

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 079352A

6. If Indian, Allottee or Tribe Name

2007 MAY 14 AM 11:39

7. If Unit or CA/Agreement, Name and/or No.

RECEIVED
BLM
210 FARMINGTON NM

8. Well Name and No.

Harrington Federal 28 # 1Y

9. API Well No.

30-039-24363

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

Rio Arriba County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1.

☐ 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 EXT 212

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

2310' FNL x 2115' FEL Sec. 28 - T24N - R1W SW/NE

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

RCVD MAY 16 '07
OIL CONS. DIV.
DIST. 3

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, CO LLC plugged and abandoned the above referenced well on 5-10-07 as follows:

PLUG 1) Set cement retainer at 2948' pumped 200 sks of Neat cement below retainer, spot 122 sks on top of retainer.

PLUG 2) Balance plug from 1508' - 1356' pumped 55 sks of Neat cement.

PLUG 3) Pumped a balance plug from 658' to surface used 275 sks of Neat cement and topped off well.

Job was witnessed by Alfonso Atencoi with the BLM.

Approved as to plugging of the well by:
Liability under bond is retained until surface
restoration is completed.

5/10/07

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

May 11, 2007

Approved by

Title

Date

MAY 14 2007

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.

NMOCD

SUPERIOR JOB LOG						TICKET #	TICKET DATE
REGION		NWA / 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		APPROVAL			
		02 GAS					
WELL LOCATION		DEPARTMENT		JOB PURPOSE CODE		Description	
LAND						PLUG TO ABANDON	
LEASE / WELL #		Well No.	SEC	TWP		RNG	
Harrington Fed. 28		#1Y					
Chart No.	Time	Rate (GPM)	Volume (BBL/GAL)	Pumps (T/C)	Press (PSI) (Tos Csg)	Job Description / Remarks	
5/10/2007	8:00					ARRIVED ON LOCATION	
	8:05					LOCATION ASSESSMENT & SAFETY MEETING	
	8:15					SPOT AND RIG UP EQUIPMENT	
	8:15					RIG IS OUT OF HOLE SETTING UP TO RUN RETAINER	
	9:49					SET RETAINER @ 2943'	
	9:49					RIG UP TO WELL HEAD	
	10:19					START JOB PLUG #1 *	
	10:20	1.5	16.5		2600	TEST LINES TO 2600 PSI	
	10:25	1.5	17		1000	TEST TUBING TO 1000 PSI	
	10:47					PULL OUT OF RETAINER	
	10:47	3	216		350	LOAD HOLE	
		3	225		350	CLEAN HOLE	
	12:05	1.5	10		40	TEST CASING TO 500 PSI	
						DID NOT TEST PUMPED 1.5 BPM @ 40 PSI	
	12:09					STING BACK INTO RETAINER	
	12:22	3	10		278	ESTABLISH INJECTION RATE	
	12:28	2			120	PUMP CEMENT @15.6# 322 SKS	
		2	42		120	STOP PUMPING CEMENT @ 200 SKS *	
	13:13					PULL OUT OF RETAINER	
	13:13	2	9.5			PUMP CEMENT @15.6# 122 SKS	
	13:18	2	15		100	SPOT CEMENT TO 2595', 15BBL DISP.	
						BREAK OFF WELL	
	13:25					PULL UP HOLE 15 JTS	
	13:44					REVERSE CIRCULATE	
						END JOB	
	8:00					ARRIVED ON LOCATION	
	8:10					RIG IS RUNNING PIPE IN THE HOLE	
	8:45					TAGGED CEMENT @2688'	
						85' TOO LOW	
	9:25					TEST CASING TO 500 PSI	
	9:47	1.5	6.4		140	PUMP CEMENT @ 15.6# 32 SKS DOWN TO 2601' TOP OUT	
	9:53	1.5	15		60	PUMP DISPLACMENT 15 BBLS	
						PULL OUT OF HOLE TO 1508'	
	10:43	1.5	11.5		100	PUMP CEMENT @ 15.6# 55 SKS PLUG #2 *	
	10:50	1.5	7.8		30	PUMP DISPLACMENT TO 1508', 7.8 BBLS	
						CHECK PLUG, (PLUG BALANCE IS GOOD) *	
	10:55					PULL UP HOLE TO 658'	
		1.5	58		45	PUMP CEMENT @ 15.6# 275 SKS TO SURFACE PLUG #3 *	
	12:28					RIG PULLING OUT OF HOLE	
	12:37					RIG DOWN FLOOR	
						PULL B.O.P.	

[illegible]

CEMENT JOB SUMMARY SHEET

Job Type

PLUG TO ABANDON

				Measure	
Casing	Size	Weight	Grade	d Depth	Total Casing
Surface	13.375"	68		604'	604'
Intermediate	9 5/8"	40		3480'	3480'
Production					
Tubing					2943'
Drill Pipe	2 7/8"	6.4		2943'	
Open Hole					

CEMENT DATA

Spacer	Bbls			
Cement 1	STD			322 Sacks
Additives	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
Cement 2	STD			32 Sacks
Additives	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
Cement 3	STD			55 Sacks
Additives	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
Cement 4	STD			275 Sacks
Additives	NEAT			
	Weight (lb/gal) 15.60	Yield (cuft/sk) 1.18	Water (gal/sk) 5.20	
Displacement	H2O	8.33 (lb/gal)		

CEMENTING EQUIPMENT

Provider			
Guide Shoe	ea.	Centralizers	ea.
Float Shoe	ea.	Plug Type	ea.
Float Collar	ea.	Packer	ft.
DV Tool	ft.	Retainer	2943' ft.