START JOB PLUG #1
							TEST LINES TO 3500PSI
	10:31						TEST TUBING TO 1500PSI
	10:34	3	140			880	LOAD HOLE 10 3BBLs, 140BBLs CLEAN OUT
	11:26						TEST CASING TO (PRESSURED UP TO 500 HELD 250)
	11:34						STING INTO RETAINER
	11:40						ESTABLISH INJECTION RATE PRESSURED UP TO 1700 PSI
	11:53						PUMP CEMENT@15.6# 34SKS
	11:59						SPOT CMT TO END OF TUBING @5975', 17BBLs
	12:06						STING INTO RETAINER
							CONTINUE PUMPING DISPLACEMENT
	12:30						PRESSURED UP TO 2400 PSI
	12:40						CO. REP. DECIDED TO CIRCULATE CEMENT TO THE PIT
							AND DRILL CMT RETAINER OUT AND SPOT OVER ZONE
		3	140				REVERSE CIRCULATE WELL 140BBLs
							END JOB
18-Aug	8:15						ARRIVED ON LOCATION
							RIG IS RUNNING TUBING IN THE HOLE
							START JOB PLUG #2
	9:05	2	4			650	ESTABLISH CIRCULATION
	9:13	2	5.3			410	PUMP CEMENT @15.6# 35 SKS W/ 2% C.C.
	9:17	2	23.4			350	PUMP DISPLACEMENT TO 6047', 23 4BBLs
							CHECK PLUG, (PLUG BALANCE IS GOOD)
	9:45						PULL UP HOLE AND REVERSE CIRCULATE
							TAGGED CEMENT @6075'
							PULL PIPE TO 4751'
	12:10						START JOB PLUG #3
		2	5				ESTABLISH CIRCULATION
	12:25	2	4.2			340	PUMP CEMENT @15.6# 20 SKS W/ 2% C.C.
	12:30	2	18			200	PUMP DISPLACEMENT TO 4557', 17.6BBLs
	12:40						CHECK PLUG, (PLUG BALANCE IS GOOD)
	13:30						END JOB
20-Aug	8:45						ARRIVED ON LOCATION
							RIG IS PULLING TUBING OUT OF HOLE
	10:15						SHOOT HOLES @3553'

<b>SUPERIOR JOB LOG</b>						TICKET #	TICKET DATE
REGION		MWA / COUNTRY		BDA / STATE		COUNTY	
NORTH AMERICA LAND		ROCKY MOUNTAIN		NM		RIO ARRIBA	
MBU ID / EMPL #		H.E.S EMPLOYEE NAME		PSL DEPARTMENT			
		SHELDON JONES		ZONAL ISOLATION			
LOCATION		COMPANY		CUSTOMER REP / PHONE			
FARMINGTON, NM		ELMRIDGE RESOURCES		LEONARD DEE #505-215-5172			
TICKET AMOUNT		WELL TYPE		API/UMI #			
		02 GAS		30-039-21254			
WELL LOCATION		DEPARTMENT		JOB PURPOSE CODE		Description	
LAND		Cement				PLUG TO ABANDON	
LEASE / WELL #		SEC /		TWP /		RNG	
JICARILLA		#1					
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T C	Press.(PSI) Tbg Csg	Job Description / Remarks	
20-Aug	10:50	2.5	18		510	ESTABLISH INJECTION RATE	
	11:40					RUN RETAINER AND SET @3503'	
	11:58					START JOB PLUG #4	
						ESTABLISH INJECTION RATE	
	12:04					TEST CASING TO 1000PSI (DID NOT TEST)	
	12:16	2	8.8		100	PUMP CEMENT @15.6# 42SKS NEAT	
	12:23	2	12.2		770	PUMP DISPLACEMENT TO 3177', 12 2BBLs	
	12:31					PULL OUT OF RETAINER	
		2	13.4		75	CONTINUE DISP. TO 3444', 13 3BBLs	
	12:32					CHECK PLUG (PLUG GOOD)	
						PULL TUBING OUT OF HOLE	
	15:20					SHOOT HOLES @3060'	
	16:28					RUN RETAINER AND SET @3010'	
						START JOB PLUG #5	
						TEST CASING TO 1000PSI (DID NOT TEST)	
	16:40					ESTABLISH INJECTION RATE	
	16:51	1.5	40.1		100	PUMP CEMENT @15.6#191SKS NEAT	
		1.5	1		880	PUMP DISPLACEMENT TO 258', 1BBL	
	17:17					PULL OUT OF RETAINER	
		2	9.7		50	CONTINUE DISP. TO 2516", 9.7BBLs	
	17:30					CHECK PLUG (PLUG GOOD)	
						PULL TUBING UP HOLE AND REVERSE CIRCULATE	
	18:00					END JOB	
21-Aug	8:30					ARRIVED ON LOC	
						TAGGED CEMENT @2514'	
	9:15					SHOOT HOLES @1400'	
	9:25					ESTABLISH INJECTION RATE(PRESSURED UP TO 980PSI)	
	10:00					RUN RETAINER AND SET @1350'	
	10:16					TEST CASING TO 700PSI TEST GOOD	
						START JOB PLUG #6	
	10:21	1	8.2			PUMP CEMENT @15.6# 42SKS NEAT	
					75	SPOT CEMENT TO END OF TUBING 5.2BBLs	
						STING INTO RETAINER	
		1.7			2400	CONTINUE PUMPING CEMENT TO 8.2BBLs	
		1.7	4		1200	PUMP DISPLACEMENT TO 1024', 4BBLs	
	10:26					PULL OUT OF RETAINER	
		1	5		75	CONTINUE DISPLACEMENT TO 1291', 5BBLs	
	10:30					CHECK PLUG (PLUG GOOD)	
	10:40					PULL TUBING OUT OF HOLE	
	11:17					SHOOT HOLES @219'	
						START JOB PLUG #7	
		2.5	15		80	ESTABLISH CIRCULATION	





# **CEMENT JOB SUMMARY SHEET**

**Job Type**

**PLUG TO ABANDON**

				<i>Measure</i>	
<i>Casing</i>	<i>Size</i>	<i>Weight</i>	<i>Grade</i>	<i>d Depth</i>	Total Casing
<i>Surface</i>	<b>8 5/8"</b>	<b>24#</b>		<b>169</b>	<b>169</b>
<i>Intermediate</i>					
<i>Production</i>	<b>5.5"</b>	<b>17#</b>		<b>6,570</b>	<b>6,570</b>
<i>Tubing</i>					<b>6150'</b>
<i>Drill Pipe</i>	<b>2 3/8"</b>	<b>4.7#</b>		<b>6150'</b>	
<i>Open Hole</i>	<b>7 7/8"</b>			<b>6,570</b>	

## **CEMENT DATA**

<i>Spacer</i>	<b>0 Bbls</b>			
<i>Cement 1</i>	<b>STD</b>			<b>34 Sacks</b>
<i>Additives</i>	<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>
<i>Cement 2</i>	<b>STD</b>			<b>35 Sacks</b>
<i>Additives</i>	<b>2% C.C.</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>
<i>Cement 3</i>	<b>STD</b>			<b>20 Sacks</b>
<i>Additives</i>	<b>2% C.C.</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>
<i>Cement 4</i>	<b>STD</b>			<b>42 Sacks</b>
<i>Additives</i>	<b>2% C.C.</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>
<i>Cement 5</i>	<b>STD</b>			<b>191 Sacks</b>
<i>Additives</i>	<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>
<i>Cement 6</i>	<b>STD</b>			<b>42 Sacks</b>
<i>Additives</i>	<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>
<i>Cement 7</i>	<b>STD</b>			<b>178 Sacks</b>
<i>Additives</i>	<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>
<i>Cement 8</i>	<b>STD</b>			<b>Sacks</b>
<i>Additives</i>	<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>
<i>Cement 9</i>	<b>STD</b>			<b>Sacks</b>
<i>Additives</i>	<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>
<i>Cement 10</i>	<b>STD</b>			<b>Sacks</b>
<i>Additives</i>	<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>
<i>Displacement</i>	<b>H2O</b>		<b>8.33 (lb/gal)</b>	

## **CEMENTING EQUIPMENT**

<i>Provider</i>				
<i>Guide Shoe</i>		<b>ea.</b>	<i>Centralizers</i>	<b>ea.</b>
<i>Float Shoe</i>		<b>ea.</b>	<i>Plug Type</i>	<b>ea.</b>
<i>Float Collar</i>		<b>ea.</b>	<i>Packer</i>	<b>ft.</b>
<i>DV Tool</i>	<b>6193' ft.</b>		<i>Retainer</i>	<b>ft.</b>