

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.

Jicarilla Contract 398

6. Indian, Allottee or Tribe Name

Jicarilla Apache

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Elm Ridge Exploration Co., LLC

3a. Address

PO Box 156, Bloomfield, NM 87413

3b. Phone No. (include area code)

505-632-3476

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

770' FNL X 900' FEL

Sec. 16-T23N-R4W (NE/NE, Unit A)

8. Well Name and No.

Martin Whittaker #31

9. API Well No.

30-039-23432

10. Field and Pool, or Exploratory Area

S. Lindrith Gallup Dakota ext.

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 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 has plugged and abandoned this well as of June 25, 2007 as follows:

Plug # 1) TIH with TBG open ended to the top of CIBP at 6970', spot 8 sks of cement on top of CIBP TOH w/TBG.  
Plug # 2) Set 4 1/2" retainer at 5616' pumped 83 sks of STD Neat cement below retainer and spot 4 sks on top of retainer.  
Plug # 3) Balance plug from 5275' to 5099' pumped 30 sks of STD Neat cement.  
Plug # 4) Balance plug from 4299' to 4199' pumped 28 sks of STD neat cement.  
Plug # 5) Balance plug from 3222' to 3122' pumped 28 sks of STD Neat cement.  
Plug # 6) Balance plug from 2821' to 2140' pumped 133 sks of STD Neat cement.  
Plug # 7) Shot 4 holes at 1088' set 7" retainer at 1038' pumped 20 sks of cement below retainer, squeezed off at 1600 PSI and spot 30 sks of cement on top of retainer.  
Plug # 8) Shot 4 holes at 315' pump 110 sks of cement down 7" CSG and 67 sks of cement to the braden head. Rod Valarde with the BLM witnessed the plug and abandon of this well.

RCVD JUL 2 2007  
OIL CONS. DIV.  
DIST. 3

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

Name (Printed/Typed)

Sharla O'Kelly

Title

Production Assistant

Signature

Date

June 25, 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)

APPROVED FOR RECORD  
JUN 29 2007  
FARMINGTON FIELD OFFICE  
Sr

NMOC

<b>SUPERIOR JOB LOG</b>				TICKET # <b>36-000500</b>		TICKET DATE <b>6/25/2007</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>30-039-23432</b>			
WELL LOCATION <b>LAND</b>		DEPARTMENT <b>Cement</b>		JOB PURPOSE CODE		Description <b>PLUG TO ABANDON</b>	
LEASE / WELL # <b>MARTIN WHITTAKER</b>		Well No. <b>#31</b>		SEC /		TWP /	
RNG							
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T C	Press.(PSI) Tbg Csg	Job Description / Remarks	
6/20/2007	12:00						ARRIVED ON LOCATION
	12:05						LOCATION ASSESSMENT & SAFETY MEETING
	12:10						SPOT AND RIG UP EQUIPMENT
	12:00						RIG IS RUNNING TUBING IN THE HOLE TO 6869'
							BRIDGE PLUG IS SET @6870"
	13:50						RIG UP TO TUBING
	14:30						START JOB PLUG #1
	14:35						TEST LINES TO 3500PSI
	14:40	4	27			100	PUMP H2O SPACER
	15:00	3	1.7			20	PUMP CEMENT 15.6# 8 SKS
	15:07	3	26.5			19	PUMP DISPLACEMENT TO 6849', 26.5BBLS
	15:15						PULL UP 20 JTS
	15:45						END JOB 2 PUMP, 2 STANDBY
21-Jun	8:20						ARRIVED ON LOCATION
	8:20						RIG IS RUNNING RETAINER IN THE HOLE
							RETAINER SET @5650'
	9:40						START JOB PLUG #2
	9:43						TEST LINES TO 3000PSI
		2	5.5				LOAD TUBING LOADED TBG W/5.5BBLS
	9:45						TEST TUBING TO 1300PSI
	9:50						PULL OUT OF RETAINER
	9:55	3	275			350	LOAD HOLE LOADED W/82.5 BBLS, CLEAN OUT W/275 BBLS
	11:50						TEST CASING TO 345PSI.
	12:09						STING INTO RETAINER
	12:10	1.6	5			345	ESTABLISH INJECTION RATE
	12:24	3	18			550	PUMP CEMENT @15.6# 87SKS NEAT
	12:34	2	20.9			25	PUMP DISPLACEMENT TO 5398', 20.9 BBLS
	12:50					220	PULL OUT OF RETAINER
							SPOT 4 SKS CEMENT ON TOP OF RETAINER
		2	21.5			25	21.5BBLS, 5555.8' (PLUG IS GOOD)
	13:00						PULL 5 JTS OF TUBING OUT OF HOLE
							REVERSE CIRCULATE WELL
	14:50						PULL TUBING OUT OF HOLE
	15:09						RUN TUBING IN THE HOLE OPEN ENDED
							TUBING SET @5275'
							START JOB PLUG #3
							LINER TOP @5149'
	16:00						ESTABLISH CIRCULATION
	16:05	2.5	6.3			50	PUMP CEMENT @15 # 30SKS NEAT
	16:12	2.5	19.4			120	PUMP DISPLACEMENT TO 5030', 19.4 BBLS
	16:17						CHECK PLUG (PLUG IS GOOD)

REGION		NWA / COUNTRY		TICKET #		TICKET DATE	
NORTH AMERICA LAND		ROCKY MOUNTAIN		36-000500		6/25/2007	
MBU ID / EMPL #		H.E.S. EMPLOYEE NAME		BDA / STATE		COUNTY	
FARMINGTON, NM		SHELDON JONES		NM		RIO ARRIBA	
LOCATION		COMPANY		PSL DEPARTMENT			
TICKET AMOUNT		WELL TYPE		CUSTOMER REP / PHONE			
LAND		02 GAS		LEONARD DEE #505-215-5172			
LEASE / WELL #		DEPARTMENT		API/UWI #		Description	
MARTIN WHITTAKER		Cement		30-039-23432		PLUG TO ABANDON	
Well No. #31		SEC /		TWP /		RNG	
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T C	Press.(PSI) Tbg Csg	Job Description / Remarks	
						PULL 29 JTS	
						START JOB PLUG #4	
	16:58					ESTABLISH CIRCULATION	
	17:00	2.5	5.8		50	PUMP CEMENT @15.6# 28 SKS NEAT	
	17:05	2.5	16		90	PUMP DISPLACEMENT TO 4138', 16 BBLS	
						CHECK PLUG ( PLUG GOOD)	
	17:25					PULL UP HOLE AND REVERSE CIRCULATE WELL	
	18:00					END JOB	
9:00						ARRIVED ON LOCATION	
						START JOB PLUG #5	
						TUBING SET @3222'	
	9:20					ESTABLISH CIRCULATION	
	9:21					PUMP CEMENT @15.6# 28 SKS NEAT	
	9:26					PUMP DISPLACEMENT TO 3061', 11.8 BBLS	
						CHECK PLUG ( PLUG GOOD)	
	9:40					LAY DOWN 12JTS	
						START JOB PLUG #6	
	9:51					PUMP CEMENT @15.6# 133SKS NEAT	
	10:02					PUMP DISPLACEMENT TO 2150', 7.9 BBLS	
	10:08					CHECK PLUG ( PLUG GOOD)	
						RUN SCRAPER	
						HOLES SHOT @1088'	
	13:00					RUN AND SET RETAINER @1038	
	13:00					ESTABLISH INJECTION RATE	
	13:40	2	4		75	PULL OUT OF RETAINER AND SPOT CEMENT TO END OF TB	
		0.5	10.5		75	PUMP CEMENT @15.6# 50 SKS NEAT	
						STING INTO RETAINER	
		0.5	2		1990	PUMPED 8BBLS TOTAL CEMENT (2.5 IN THE PERF)	
						STING OUT AND SPOT 157' PLUG ON TOP OF RET. 6 BBLS	
	14:01	2	3.4		60	DISPLACE TO 874', 3.4BBLS 29SKS	
	14:13					PULL UP HOLE AND REVERSE CIRCULATE WELL	
						SHOOT HOLES @315'	
	15:00					DID NOT CIRCULATE. GOT INJECTION RATE DOWN THE 7"	
	15:30					AND THE BRADIN HEAD.	
						END JOB	
	8:00					ARRIVED ON LOCATION	
	9:00					START JOB	
	9:15	2.5	24		550	ESTABLISH INJECTION RATE	
	9:30	2	40		550	PUMP CEMENT@15.6# 195 SKS (110 SKS 7", 67SKS BRADIN)	
						PRESSURED UP	
	11:30					END JOB	



# **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>	<i>Total Casing</i>
<i>Surface</i>	9 5/8"	32#		265'	265'
<i>Intermediate</i>	7"	26#		5225'	5225'
<i>Production</i>	4 1/2"	11.6#		7157'	2008'
<i>Tubing</i>					5600'
<i>Drill Pipe</i>	2 3/8"	4.7#		5600'	
<i>Open Hole</i>	8 3/4"			5225'	

## **CEMENT DATA**

<i>Spacer</i>	0 Bbls			
<i>Cement 1</i>	STD			8 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 2</i>	STD			87 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 3</i>	STD			30 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 4</i>	STD			28 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 5</i>	STD			28 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 6</i>	STD			133 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 7</i>	STD			50 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 8</i>	STD			195 Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 9</i>	STD			Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Cement 10</i>	STD			Sacks
<i>Additives</i>	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
<i>Displacement</i>	H2O	8.33 (lb/gal)		

## **CEMENTING EQUIPMENT**

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