

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JAN 06 2015
Artesia

FORM 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-~~drill~~ an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CROW FEDERAL 037H

9. API Well No.
30-015-42142

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

3a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-818-1801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T17S R31E SESE 995FSL 525FWL

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 recomplete 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 well as follows:
08/06/2014 MIRU LOG-ETOC 2: WILL MIRUSU @LATER DATE
08/27/2014 RIH W/MILL & TBG
08/28/2014 RIH W/ MILL & BRUSH
08/29/2014 RIH W/ SHIFTING TOOL & PACKER/SLEEVES
10/10/2014
FRAC STAGE # 6 PUMPED 120 BBLS 15 % ACID, 3.50 OD BALL DROP W/ ACID, OPEN PORT W/3873 # PSI, 71,685
100 MESH FRAC PROPANT, 69,957 # 40/70 FRAC PROPANT, 39,172 # RESIN COATED FRAC PROPANT, 302 BBLS
FLUSH, FRAC STAGE # 7 PUMPED 120 BBLS 15 % ACID, 3.625 OD BALL DROP W/ ACID, OPEN PORT W/3887 #
PSI, 71,379 # 100 MESH FRAC PROPANT, 71,142 # 40/70 FRAC PROPANT, 39,466 # RESIN COATED FRAC
PROPANT, 249 BBLS FLUSH, FRAC STAGE # 8 PUMPED 120
BBLS 15 % ACID, 3.750 OD BALL DROP W/ ACID, OPEN PORT W/ 3874 # PSI, 70,560 # 100 MESH FRAC

Accepted for record
JRD 1/13/15

NM OIL CONSERVATION
ARTESIA DISTRICT
JAN 26 2015
RECEIVED

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

**Electronic Submission #284741 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 01/16/2015 ()**

Name (Printed/Typed) EMILY FOLLIS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/10/2014

ACCEPTED FOR RECORD
JAN 21 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____

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 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 #284741 that would not fit on the form

32. Additional remarks, continued

PROPANT, 71,596 # 40/70 FRAC PROPANT, 39,094 # RESIN COATED FRAC PORPANT, 253 BBLS FLUSH, FRAC STAGE # 9 PUMPED 120 BBLS 15 % ACID, 3.875 OD BALL DROP W/ ACID, OPEN PORT W/4045# PSI, 71,178 # 100 MESH FRAC PROPANT, 71,182 # 40/70 FRAC PROPANT 40,570 # RESIN COATED FRAC PROPANT, 199 BBLS FLUSH, WELL IN & SHUT DOWN FOR NIGHT OPEN PORT ON STAGE # 10 PUMPED 120 BBLS 15 % ACID, 4.00 OD BALL DROP W/ ACID, OPEN PORT W/ 3598 # PSI, DISPLACE ACID W/300 BBLS SLICK WATER, SHUT FRAC STAGE # 10 PUMPED 120 BBLS 15 % ACID, DROP 4.00 BALL W/ ACID, OPEN SLEEVE W/3598 # PSI, 71,584 # 100 MESH FRAC PROPANT, 68,870 # 40/70 FRAC PROPANT, 42,821 # RESIN COATED FRAC PORPANT, 230 BBLS FLUSH FRAC STAGE # 11 PUMPED 120 BBLS 15 % ACID, DROP 4.125 BALL W/ ACID, OPEN SLEEVE W/ 3682 # PSI, 68,517 # 100 MESH FRAC PROPANT, 68,846 # 40/70 FRAC PROPANT, 40,038 # RESIN COATED FRAC PORPANT, 224 BBLS FLUSH FRAC STAGE # 12 PUMPED 120 BBLS 15 % ACID, DROP 4.250 BALL W/ ACID, OPEN SLEEVE W/ 4196 # PSI, 69,692 # 100 MESH FRAC PROPANT, 69,906 # 40/70 FRAC PROPANT, 38,916 # RESIN COATED FRAC PORPANT, 215 BBLS FLUSH, FRAC STAGE # 13 PUMPED 120 BBLS 15 % ACID, DROP 4.375 BALL W/ ACID, OPEN SLEEVE W/ 4147 # PSI, 67,530 # 100 MESH FRAC PROPANT, 71,038 # 40/70 FRAC PROPANT, 39,976 # RESIN COATED FRAC PORPANT, 221 BBLS FLUSH

10/24/2014

MIRU SURFACE EQUIPMENT AND BEGIN TIH W/ 4.50 MILL,BIT SUB, X/O, AND TBG, 2 7/8 PH-6, TAGGED UP ON PORT # 1 AT 6167, DRILL OUT PORT # 1 RUN SWEEP, RUN IN AND OUT OF PORT FOR PROPER CLEARANCE, RIH TO PORT # 2 AT 6487, DRILL OUT PORT # 2, RUN SWEEP, RUN IN AND OUT OF PORT FOR PROPER CLEARANCE, CIRCULATE, RIH TO PORT # 3 AT 6815, DRILL OUT PORT #3, RUN SWEEP, RUN IN AND OUT OF PORT W/ MILL TO ENSURE PROPER CLEARANCE, RIH TO PORT # 4 AT 7142, DRILL OUT PORT # 4, RUN SWEEP, RUN IN AND OUT OF PORT FOR PROPER CLEARANCE, RIH TO PORT # 5 AT 7453, DRILL OUT PORT # 5, RUN SWEEP, RUN IN AND OUT OF PORT TO ENSURE PROPER CLEARANCE, CIRCULATE, RIH TO PORT # 6 AT 7768, DRILL OUT PORT, RUN SWEEP, RUN IN AND OUT OF PORT TO ENSURE PROPER CLEARANCE, RIH TO PORT #7 AT 8088, DRILL OUT PORT, RUN SWEEP, RUN IN AND OUT OF PORT TO ENSURE PROPER CLEARANCE, RIH TO PORT # 8 AT 8398, DRILL OUT PORT, RUN SWEEP, RUN IN AND OUT OF PORT W/ MILL TO ENSURE PROPER CLEARANCE, RIH TO PORT # 9 AT 8705, DRILL OUT PORT, RUN SWEEP, RUN IN AND OUT OF PORT W/ MILL TO ENSURE PROPER CLEARANCE, RIH TO PORT # 10 AT 9025, DRILL OUT PORT, RUN SWEEP, RUN IN AND OUT OF PORT W/ MILL TO ENSURE PROPER CLEARANCE, CIRCULATE RIH TO PORT # 11 AT 9398, DRILL OUT PORT #11 RUN SWEEP, RUN MILL IN AND OUT OF PORT TO ENSURE PROPER CLEARANCE

10/25/2014: RIH TO FRAC PORT # 12 AT 9558, DRILL OUT PORT, RUN SWEEP, RUN IN AND OUT OF PORT W/ MILL FOR PROPER ID, RIH TO PBSD OF 9980 CIRCULATE WELL
TOTAL PACKER SLEEVE ASSEMBLY INTERVAL = 6166?-9834?

11/4/2014 RIH W/165 JTS 2-17/8 J-55 TBG

11/5/2014 WELL HAD 159 JTS 2-7/8 RE-RAN TO 5163? RIH W/ SUBMERSIBLE

11/17/201 INSTALL DRIVE & ELEC - POP