

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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*

5. Lease Serial No.

NMLC-029426B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

CROW FEDERAL #13H <308711>

2. Name of Operator

APACHE CORPORATION <873>

9. API Well No.

30-015-40577

3. Address

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

3b. Phone No. (include area Code)

432-818-1117 / 432-818-1198

10. Field and Pool or Exploratory Area

CEDAR LAKE; GLORIETA-YESO <96831>

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

UL: M, SEC 10, T17S, R31E, 858' FSL & 250' FWL

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

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

- ☐
- Acidize
- ☐
- Deepen
- ☐
- Production (Start/Resume)
-
- ☐
- Alter Casing
- ☐
- Fracture Treat
- ☐
- Reclamation
-
- ☐
- Casing Repair
- ☐
- New Construction
- ☐
- Recomplete
-
- ☐
- Change Plans
- ☐
- Plug and Abandon
- ☐
- Temporarily Abandon
-
- ☐
- Convert to Injection
- ☐
- Plug Back
- ☐
- 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 recomple horizontal, 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****3/18/2013 – SPUD****Accepted for record
8/20/13 NMOCD 8/7/13****3/19/2013 - Surface 13.375", 17.5" Hole, H-40 #48 csg @ 587'****3/20/2013 - : 600 sx Class C (14.8 wt, 1.34 yld)****Compressive Strengths : 12 hr – 589 psi 24 hr – 947 psi**

Circ 169 sx cmt to surf

Surf Csg Pressure Test: 1100 psi/30 min – OK.

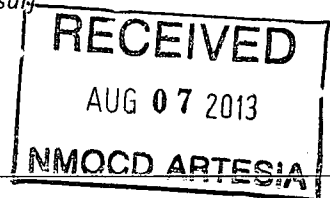
REPORT CONTINUED ON PAGE 2.

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

Name (Printed/Typed)

VICKI BROWNTitle **DRILLING TECH**

Signature

Date **7/22/2013****ACCEPTED FOR RECORD****THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Office

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.

BUREAU OF LAND MANAGEMENT

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)

Crow Federal #13H - Csg & Cmt End of Well Sundry

3/26/2013 - Intermediate 9.625", 12.25" Hole, J-55, #36 csg @ 3500'

Lead: 1385 sx Class C 35/65 POZ (12.9 wt, 2.07 yld)

Compressive Strengths: 12 hr – 540 psi 24 hr – 866 psi

Tail: 550 sx Class C w/1% CaCL + 0.25% De-foamer (14.8 wt, 1.33 yld)

Compressive Strengths: 12 hr – 813 psi 24 hr – 1205 psi

Circ 438 sx cmt to surf

3/31/2013 - Production 7", 8.750" Hole, J-55, #26 csg @ 4750'

~~4/1/2013 - Lead: 290 sx Class C 35/65 POZ (12.9 wt, 1.91 yld)~~

~~Tail: 330 sx Class C (14.8 wt 1.32 yld)~~

Circ 40 bbls cmt to surf

4/11/2013 - DRL F/ 9866' – T/10180' TD.

4/15/2013 - Production Liner 1 – 4.5", 6.125" Hole, HCL-80, #13.5 @10,165'

TIH with liner, 15 frac ports, 17 packers. Set liner hanger @ 4680'.

Glorieta isolation packer set at 5015'.

Prod Csg Pressure Test: 2000 psi/30 min – OK

4/16/2013- RR