

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

**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

3b. Phone No. (include area code)

505-632-3476 x201

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

1185' FNL & 950' FEL

A - Sec. 23-T23N-R4W

5. Lease Serial No.

BIA #390

6. If Indian, Allottee or Tribe Name

Jicarilla Apache

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

8. Well Name and No.

Bonita Canyon #1

9. API Well No.

30-043-20954

10. Field and Pool, or Exploratory Area

S. Lindrith Gallup Dakota

11. County or Parish, State

Sandoval, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" 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 has plugged and abandoned this well as of 8-28-07 as follows: PLUG 1) Set a plug from 6975' -6867'. Pumped 8 sks of cement. Tagged cement at 6855'. PLUG 2) Set a balanced plug @ 6054'-5448'. Pumped 49 sks of cement. PLUG 3) Set a balanced plug from 4366'-4266'. Pumped 11 sks of cement. PLUG 4) Balanced plug from 3312'-3212'. Pumped 11 sks of cement. PLUG 5) Shot 4 holes @ 2880'. Set a cement retainer @ 2830'. Pumped 30sks below retainer and 37 sks on top. (Got verbal approval from Stephen Mason to pump 30 sks below retainer). PLUG 6) Set a balanced plug from 1196'-1096'. Pumped 11 sks of cement. PLUG 7) Set a balanced plug from 418' -318'. Pumped 8 sks of cement. PLUG 8) Shot 4 holes at 310'. Shot 4 more holes @ 210'. Pumped 33 sks of cement through 4 1/2" csg and out the breadenhead to surface.

RCVD SEP 14 '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 28, 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.

ACCEPTED FOR RECORD

SEP 11 2007

NMOCD

FARMINGTON FIELD OFFICE

# **CEMENT JOB SUMMARY SHEET**

**Job Type**

**PLUG TO ABANDON**

<i>Casing</i>	<i>Size</i>	<i>Weight</i>	<i>Grade</i>	<i>Measure d Depth</i>	<i>Total Casing</i>
<b>Surface</b>	<b>8 5/8"</b>	<b>24#</b>		<b>362'</b>	<b>362'</b>
<b>Intermediate</b>					
<b>Production</b>	<b>4.5"</b>	<b>11.6#</b>		<b>7395'</b>	<b>7395'</b>
<b>Tubing</b>					<b>6975'</b>
<b>Drill Pipe</b>	<b>2 3/8"</b>	<b>4.7#</b>		<b>6975'</b>	
<b>Open Hole</b>	<b>7 7/8"</b>			<b>7395'</b>	

## **CEMENT DATA**

<b>Spacer</b>	<b>0 Bbls</b>			
<b>Cement 1</b>	<b>STD</b>			<b>8 Sacks</b>
<b>Additives</b>	<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>
<b>Cement 2</b>	<b>STD</b>			<b>49 Sacks</b>
<b>Additives</b>	<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>
<b>Cement 3</b>	<b>STD</b>			<b>8 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>STD</b>			<b>11 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>STD</b>			<b>11 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>STD</b>			<b>110 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>STD</b>			<b>11 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>STD</b>			<b>8 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>STD</b>			<b>33 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>STD</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>ft.</b>	<b>Retainer</b>	<b>ft.</b>

<b>SUPERIOR JOB LOG</b>						TICKET # <b>36-000565</b>		TICKET DATE <b>8/27/2007</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>			APPROVAL #			
WELL LOCATION <b>LAND</b>			DEPARTMENT <b>Cement</b>			JOB PURPOSE CODE		Description <b>PLUG TO ABANDON</b>	
LEASE / WELL # <b>BONITA CANYON</b>		Well No. <b>#1</b>	SEC /		TWP /		RNG		
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T	C	Press. (PSI) Tbg	Csg	Job Description / Remarks	
8/24/2007	8:45							ARRIVED ON LOCATION	
	8:50							LOCATION ASSESSMENT & SAFETY MEETING	
	8:55							SPOT AND RIG UP EQUIPMENT	
								RIG IS RUNNING TUBING IN THE HOLE	
								TUBING SET @6975'	
								RIG UP TO TUBING	
								START JOB PLUG #1	
		1	0.2			2800		TEST LINES TO 2800PSI	
		2.5	130			950		LOAD HOLE 79BBLs, 130BBLs CLEAN OUT	
	10:29	2	1.6			75		PUMP CEMENT @15.6# 8 SKS 2% C.C.	
	10:30	2	26.5			330		PUMP DISPLACEMENT TO 6854', 26 5 BBLs	
	10:42							CHECK PLUG, (PLUG BALANCE IS GOOD)	
	10:50							PULL UP HOLE AND REVERSE CIRCULATE	
								TAGGED CEMENT @6855'	
								START JOB PLUG #2	
	13:40	3	26			750		LOAD HOLE 26BBLs	
	13:55	2	10			75		PUMP CEMENT @15.6# 49 SKS 2% C.C.	
	14:02	2	20.6			180		PUMP DISPLACEMENT TO 5323 8', 20 6BBLs	
								CHECK PLUG, (PLUG BALANCE IS GOOD)	
	14:30							CO. REP. DECIDED TO TAGG UP 8/24	
	15:00							END JOB	
25-Aug	8:10							ARRIVED ON LOCATION	
								TAGGED CEMENT @5375'	
								START JOB PLUG #3	
	8:35	2	5			350		LOAD WELL	
						480		TEST CASING TO 500 PSI (TEST GOOD)	
	8:48	2	1.6			250		PUMP CEMENT @15.6# 8 SKS	
	8:50	2	20.3			345		PUMP DISPLACEMENT TO 5323.8', 20 6BBLs	
								CHECK PLUG, (PLUG BALANCE IS GOOD)	
	9:10							PULL UP HOLE AND REVERSE CIRCULATE	
								START JOB PLUG #4	
	9:46	2						LOAD HOLE	
	9:58	2	2.3			80		PUMP CEMENT @15.6# 11SKS NEAT	
	10:00	2	20.3			350		PUMP DISPLACEMENT TO 5257', 20 3BBLs	
	10:08							CHECK PLUG, (PLUG BALANCE IS GOOD)	
								PULL UP HOLE AND REVERSE CIRCULATE	
								START JOB PLUG #5	
	10:43	2						LOAD HOLE	
	10:54	2	2.3			75		PUMP CEMENT @15.6# 11SKS NEAT	
	10:56	2	12.1			350		PUMP DISPLACEMENT TO 3147', 12 1BBLs	
								CHECK PLUG, (PLUG BALANCE IS GOOD)	

# SUPERIOR

## JOB LOG

TICKET #  
**36-000565**

TICKET DATE  
**8/27/2007**

REGION  
**NORTH AMERICA LAND**

NWA / COUNTRY  
**ROCKY MOUNTAIN**

BDA / STATE  
**NM**

COUNTY  
**RIO ARriba**

MBUID / EMPL #

H.E.S. EMPLOYEE NAME

PSL DEPARTMENT

**SHELDON JONES**

**ZONAL ISOLATION**

LOCATION  
**FARMINGTON, NM**

COMPANY  
**ELMRIDGE RESOURCES**

CUSTOMER REP / PHONE  
**LEONARD DEE #505-215-5172**

TICKET AMOUNT

WELL TYPE

APIUMI #

**02 GAS**

WELL LOCATION

DEPARTMENT

JOB PURPOSE CODE

Description

**LAND**

**Cement**

**PLUG TO ABANDON**

LEASE / WELL #

Well No.

SEC /

TWP /

RNG

**BONITA CANYON**

**#1**

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps		Press. (PSI)		Job Description / Remarks
				T	C	Tbg	Csg	
<b>25-Aug</b>	11:22							PULL UP HOLE AND REVERSE CIRCULATE WELL
	12:00							<b>END JOB</b>
<b>27-Aug</b>	8:30							<b>ARRIVED ON LOC</b>
								SHOOT HOLES @2880'
	8:56	0.5	6				2500	ESTABLISH INJECTION RATE
	9:20							RUN AND SET RETAINER @2830'
								<b>START JOB PLUG #6</b>
	10:05							PULL OUT OF RETAINER
	10:10	2	11					<b>PUMP CEMENT @15.6# 110SKS NEAT</b>
								SPOT CEMENT TO END OF TUBING 11BBLs
	10:29							STING INTO RETAINER
		1	23.1				40	CONTINUE CEMENT
			23.1				3200	<b>PRESSURED UP TO 3200PSI 26 SKS IN THE ANNULIS</b>
		0.5	23.1				2950	PULL OUT OF RETAINER
		2	8				350	SPOT 11BBL CEMENT IN CASING
								PULL 18 JTS
	11:28	2.5	14				1000	REVERSE CIRCULATE WELL 5 BBLs CEMENT TO THE PIT
								PULL TUBING OUT OF HOLE
								RUN AND SET TUBING @1100'
	12:39							<b>START JOB PLUG #7</b>
	13:10							LOAD HOLE
	13:24	2	2.3				75	<b>PUMP CEMENT @15.6# 11SKS NEAT</b>
	13:28	2	3.6				60	PUMP DISPLACEMENT TO 935', 3 6BBLs
								CHECK PLUG (PLUG GOOD)
								PULL TUBING OUT OF HOLE
								TUBING SET @418'
	13:47							<b>START JOB PLUG #8</b>
								LOAD HOLE
	13:25	2	1.6				80	<b>PUMP CEMENT @15.6# 8 SKS NEAT</b>
	13:28	2	1.1				70	PUMP DISPLACEMENT TO 297', 1 1BBLs
								CHECK PLUG (PLUG GOOD)
								PULL PIPE OUT OF HOLE
								SHOOT HOLES @325'
	14:20							<b>START JOB PLUG #9</b>
							2800	ESTABLISH CIRCULATION PRESSURED UP TO 2800PSI
	14:56							STOOT HOLES @210'
		1.5	15				550	ESTABLISHED INJECTION RATE 2.5 BPM 550PSI
	15:26	1.5	7				320	<b>PUMP CEMENT @15.6# 33SKS NEAT</b>
								SHUT IN WELL
	16:30							<b>END JOB</b>

