

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

RECEIVED
AUG 27 2013
NMOCD Artesia

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

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. COFFEE FEDERAL #12 <96831>
2. Name of Operator APACHE CORPORATION <873>	9. API Well No. 30-015-40957
3. Address 303 VETERANS AIRPARK LN, #3000 MIDLAND, TX 79705	10. Field and Pool or Exploratory Area CEDAR LAKE; GLORIETA-YESO <96831>
3b. Phone No. (include area Code) 432-818-1117 / 432-818-1198	11. County or Parish, State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UL: F, SEC 18, T17S, R31E, 1650' FNL & 2260' FWL	

12. CHECK THE 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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Change Plans <input 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

Water Shut-Off
 Well Integrity
 Other
DRILLING OPS:
CASING & CEMENT
REPORT

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 directional or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attached the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 No: **BLM-CO-1463** **5/1/2013** - SPUD

5/1/2013 - 13-3/8" Surface Csg, 20" Hole, H-40, #48, csg set @ 395'

Lead: 490 sx Class C w/ 1% CaCl₂ + 0.25% R38 (14.8 wt, 1.34 yld)
Comp Strengths: **12 hr - 813 psi** **24 hr - 1205 psi** Circ 126 sx cmt to surface

5/2/2013 - Surface Csg Pressure Test: 1200 psi/30 min - OK

ACCEPTED FOR RECORD
AUG 24 2013
J. Brown
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

REPORT CONTINUED ON PAGE 2.

Wade Accepted for record NMOCD 8/27/2013

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

Name (Printed/Typed) VICKI BROWN	Title DRILLING TECH
Signature <i>Vicki Brown</i>	Date 7/30/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 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.

(Instructions on page 2)

Coffee Federal #12 - Csg & Cmt End of Well Sundry

5/5/2013 - 8-5/8" Intermediate Csg, 11" Hole, J-55, #32, csg set @ 3536'

Primary cmt job:

Lead: 780 sx (35:65) Poz C w/ 6% Bentonite + 5% Salt (12.4wt, 2.1 yld)
Compressive Strengths: **12 hr** – 589 psi **24 hr** – 947 psi

Tail: 230 sx Class C (14.8 wt, 1.34 yld)
Compressive Strengths: **12 hr** – 813 psi **24 hr** – 1205 psi Did not circ cmt to surf and temp log showed TOC at 1255'

First remedial cmt job pumped through bradenhead valve:

Lead: 400 sx Thixotropic cmt consisting of Class H w/ 8% A-10 + 0.5% CaCl₂ + 1% Salt + 10 lb/sk Gilsonite + 0.25 lb/sk cellophane flakes (14.6 wt, 1.5 yld)
Comp Strengths : **15.5 hr** – 500 psi **48 hr** – 1028 psi

Tail: 600 sx Class C w/ 1% CaCl₂ (14.8 wt, 1.34 yld)
Comp Strengths : **12 hr** – 813 psi **24 hr** – 1205 psi Cmt bond log showed TOC 1258'

Second remedial cmt job pumped through bradenhead valve:

Lead: 200 sx Thixotropic cmt consisting of Class H w/ 8% A-10 + 0.5% CaCl₂ + 1% Salt + 10 lb/sk Gilsonite + 0.25 lb/sk cellophane flakes (14.6 wt, 1.5 yld)
Comp Strengths : **15.5 hr** – 500 psi **48 hr** – 1028 psi

Waited 10 minutes between slurries

Middle: 200 sx Thixotropic cmt consisting of Class H w/ 8% A-10 + 0.5% CaCl₂ + 1% Salt + 10 lb/sk Gilsonite + 0.25 lb/sk cellophane flakes (14.6 wt, 1.5 yld)
Comp Strengths : **15.5 hr** – 500 psi **48 hr** – 1028 psi

Waited 30 minutes between slurries

Tail: 200 sx Thixotropic cmt consisting of Class H w/ 8% A-10 + 0.5% CaCl₂ + 1% Salt + 10 lb/sk Gilsonite + 0.25 lb/sk cellophane flakes (14.6 wt, 1.5 yld)
Comp Strengths : **15.5 hr** – 500 psi **48 hr** – 1028 psi

Started pumping tail slurry at 3 BPM at 45 psi. With 43 bbls pumped, pressure increased. Slowed rate to 1.6 BPM. Final pressure with 200 sx pumped was 210 psi.

5/7/2013 – Interm Csg Pressure Test: 1200 psi/30 min - OK

5/11/2013 - DRL F/ 6320' – T/6400' TD. RU Schlumberger Loggers.

5/12/2013 - 5-1/2" Production csg, 7.875" Hole, J-55 #17, csg set @ 6400'

Lead: 430 sx (35:65) Poz C w/ 5% Salt + 0.25% R38 + 6% Bentonite (12.6 wt, 2. yld)
Compressive Strengths: **12 hr** – 589 psi **24 hr** – 947 psi

Tail: 500 sx (50:50) Class C (14.2 wt, 1.31 yld)
Compressive Strengths: **12 hr** – 1379 psi **24 hr** – 2332 psi Circ 188 sx cmt to surf
Prod Csg Pressure Test: 2500 psi/30 min - OK

5/12/2013 - RR