

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

APR 17 2013

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. 201

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
"O" - 1070' FSL X 1850' FEL  
Sec. 6-T23N-R5W

5. Lease Serial No.  
Contract 38

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

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

8. Well Name and No.  
AXI Apache H #14

9. API Well No.  
30-039-05149

10. Field and Pool, or Exploratory Area  
Ballard Pictured Cliffs

11. County or Parish, State  
Rio Arriba, 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 checked="" type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input checked="" 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 recomplete 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 did a squeeze hole in casing job on this well as follows:

4-4-13: Set CIBP at 2177'. 4-6-13: Trip in hole with cement retainer to 515'. Mix and pump 171 sks of Class G cement.  
4-9-13: Test squeeze pressure well to 550 and pressure held. This test was witnessed by Bryce Hammond with the E

RCVD APR 23 '13  
OIL CONS. DIV.  
DIST. 3

ATTACHED: Chart and Cement job summary.

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

Name (Printed/Typed) Amy Mackey Title Sr. Regulatory Supervisor

Signature Date April 12, 2013

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)

ADDED FOR RECORD

APR 18 2013

NMOC  
Ar

FARMINGTON FIELD OFFICE  
FV

## The Road to Excellence Starts with Safety

Sold To #: 302056	Ship To #: 2991150	Quote #:	Sales Order #: 900344798
Customer: ELM RIDGE EXPLORATION CO LLC - EBUS	Customer Rep: Streigle, Monty		
Well Name: AXI Apache H	Well #: 14	API/UWI #: 30-039-05149	
Field:	City (SAP): CUBA	County/Parish: Sandoval	State: New Mexico
Contractor: Elm Ridge	Rig/Platform Name/Num: Triple P #5		
Job Purpose: Squeeze Hole in Casing			
Well Type: Producing Well	Job Type: Squeeze Hole in Casing		
Sales Person: SNYDER, RANDALL	Srv Supervisor: WOOD, BRANDON	MBU ID Emp #: 412753	

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
FABREY, KENDALL Edward	3	488836	MESTAS, CHAD	3	516495	WOOD, BRANDON M	3	412753

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10025039	79 mile	10724579	79 mile	11324578	79 mile	11583925	79 mile

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL								

Total is the sum of each column separately

## Job

## Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	06 - Apr - 2013	03:00	MST
Form Type		BHST	Job Started	06 - Apr - 2013	08:00	MST
Job depth MD	513. ft	Job Depth TVD	Job Started	06 - Apr - 2013	08:54	MST
Water Depth		Wk Ht Above Floor	Job Completed	06 - Apr - 2013	09:55	MST
Perforation Depth (MD)	From	To	Departed Loc	06 - Apr - 2013	11:00	MST

## Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Production	Unknown		5.5	4.892	17.		J-55		3844.		
2 3/8 TUBING	Unknown		2.375	1.995	4.6				530.		

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR, GRANULATED, IMPERIAL	150	LB		

## Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

## Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

## Fluid Data

Stage/Plug #: 1	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
Fluid #									

# HALLIBURTON

## Cementing Job Summary

Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	SqueezeCem Tail Cement	SQUEEZECM (TM) SYSTEM (452971)	161.0	sacks	15.8	1.15	5.0		5.0	
5 Gal		FRESH WATER								
Calculated Values		Pressures		Volumes						
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe		Amount 0 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						

## The Road to Excellence Starts with Safety

Sold To #: 302056	Ship To #: 2991150	Quote #:	Sales Order #: 900344798
Customer: ELM RIDGE EXPLORATION CO LLC - EBUS		Customer Rep: Streigle, Monty	
Well Name: AXI Apache H	Well #: 14	API/UWI #: 30-039-05149	
Field:	City (SAP): CUBA	County/Parish: Sandoval	State: New Mexico
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Elm Ridge	Rig/Platform Name/Num: Triple P #5		
Job Purpose: Squeeze Hole in Casing		Ticket Amount:	
Well Type: Producing Well	Job Type: Squeeze Hole in Casing		
Sales Person: SNYDER, RANDALL	Srvc Supervisor: WOOD, BRANDON	MBU ID Emp #: 412753	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/06/2013 03:00							
Depart Yard Safety Meeting	04/06/2013 04:55							SAFETY MEETING INVOLVING THE CMT CREW
Crew Leave Yard	04/06/2013 05:00							
Arrive At Loc	04/06/2013 08:00							1- F-450 11583925, 1- RED TIGER PUMP TRUCK 11223557, 1- 400 BULK TRUCK TRAILERS 10248068
Assessment Of Location Safety Meeting	04/06/2013 08:01							ASSESSMENT OF LOCATION INVOLVING THE CMT CREW
Pre-Rig Up Safety Meeting	04/06/2013 08:02							SAFETY MEETING INVOLVING THE ENTIRE CMT/ RIG CREW
Rig-Up Equipment	04/06/2013 08:03							
Pre-Job Safety Meeting	04/06/2013 08:45							SAFETY MEETING INVOLVING EVERYONE ON LOCATION
Start Job	04/06/2013 08:50							TBG 2 3/8 4.7 # RET SET @ 515 FT, 4 1/2 9.5 # HOLE@ 582-613 FT, 500 PSI MAX FOR JOB
Test Lines	04/06/2013 08:54		1		2		2500. 0	PRESSURE TEST GOOD TO 2500 PSI
Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

