

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM01135

6. If Indian, Allottee or Tribe Name

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
APACHE CORPORATION  
Contact: SORINA L FLORES  
E-Mail: sorina.flores@apachecorp.com

3a. Address  
303 VETERANS AIRPARK LANE SUITE 3000  
MIDLAND, TX 79705

3b. Phone No. (include area code)  
Ph: 432-818-1167  
Fx: 432-818-1193

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 34 T19S R32E NWNW 490FNL 360FWL

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

8. Well Name and No.  
LUSK 34 FEDERAL 1H

9. API Well No.  
30-025-40797-00-X1

10. Field and Pool, or Exploratory  
LUSK

11. County or Parish, and State  
LEA COUNTY, 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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Change to Original APD

13. Describe Proposed or Completed Operation (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.)

BOND#: BLM-CO-1463 / NMB000736

Apache Corp has encountered severe fluid losses while drlg the 12-1/4" hole thru the Capitan Reef formation. Need to use 2 stages w/DVT & EXP set right below to cmt the 9-5/8" csg in this hole section (TD will be at or a few feet below 4500'). The 1st losses were encountered @ 3184'. However, the ECP/DVT will be set at around 3198' - 3210' based on P rates while drlg & BLM requirement that DVT be set at or more than 50' below btm of 13-3/8" csg which is set @ 3136'. The string will be cmt as follows:

Interm 2:  
1st stage (TOC @ ECP/DVT @ 3190', 50% excess)  
Lead: 200sx 35/65 P/C w/5% salt + 6% gel + 0.125#/sx CF + 0.25#/sx defoamer

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

Electronic Submission #160190 verified by the BLM Well Information System  
For APACHE CORPORATION, sent to the Hobbs  
Committed to AFMSS for processing by KURT SIMMONS on 11/29/2012 (13KMS1475SE)

Name (Printed/Typed) SORINA L FLORES Title SUPV DRLG SERVICES

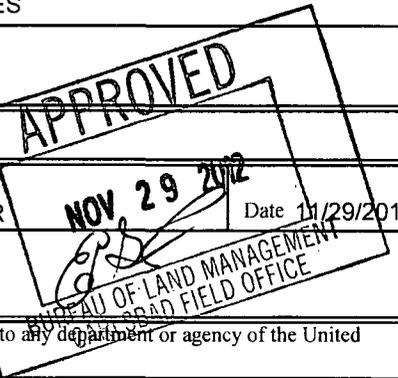
Signature (Electronic Submission) Date 11/13/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ Title PETROLEUM ENGINEER Date 11/29/2012

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 Hobbs



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

\*\* BLM REVISED \*\*

DEC 06 2012

## Additional data for EC transaction #160190 that would not fit on the form

### 32. Additional remarks, continued

(12.6 wt, 2.07 yld) Comp Strengths: 12hr - 610psi 24hr - 980psi

Tail: 200sx CI C w/0.2% retarder (14.8wt, 1.33yld)  
Comp Strengths: 12hr - 1193psi 24hr - 1640psi

2nd stage (TOC @ surf, 10% excess)

Lead: 600sx 35/65 P/C w/5% salt + 6% gel + 0.125#/sx CF + 0.25#/sx defoamer  
(12.6wt, 2.07yld) Comp Strengths: 12hr - 610psi 24hr - 980psi

Tail: 100sx CI C w/0.2% retarder (14.8wt, 1.33yld)  
Comp Strengths: 12hr - 1193psi 24hr - 1640psi

\*\* Note.. we plan to try & bring the 2nd stage cmt back to surface as means of providing verification of meeting the required minimum TOC which is 2636' (500' into prior csg string) per APD stipulation.