

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0557371
2. Name of Operator APACHE CORPORATION		6. If Indian, Allottee or Tribe Name
Contact: SORINA FLORES E-Mail: sorina.flores@apachecorp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1167	8. Well Name and No. AAO FEDERAL 20
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T18S R27E SWNW 2188FNL 909FWL 32.776289 N Lat, 104.240687 W Lon		9. API Well No. 30-015-42036-00-X1
		10. Field and Pool, or Exploratory RED LAKE
		11. County or Parish, and State EDDY 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"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 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, 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.)

BLM-CO-1463 NATIONWIDE/NMB000736

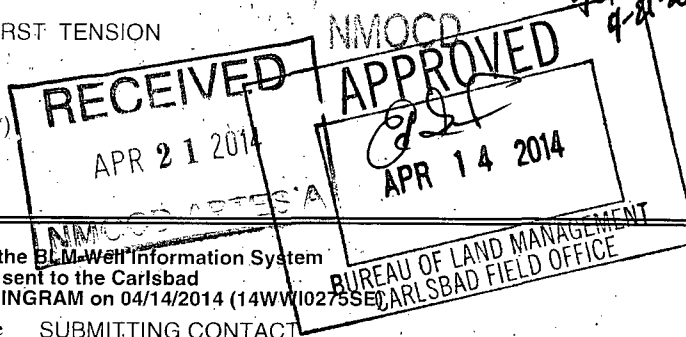
APACHE PROPOSES TO CHG THE CSG & CMTG PROGRAM AS SHOWN BELOW (DUE TO WTR FLOW ENCOUNTERED WHILE DRLLG THE 7-7/8" HOLE @ 1437'):

CSG PROGRAM: All csg is new & API approved
HOLE DEPTH OD CSG WT COLLAR GRADE COLLAPSE BURST TENSION
17-1/2" 0-350' 13-3/8" 48# STC H40 1.125 1.0 1.8
7-7/8" 0-4600' 5-1/2" 17# LTC J55 1.125 1.0 1.8

CMT PROGRAM: 5-1/2" Prod(cmt to surf/20% excess cmt/DVT @ 1100")
1st Stage: 580sx (50:50) Poz C w/2% Bentonite + 5% Salt

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Accepted for record



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

Electronic Submission #242215 verified by the BLM Well Information System

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by WESLEY INGRAM on 04/14/2014 (14WW102755)

Name (Printed/Typed) SORINA FLORES

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 04/14/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ

Title PETROLEUM ENGINEER

Date 04/14/2014

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 Carlsbad

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 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Additional data for EC transaction #242215 that would not fit on the form

32. Additional remarks, continued

(14.2wt, 1.28yld, 5.88gal/sk) Comp Strength: 12hr-1379psi 24hr-2332psi
2nd Stage: 360sx (50:50) Poz C w/2% Bentonite + 5% Salt
(14.2wt, 1.28yld, 5.88gal/sk) Comp Strength: 12hr-1379psi 24hr-2332psi

*Actual DVT setting depth may be changed after evaluation of open hole logs. If DVT is set at different depth, cmt volumes will be adjusted accordingly. An ECP may be placed in the 5-1/2" csg string immediately below DVT. Csg slips may be set before cmtg.

* Actual DV tool setting depth may be changed after evaluation of open hole logs. If the DV tool is set at a different depth, cement volumes will be adjusted accordingly. An ECP may be placed in the 5-1/2" casing string immediately below the DV tool. Casing slips may be set before cementing. If cement circulates to surface while pumping the 1st stage, a cancellation device may be dropped to secure the DV tool after which the 2nd stage cement need not be pumped. If, however, cement does not circulate to surface while pumping the 1st stage, the 2nd stage cement will be pumped to complete the cement job.

**AAO Federal 20
30-015-42036
Apache Corporation
April 14, 2014
Conditions of Approval**

1. The minimum required fill of cement behind the 5-1/2 inch production casing is:

Operator has proposed contingency DV tool at depth of 1100', but will adjust cement proportionately if moved. DV tool shall be set a minimum of 50' below previous shoe and a minimum of 200' above current shoe. Operator shall submit sundry if DV tool depth cannot be set in this range. If an ECP is used, it is to be set a minimum of 50' below the shoe to provide cement across the shoe. If it cannot be set below the shoe, a CBL shall be run to verify cement coverage.

- a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

Operator has proposed a contingency DV tool at 1100'. If operator circulates cement on the first stage, operator is approved to run the DV tool cancellation plug and cancel the second stage of the proposed cement plan. If cement does not circulate, operator will proceed with the second stage.

- b. Second stage above DV tool:

- ☒ Cement shall circulate to surface. If cement does not circulate, contact the appropriate BLM office.

EGF 041414