

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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*

5. Lease Serial No.  
**NMNMLC-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 35H <308711>

2. Name of Operator  
**APACHE CORPORATION <873>**

9. API Well No.  
**30-015-42140**

3. Address  
**303 VETERANS AIRPARK LN, #3000  
MIDLAND, TX 79705**

3b. Phone No. (include area Code)  
**432-818-1000 / 432-818-1168**

10. Field and Pool or Exploratory Area  
**FREN; GLORIETA-YESO <26770>**

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

**UL M, SEC 3, T17S, R31E, 930' FSL & 557' 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                                |   |  |   |  |
|---|---|---|--|---|--|
| <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 |  |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>DRILLING OPS: CASING</u>               |  |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | <u>&amp; CEMENT REPORT</u>                |  |

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                      5/22/2014 SPUD;**

5/22/2014                      DRILLED 51' TO 650'; TD  
CIRC; TOH T/ RUN 13.375" CASING ; CIRC HOLE CLEAN F/ CSG; NOTIFIED BLM

5/22/2014                      SURFACE CSG 13.375, HOLE 17.5, H-40, 48# SET 650'; FC @ 605'; RAN 8 CENTRALIZERS;  
CMT WITH:                      7100 SX, CLASS C ( 14.8 WT, 1.34 YLD) CIRC 134 SX;

SURFACE CSG PRESSURE TEST: 1200 PSI/30 MIN –OK

**REPORT CONTINUED ON PAGE 2.**

*APD 3/24/15*  
ACCEPTED FOR RECORD

|  |                            |
|--|----------------------------|
| 14. I hereby certify that the foregoing is true and correct. |                            |
| Name (Printed/Typed)<br><b>MICHELLE COOPER</b>               | Title <b>DRILLING TECH</b> |
| Signature<br><i>Michelle Cooper</i>                          | Date <b>6/10/2014</b>      |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|  |        |   |
|--|--------|---|
| Approved by  | Title  | <p><b>ACCEPTED FOR RECORD</b></p> <p>FEB 7 2015</p> <p><i>Alannah Reynolds</i></p> <p>BUREAU OF LAND MANAGEMENT<br/>CARLSBAD FIELD OFFICE</p> |
| 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. |        |   |

**CROW FEDERAL 35H - Csg & Cmt End of Well Sundry**

5/23/2014 DRILL OUT CEMENT AND SHOE TRACK

5/23- 26/2014 DRLG F/650' TO 3500' TD INTERMEDIATE; CIRC;  
CONTACTED TERRY WILSON W/ BLM GAVE 4 HOURS NOTICE TO RUN CASING AND CEMENT

5/26/2014 INTERMEDIATE CSG 9 5/8 , HOLE 12.25, J55, 36# SET @ 3500' FC @ 3457'; 25 CENTRALIZERS; CIRC  
CMT: LEAD 840 SX CLASS C, 12.90 WT, 1.9 YLD,  
TAIL 570 SX CLASS C, 14.8 WT, 1.33 YLD  
  
CIRC 438 SX; PRODUCTION CSG PRESSURE TEST 1200 PSI/ 30 MIN- OK

5/27/2014 WOC; TAG CEMENT @ 3446'

5/28/2014 DRILLING PRODUCTION 3520' - 4825' KOP;  
CIRC; TOH FOR CURVE ASSEMBLY

5/29/2014 START CURVE; DRILLING CURVE 4822' - 5578' MD; LANDED CURVE 5578'

5/30- 6/2 DRILLING LATERAL 5578-9461; TD; CIRC;

6/5/2014 TOH TO RUN PRODUCTION CASING; NOTIFIED BLM TO RUN PRODUCTION CSG & CMT;

6/6/2014 PRODUCTION CSG 5.5, HOLE 7.875, L80, 17# SET @ 9430' FC @ 4581'; 27 CENTRALIZERS; CIRC  
CMT: LEAD 390 SX CLASS C, 12.60 WT, 2.6 YLD,  
TAIL 370 SX CLASS H, 13.0 WT, 1.48 YLD  
  
CIRC 198 SX; PRODUCTION CSG PRESSURE TEST 2500 PSI/ 30 MIN- OK  
  
6/6/2014 RIG RELEASED