

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
CROW FEDERAL (308711) 12H2. Name of Operator
APACHE CORPORATIONContact: FATIMA VASQUEZ
E-Mail: fatima.vasquez@apachecorp.com9. API Well No.
30-015-405763a. Address
303 VETERANS AIRPARK LANE STE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-101510. Field and Pool, or Exploratory
FREN;GLORIETA-YESO(26770)

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

Sec 10 T17S R31E 1013FSL 250FWL

RECEIVED

JAN 29 2014

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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
-
- ☐
- Alter Casing
-
- ☐
- Casing Repair
-
- ☐
- Change Plans
-
- ☐
- Convert to Injection

- ☐
- Deepen
-
- ☐
- Fracture Treat
-
- ☐
- New Construction
-
- ☐
- Plug and Abandon
-
- ☐
- Plug Back

- ☐
- Production (Start/Resume)
-
- ☐
- Reclamation
-
- ☐
- Recomplete
-
- ☐
- Temporarily Abandon
-
- ☐
- Water Disposal

- ☐
- Water Shut-Off
-
- ☐
- Well Integrity
-
- ☒
- Other
-
- Production Start-up

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 directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Apache completed this horizontal well as follows:

08/16/2013 RU wireline. Log TOC @ Surface.
09/03/2013 MIRUSU. Spot 1000 gals acid. Rough hole. Set CIBP @ 4553'.
09/04/2013 Continue chasing CIBP to bottom of hole.
09/05/2013 Set CBP @ 10,665'. Stage 1 - Perf Blinbry @ 10,593'-10,595', 10,499'-10,501',
10,405'-10,407' w/ 5 SPF, 45 holes. Frac w/ 178 bbl 15% HCl
& 178,800# sand (100 Mesh & 40/70).
Set CBP @ 10,352'. Stage 2 - Perf Blinbry @ 10,311'-10,313', 10,217'-10,219', 10,123'-10,125' w/
5 SPF, 45 holes. Frac w/ 178.5 bbl 15% HCl & 181,800# sand (100 Mesh & 40/70).
Set CBP @ 10,076'. Stage 3 - Perf Blinbry @ 10,034'-10,036', 9935'-9937', 9841'-9843' w/ 5 SPF
45 holes. Frac w/ 178.5 bbl 15% HCl &**ACCEPTED FOR RECORD**

JAN 26 2014

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Electronic Submission #230089 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by JOHNNY DICKERSON on 01/22/2014 ()

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY TECH II

Signature (Electronic Submission)

Date 12/19/2013

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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #230089 that would not fit on the form

32. Additional remarks, continued

180,900# sand (100 Mesh & 40/70).
Set CBP @ 9794'. Stage 4 - Perf Blinebry @ 9747'-9749', 9655'-9657', 9559'-9561' w/ 5 SPF, 45 holes. Frac w/ 179.5 bbl 15% HCl & 177,280# sand (100 Mesh & 40/70).
Set CBP @ 9512'. Stage 5 - Perf Blinebry @ 9512'-9514', 9465'-9467', 9371'-9373' w/ 5 SPF, 45 holes. Frac w/ 179.5 bbl 15% HCl & 180,420# sand (100 Mesh & 40/70).
Set CBP @ 9230'. Stage 6 - Perf Blinebry @ 9183'-9185', 9089'-9091', 8990'-8992' w/ 5 SPF, 45 holes.
09/06/2013 Frac w/ 178 bbl 15% HCl & 180,240# sand (100 Mesh & 40/70).
Set CBP @ 8948'. Stage 7 - Perf Blinebry @ 8901'-8903', 8807'-8809', 8713'-8715' w/ 5 SPF, 45 holes. Frac w/ 179.5 bbl 15% HCl & 177,420# sand (100 Mesh & 40/70).
Set CBP @ 8666'. Stage 8 - Perf Blinebry @ 8622'-8624', 8522'-8524', 8431'-8433' w/ 5 SPF, 45 holes. Frac w/ 180 bbl 15% HCl & 179,460# sand (100 Mesh & 40/70).
Set CBP @ 8384'. Stage 9 - Perf Blinebry @ 8337'-8339', 8240'-8242', 8149'-8151' w/ 5 SPF, 45 holes. Frac w/ 181 bbl 15% HCl & 178,660# sand (100 Mesh & 40/70).
Set CBP @ 8102'. Stage 10 - Perf Blinebry @ 8055'-8057', 7961'-7963', 7867'-7869' w/ 5 SPF, 45 holes. Frac w/ 178.6 bbl 15% HCl & 178,040# sand (100 Mesh & 40/70).
Set CBP @ 7820'. Stage 11 - Perf Blinebry @ 7773'-7775', 7677'-7679', 7585'-7587' w/ 5 SPF, 45 holes. Frac w/ 180 bbl 15% HCl & 181,300# sand (100 Mesh & 40/70).
Set CBP @ 7538'. Stage 12 - Perf Blinebry @ 7491'-7493', 7397'-7399', 7300'-7302' w/ 5 SPF, 45 holes. Frac w/ 178 bbl 15% HCl & 180,880# sand (100 Mesh & 40/70).
Set CBP @ 7256'. Stage 13 - Perf Blinebry @ 7209'-7211', 7115'-7117', 7019'-7021' w/ 5 SPF, 45 holes. Frac w/ 179 bbl 15% HCl & 178,880# sand (100 Mesh & 40/70).
Set CBP @ 6974'. Stage 14 - Perf Blinebry @ 6927'-6929', 6833'-6835', 6744'-6746' w/ 5 SPF, 45 holes.
9/07/2013 Frac w/ 179 bbl 15% HCL & 184,920# sand (100 Mesh & 40/70). Communication noted w/ Crow Fed #11H.
Set CBP @ 6702'. Stage 15 - Perf Blinebry @ 6645'-6647', 6551'-6553', 6457'-6459' w/ 5 SPF, 45 holes. Frac w/ 179 bbl 15% HCl & 180,480# sand (100 Mesh & 40/70).
10/03/2013 DO plug #1 @ 6702'.
10/04/2013 DO plugs @ 6974', 7256', 7538', 7820', 8102', 8384', 8666', 8948', 9230', 9512', 9794', 10,076'.
10/05/2013 DO last plug @ 10,352'. CO to PBDT @ 10,665'.
10/07/2013 Laydown all tbq. Well SI w/on prod equip.
10/16/2013 RIH w/ tbq.
10/17/2013 RIH w/ 2-7/8" J-55 6.5# prod tbq. Submersible @ 5794'. Desander @ 5798'. ETD @ 6122'. SI well. RDMOSU.
11/06/2013 POP.