

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*

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 20H <308711>

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

9. API Well No.  
**30-015-41910**

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)  
**LOT I, SEC 10, T17S, R31E, 2310' FSL & 370' 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	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	<b>DRILLING OPS: CASING &amp; CEMENT REPORT</b>
	<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 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                      2/28/2014 SPUD**

3/1/2014                      NOTIFIED BOBBY WITH BLM OF SPUD; DRILLING SURFACE 51' TO 294'; DRILLING ' TO 680'; TOH T/ RUN 13.375" CASING ;

NOTIFIED BOBBY WITH BLM OF CASING & CEMENT JOB

3/1/2014                      SURFACE CSG 13.375, HOLE 17.5, H-40, 48# SET 680'; FC @ 639'; RAN 8 CENTRALIZERS; WOC

CMT WITH: 730 SX, CLASS C (14.8 WT, 1.34 YLD);

CIRC 125 CMT TO SURFACE; WOC;

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

REPORT CONTINUED ON PAGE 2.

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

**FEB 13 2015**

**RECEIVED**

*APD 2/13/15*  
**Accepted for record**  
**NM OCS**

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed) **MICHELLE COOPER**  
Signature *Michelle Cooper*

Title **DRILLING TECH**  
Date **5/7/2014**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**ACCEPTED FOR RECORD**  
**FEB 11 2015**  
*Deborah Nam*  
**BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE**

Approved by \_\_\_\_\_  
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.

Title \_\_\_\_\_  
Office \_\_\_\_\_  
Date \_\_\_\_\_

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 20H - Csg & Cmt End of Well Sundry**

3/4/2014 DRILL 3285'-3500' TD; CONTACTED JIM HUGHES W/ BLM GAVE 4 HRS NOTICE TO RUN CSG & CMT; CIRC

INTERMEDIATE CSG 8.625, HOLE 11", J55, 32#, SET @ 3500' FC 3453; 28 CENTRALIZERS; CIRC FOR CMT

CMT: 780 SX CLASS C 12.9 WT, 1.92 YLD  
450 SX CLASS C 14.8 WT, 1.33 YLD

CIRC 131 SX

INTERMEDIATE CSG PRESSURE TEST 1200 PSI/ 30 MIN-OK

3/12/2014 DRILL 9960'-10296'; TD MD 10,296 TD TVD 5835.9 MIRU SCHLUMBERGER LOGGERS; NOTIFIED BLM GAVE 4 HOUR NOTICE TO RUN CASING AND CEMENT

3/14/2014 PRODUCTION CSG 5.5, HOLE 7.875, L80, 17# SET @ 10296' FC 10251; 30 CENTRALIZERS; CIRC

CMT: 410 SX CLASS C 12.6 WT, 2.6 YLD,  
1270 SX CLASS C 13.0 WT, 1.48 YLD

CIRC 301 SX; PRODUCTION CSG PRESSURE TEST 2500 PSI/ 30 MIN- OK

3/14/2014 RIG RELEASED