

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
OLD ARTESIA
ARTESIA DISTRICT

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-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FEB 23 2015

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029426B
2. Name of Operator APACHE CORPORATION Contact: EMILY FOLLIS E-Mail: EMILY.FOLLIS@APACHECORP.COM		6. If Indian, Allottee or Tribe Name
3a. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705	3b. Phone No. (include area code) Ph: 432-818-1801	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T17S R31E SENE 1680FNL 330FEL		8. Well Name and No. CROW FEDERAL 25H
		9. API Well No. 30-015-41944
		10. Field and Pool, or Exploratory FREN:GLORIETA-YESO<26770>
		11. County or Parish, and State EDDY COUNTY 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 Production Start-up
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.)

SEE ATTACHED FOR THE SUNDRY 3160-5 CROW FEDERAL 25H

APD 3/24/15
Accepted for Record
12/18/2014

14. I hereby certify that the foregoing is true and correct.		ACCEPTED FOR RECORD FEB 12 2015 <i>Deborah Ham</i> BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Electronic Submission #285737 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH HAM on 01/30/2015		
Name (Printed/Typed) EMILY FOLLIS	Title REGULATORY ANALYST	
Signature (Electronic Submission)	Date 12/18/2014	
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.		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 ****

CROW FEDERAL 25H – SUNDRY 3160-5

04/16/2014 LOG WELL - CBL-GR-CCL-CNL

04/17/2014 PREP TO FRAC AT LATER DATE

05/06/2014 MIRU WL & PUMPCO, RIH SET CBP & FRAC STAGES 1 THRU 3. STAGE 1, PERF FROM 9522'-9524', 9594'-9596'. 9666' - 9668', 9738'-9740'. @ 40 HOLES. TURN OVER TO PUMPCO

PUMPCO SERVICES TO FRAC RAN ,4837.3 BBL SLICKWATER, 70250 LBS 100 MESH SAND,TOTAL PROP = 180000 LBS, STAGE 2, PERF FROM 9242'-9244', 9314'-9316',9386' - 9388', 9458'-9460'. @ 40 HOLES. TURN OVER TO PUMPCO 5189 BBL SLICKWATER,TOTAL PROP = 182720 LBS, STAGE 3. SET CBP @ 9222'. PUH PERF FROM 9178' - 9180'. 9106'-9108'. 9034'-9036'. 8962'-8964'. @ 40 HOLES. POH RUNNING CCL LOG.TURN OVER TO PUMPCO 4947 BBL SLICKWATER,TOTAL PROP = 181710 LBS,

05/07/2014 MOVE FRAC OPS TO CROW 26H. AFTER FINDING OBSTRUCTION AND STICKING WL (HAD TO SET CBP AT 5687') WILL HAVE TO DRILL OUT CBP TO CONTINUE FRAC ON THIS WELL. SET CBP AND PERF THEN FRAC STAGES 4 THRU 8 STAGE 4. PERF FROM 8898' - 8900'. 8826'-8828'. 8754'-8756'. 8682'-8684'. @ 40 HOLES. TURN OVER TO PUMPCO 4479 BBL SLICKWATER, , 69530 LBS TOTAL PROP = 178330 LBS STAGE 5. PERF FROM 8618' - 8620'. 8546' - 8548'. 8474' - 8476'. 8402' - 8404'. @ 40 HOLES. TURN OVER TO PUMPCO 4667 BBL SLICKWATER, , TOTAL PROP = 181200 LBS, STAGE 6. PERF FROM 8338' - 8340'. 8266' -8268'. 8194' - 8196'. 8122' - 8124'. @ 5 JSPF, 2 FT, 60 DEG PHASING, 40 HOLES. TURN OVER TO PUMPCO STAGE 6: 4488 BBL SLICKWATER, TOTAL PROP = 179200 LBS, AVG STAGE 7. PERF FROM 8058' - 8056'. 7986' -7984'. 7914' - 7912'. 7842' - 7840'. 40 HOLES. 4630 BBL SLICKWATER TOTAL PROP = 184090 LBS, STAGE 8 PERF FROM 7778' - 7780'. 7706' -7708'. 7634' - 7636'. 7562' - 7564'. @ 40 HOLES. 4527 BBL SLICKWATER ,TOTAL PROP = 180380 LBS STAGE #9

05/08/2014 START PMP DOWN OF STAGE #9 PERF TOOLS AND CBP. RAN INTO OBSTRUCTION AT 5687' AT MIDNIGHT. WL PERF TOOLS STUCK AT 5687 SET CBP AT 5687'. TOOLS STILL STUCK AFTER CBP SET.

05/14/2014 RIH W/ BIT

05/15/2014 POH & RDMO.

05/16/2014 PREP TO FRAC REMAINING STAGES AT LATER DATE

05/19/2014 PERFORATE & FRAC STAGES #9 THRU #12 ,STAGE 9 PERF FROM 7498' - 7500'. 7426' - 7428'. 7354' - 7356'. 7282' - 7284'. @ 40 HOLES. 4714 BBL SLICKWATER, TOTAL PROP = 178990 LBS. STAGE 10 PERF FROM 7218' - 7220'. 7146' -7148'. 7074' - 7076'. 7002' - 7004'. @ 40 HOLES. STAGE 10 - PUMPCO SERVICES TO FRAC 4754 BBL SLICKWATER, TOTAL PROP = 177920 LBS, STAGE 11 PERF FROM 6938' - 6940'. 6866' -6868'. 6794' - 6796'. 6722' - 6724'. @ 40 HOLES. 4652 BBL SLICKWATER,TOTAL PROP = 176250 LBS, STAGE 12 PERF FROM 6658' - 6660'. 6586' -6588'. 6514' - 6516'. 6442' - 6444'. @ 40 HOLES. 4639 BBL SLICKWATER,TOTAL PROP = 174940 LBS.

05/20/2014 STAGE 13 PERF FROM 6378' - 6380'.

6306' - 6308'. 6234' - 6236'. 6162' - 6164'. @ 40 HOLES. PUMPCO 4652 BBL SLICKWATER,TOTAL PROP = 177300 LBS,STAGE 14 PERF FROM 6098' - 6100'. 6026' - 6028'. 5954' - 5956'. 5800' - 5802'. @ 40 HOLES PUMPCO. 4540 BBL SLICKWATER,TOTAL PROP = 179480 LBS

05/27/2014 STAGE 14 PERF FROM 6098' - 6100'. 6026' -6028'. 5954' - 5956'. 5800' - 5802'. @ 40 HOLES PUMPCO. 4540 BBL SLICKWATER,TOTAL PROP = 179480 LBS

05/27/2014 DRLG PLUGS # 7 THRU #13.

05/28/2014 DRLG PLUGS #7 - #13. CIRCULATE HOLE CLEAN. BEGIN TOOH LAYING DOWN WORK STRING

05/29/2014 FINISH TOOH THEN RIG DOWN

06/03/2014 MIRUSU & SCHLUMBERGER REDA CABLE & CT 150 JTS 2 7/8" NEW J55 & 10 JTS 2 3/8" NEW J-55 TBG. NU BOP & ANNULAR. MIRU SCHLUMBERGER. PU & RIH 2 3/8" BP, 10 JTS 2 3/8" TBG, DESANDER, SUBMERSIBLE,REDA CABLE & CT, 136 JTS 2 7/8" TBG. LAND HANGER. ND BOP. SECURE HANGER. RD SCHLUMBERGER.RDMOSU. SI. SDFN. PREP TO INSTALL DRIVES & ELECTRIC @ LATER DATE. 150 JTS 2 7/8" NEW J55 & 10 JTS 2 3/8" NEWJ55 TBG. NU BOP & ANNULAR. MIRU SCHLUMBERGER. PU & RIH 2 3/8" BP, 10 JTS 2 3/8" TBG, DESANDER,SUBMERSIBLE, REDA CABLE & CT, 136 JTS 2 7/8" TBG. LAND HANGER. ND BOP. SECURE HANGER. RDSCHLUMBERGER.RDMOSU. SI. SDFN. PREP TO INSTALL DRIVES & ELECTRIC @ LATER DATE.

06/10/2014 INSTALL DRIVE & ELECTRIC START PROD TO BATTERY FINAL REPORT