

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

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 23H2. Name of Operator
APACHE CORPORATIONContact: FATIMA VASQUEZ
E-Mail: fatima.vasquez@apachecorp.com9. API Well No.
30-015-41167-00-S13a. Address
303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-101510. Field and Pool, or Exploratory
FREN

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

Sec 9 T17S R31E SWNW 1650FNL 10FWL
32.851757 N Lat, 103.883394 W Lon

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			
<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	Production Start-up
	<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 directionally or recomple 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 recompletion 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:

10/31/2013 Log TOC @ 100'.
11/01/2013 Stage 1 - Perf Upper Blinebry @ 10,257'-10,259', 10,157'-10'159', 10,057'-10,059' w/ 5 SPF, 45 holes.
12/05/2013 Frac w/ 181.9 bbl 15% HCl & 182,280# sand (100 Mesh & 40/70).
Set CBP @ 10,007'. Stage 2 - Perf Upper Blinebry @ 9957'-9959', 9857'-9859', 9757'-9759' w/ 5 SPF, 45 holes. Frac w/ 178.6 bbl 15% HCl & 185,160# sand (100 Mesh & 40/70).
Set CBP @ 9707'. Stage 3 - Perf Upper Blinebry @ 9657'-9659', 9557'-9559', 9457'-9459' w/ 5 SPF, 45 holes. Frac w/ 181 bbl 15% HCl & 183,360# sand (100 Mesh & 40/70).
Set CBP @ 9407'. Stage 4 - Perf Upper Blinebry @ 9357'-9359', 9257'-9259', 9157'-9159' w/ 5 SPF, 45 holes. Frac w/ 180.4 bbl 15% HCl & 177,280# sand (100 Mesh & 40/70).

NM OIL CONSERVATION

ARTESIA DISTRICT

JUL 14 2014

RECEIVED

8/2/2014
Accepted for record
NM OCD

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

Electronic Submission #239735 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by ANGEL MAYES on 05/06/2014 (14AXM0074SE)

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST II

Signature (Electronic Submission)

Date 03/24/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**JAMES A AMOS
Title SUPERVISOR EPS

Date 06/30/2014

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 Carlsbad

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #239735 that would not fit on the form

32. Additional remarks, continued

Set CBP @ 9107'. Stage 5 - Perf Upper Blinebry @ 9057'-9059', 8957'-8959', 8857'-8859' w/ 5 SPF, 45 holes. Frac w/ 153.1 bbl 15% HCl & 180,280# sand (100 Mesh & 40/70).
Set CBP @ 8807'. Stage 6 - Perf Upper Blinebry @ 8757'-8759', 8657'-8659', 8557'-8559' w/ 5 SPF, 45 holes. Frac w/ 128 bbl 15% HCl & 178,170# sand (100 Mesh & 40/70).
Set CBP @ 8507'. Stage 7 - Perf Upper Blinebry @ 8457'-8459', 8357'-8359', 8257'-8259' w/ 5 SPF, 45 holes. Frac w/ 120 bbl 15% HCl & 182,260# sand (100 Mesh & 40/70).
Set CBP @ 8197'. Stage 8 - Perf Upper Blinebry @ 8157'-8159', 8057'-8059', 7957'-7959' w/ 5 SPF, 45 holes. Frac w/ 118 bbl 15% HCl & 181,160# sand (100 Mesh & 40/70).
Set CBP @ 7907'. Stage 9 - Perf Upper Blinebry @ 7857'-7859', 7757'-7759', 7657'-7659' w/ 5 SPF, 45 holes. Frac w/ 120 bbl 15% HCl & 176,940# sand (100 Mesh & 40/70).
Set CBP @ 7607'. PUH, perf miss-fired. Lubricator is frozen, de-ice.
12/07/2013 Stage 10 - Perf Upper Blinebry @ 7557'-7559', 7457'-7459', 7357'-7359' w/ 5 SPF, 45 holes. Frac w/ 180 bbl 15% HCl & 172,640# sand (100 Mesh & 40/70).
Set CBP @ 7307'. Stage 11 - Perf Upper Blinebry @ 7257'-7259', 7157'-7159', 7057'-7059' w/ 5 SPF, 45 holes. Frac w/ 181 bbl 15% HCl & 185,160# sand (100 Mesh & 40/70).
Set CBP @ 7007'. Stage 12 - Perf Upper Blinebry @ 6957'-6959', 6857'-6859', 6757'-6759' w/ 5 SPF, 45 holes. Frac w/ 178.6 bbl 15% HCl & 186,350# sand (100 Mesh & 40/70).
Set CBP @ 6707'. Stage 13 - Perf Upper Blinebry @ 6657'-6659', 6557'-6559', 6457'-6459' w/ 5 SPF, 45 holes. Frac w/ 179.2 bbl 15% HCl & 176,720# sand (100 Mesh & 40/70).
Set CBP @ 6407'. Stage 14 - Perf Upper Blinebry @ 6357'-6359', 6257'-6259', 6157'-6159' w/ 5 SPF, 45 holes. Frac w/ 179.2 bbl 15% HCl & 163,360# sand (100 Mesh & 40/70).
Wireline is frozen, trying to thaw.
12/08/2013 Set CBP @ 6107'. Stage 15 - Perf Upper Blinebry @ 6057'-6059', 5957'-5959', 5857'-5859' w/ 5 SPF, 45 holes. Frac w/ 179 bbl 15% HCl & 179,480# sand (100 Mesh & 40/70). SI and secure.
12/21/2013 DO plugs - #1@ 6107', #2@ 6407', #3@ 6707', #4@ 7007', #5@ 7307', #6@ 7607', #7@ 7907', #8@ 8197', #9@ 8507', #10@ 8807', #11@ 9107', #12@ 9407', & #13@ 9707', & #14@ 10,007'. Circ hole clean to PBD @ 10,357'.
01/10/2014 RIH w/ 2-7/8" J-55 6.5# prod tbg. Submersible @ 5295'. Desander @ 5377'. ETD @ 5706'.
02/02/2014 POP.