

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.

5. Lease Serial No.

NMLC-028775B

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

BARNSDALL FEDERAL 16 <19485>

2. Name of Operator

APACHE CORPORATION <873>

9. API Well No.

30-015-41245

3. Address

**303 VETERANS AIRPARK LN, #3000
MIDLAND, TX 79705**

3b. Phone No. (include area Code)

432-818-1000 / 432-818-1613

10. Field and Pool or Exploratory Area

EMPIRE; GLORIETA-YESO, EAST<96610>

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

LOT B, SEC 27, T17S, R29E, 330' FNL & 2310' FEL

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

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | |
|---|---|--|
| <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: CSG
& 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 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.

Bond No: **BLM-CO-1463 Nationwide / NMB 000736**

1/5/14: Spud 1/5/14; Drlg f/51' – 165'; Lost circ @ 52', pmp high vis sweep, TOH to run 13-3/8" surf csg;

1/6/14: MIRU Lewis csg; work 13-3/8" csg, could not get past 90', TOH w/csg; Wiper trip w/same BHA, RU Lewis csg, run 13-3/8" csg, unable to get past 110', TOH w/csg, Reamer & wash to btm, LD BHA, prep to run csg.

1/7/14: Ran 4 jts 13-3/8" csg w/3 centralizers to 165', Wait on Baker for cmt; Notified Cheryl w/BLM of intent to cmt; cmt 13-3/8" surf csg w/ Lead: 100sx Thixotropic (14.4ppg, 1.55 yld, 6.65 gps)

Tail: 260sx CI C w/1% CACL (14.8ppg, 1.34 yld, 6.34gps) 88bbbs; Circ 30 bbls (210sx), BP; WOC

1/8/14: NU BOP, notify Cheryl w/BLM of intent to test BOPE, test OK, TIH, tag cmt @ 111'; test OK, Notify Cheryl BOPE test complete; Csg press test: 1200#/30 min-OK; Drill cmt; drill 165' – 415'

1/9/14: Drill 315' – 783', loc fell in under rig; set bit on btm, back off top of fish, RD, move off hole to evaluate
REPORT CONTINUED ON PAGE 2.

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

Name (Printed/Typed)

Courtney NikkelTitle **DRILLING TECH**

Signature

C. NikkelDate **3/25/2014**ARTESIA DISTRICT
JUL 07 2014**RECEIVED****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**Accepted for record
CRO NMOCD 7-8-14**

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)

JUN 28 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

BARNSDALL FEDERAL 16 - Csg & Cmt End of Well Sundry

1/21/14: MIRU, notify BLM

1/22/14: Engaged fish (free), Circ, TOH, Notified BLM of intent to run csg & cmt, RU Lewis csg, TIH w/19jts=790' 8-5/8" 32# J-55 LTC csg, set @ 783', RDMO Lewis, 7 centralizers; Circ; Notify BLM of cmt w/Baker:

Lead: 210sx Cl C w/4% gel (13.5ppg, 1.75yld, 8.87gps) Tail: 120 sx Cl C w/1% CACL (14.8ppg, 1.34yld, 6.34gps)
Bump plug; Circ 27 bbls (87sx) cmt, to pit; ND BOP, set 8-5/8" csg slips; WOC, NU BOP.

1/23/14: BLM notified of test (3rd part testers-Rig Dawgs); WOC, TIH w/7-7/8", tag cmt @ 697', Drill cmt & float equip, drill f/783' - 2246'.

1/24/14: Drlg f/2246' - 3490', 10 bbl/hr wtr flow @ 3200', Drlg f/3490' - 3990'.

1/25/14: Drlg f/3990' - 5408', 10 bbl/hr wtr flow.

1/26/14: Drlg f/5408' - 6105', TD, 10 bbl/hr wtr flow, Notified BLM of intent to run csg & cmt, Circ, TOH f/logs, MIRU Schlumberger w/logging tools, tag @ 6109'.

1/27/14: Finish logging, Notify BLM of intent to run csg & cmt, MIRU Lewis csg, Ran 148 jts 5-1/2" 17# J-55 LTC prod csg, set @ 6105', 74 centralizers, Circ, Baker cmt w/

Lead: 390sx Cl C (12.6ppg, 2.0yld, 10.57gps) Tail: 420sx Cl C (14.2ppg, 1.31yld, 5.58gps)
Circ 31 bbls (86sx), BP, RD Baker, ND BOP, set csg slips, WOC

1/28/14: WOC, Test Press. 2500psi/30 min-OK, Finish ND BOP, RR 1/28/14