

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**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		5. Lease Serial No. NMLC-029395B
2. Name of Operator APACHE CORPORATION <873>		6. If Indian, Allottee or Tribe Name
3. Address 303 VETERANS AIRPARK LN, #3000 MIDLAND, TX 79705	3b. Phone No. (include area Code) 432-818-1167 / 432-818-1193	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FNL & 2260' FEL Sec: 20 T17S R31E		8. Well Name and No. LEE FEDERAL #52 <308720>
		9. API Well No. 30-015-39889
		10. Field and Pool or Exploratory Area CEDAR LAKE; GLORIETA-YESO <96831>
		11. County or Parish, State EDDY COUNTY, NM

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 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 checked="" type="checkbox"/> Other <u>Csg & Cmt</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Sundry – end of well
	<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 directional or recompleting 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 recompleting 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.

5/30/2012 – SPUD**5/30/2012 - 13-3/8" Surface Csg; 17.5" Hole Sz: Run & set 13-3/8" 48# J-55 STC csg to 302'. Cmt with:****Lead:** 400 sx Class C w/ 1% CaCl₂, 0.25% R38 (14.8 wt, 1.33 yld)**Compressive Strengths :** 12 hr – 813 psi 24 hr – 1205 psi *** 0 BBLS Cmt to surface *****Surf Csg Pressure Test:** 1200 psi/30 min – OK.**Top job:** 60 sx Class C w/ 2% Cal/Chi ciec. ***13 sx cmt to surface*****6/1/2012 - DRL F/ 618' –T/ 1318', LOSSES 65-80 BPH.****6/6/2012 – DRL F/3364' T/3525' – TD.****RECEIVED**
JUL 20 2012
NMOCD ARTESIA

Remainder of sundry is on page 2.

APD Date 8/3/12
Accepted for record
NMOCD**ACCEPTED FOR RECORD**
[Signature]
JUL 19 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 6/26/2012

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)

Lee Federal #52 – Csg & Cmt Sundry

6/6/2012 - 8-5/8" Intermediate Csg; 11" Hole Sz: Run & set 8-5/8" 32# J-55 LTC csg to 3525'. SET DVT @ 1731'

6/7/2012 - Cmt with:

Lead: 700 sx (35:65) Poz C w/ 6% Bentonite, 5% Salt, 0.25% R38 (14.8wt, 2.1 yld)
Compressive Strengths: **12 hr** – 589 psi **24 hr** – 947 psi *** 30 BBLS Cmt to surface ***
Int Csg Pressure Test: 1500 psi/30 min – OK.
Tail: 1619 sx Class C w/, 0.25% R38 (14.8 wt, 1.34 yld) CLOSE DVT
Compressive Strengths: **12 hr** – 813 psi **24 hr** – 1205 psi ***115 BBLS cmt to surface***

6/8/2012 - Top Job: 200 sx Cl C 2% Cacl@ - 25% R-38 (14.8 wt, 1.35 yld)

6/12/2012 – DRL F/ 6000' –T/ 6422' – TD. RU BAKER-ATLAS LOGGERS

6/13/2012 - 5-1/2" Production Csg, 7.875" Hole Sz: Run & set 5-1/2" 17# J-55 LTC csg to 6422' (TOC: ~500') Cmt with:

Lead: 410 sx (65:35) Poz C w/ 5% Salt, 0.25% R38, 6% Bentonite (12.4 wt, 2.1 yld)
Compressive Strengths: **12 hr** – 540 psi **24 hr** – 866 psi
Tail: 650 sx (50:50) Poz C w/ 5% Salt, 0.25% R38, 2% Bentonite (14.2 wt, 1.28 yld)
Compressive Strengths: **12 hr** – 1379 psi **24 hr** – 2332 psi ***206 sx cmt to surface***
Prod Csg Pressure Test: 2500 psi/30 min – OK.

6/14/2012 - RR