

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.**

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		6. If Indian, Allottee or Tribe Name
3a. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-818-1015		8. Well Name and No. CROW FEDERAL 11H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T17S R31E SWSW 948FSL 250FWL 32.844325 N Lat, 103.864769 W Lon		9. API Well No. 30-015-40575-00-X1
		10. Field and Pool, or Exploratory CEDAR LAKE
		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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> 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 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:

08/14/2013 MIRUSU. RIH w/ tbg & guns. Perf 10,162'-64', 10,062'-64', 9962'-64' w/ 5 SPF, 45 holes.

08/15/2013 POOH, 1st gun misfired @ 9962'-64'.

08/16/2013 MIRU wireline, perf @ 9962'-64'. Log TOC @ surface.

08/28/2013 Frac Stage 1 w/ 181.5 bbl 15% HCL & 180,080# sand (100 Mesh & 40/70).

Set CBP @ 9912'. Stage 2 - Perf Blinbry @ 9862'-64', 9762'-64', 9662'-64' w/ 5 SPF, 45 holes.

Frac w/ 180.4 bbl 15% HCL & 179,900# sand (100 Mesh & 40/70).

Set CBP @ 9612'. Stage 3 - Perf Blinbry @ 9558'-60', 9462'-64', 9362'-64' w/ 5 SPF, 45 holes.

Frac w/ 178.5 bbl 15% HCL & 181,260# sand (100 Mesh & 40/70).

Set CBP @ 9320'. Stage 4 - Perf Blinbry @ 9262'-64', 9162'-64', 9062'-64' w/ 5 SPF, 45 holes.

Frac w/180.0 bbl 15% HCL & 180,140# sand (100 Mesh & 40/70).

12/12/13
Accepted for record
NMCCD

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #228619 verified by the BLM Well Information System For APACHE CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by JOHNNY DICKERSON on 12/12/2013 (14JLD1726SE)	
Name (Printed/Typed) FATIMA VASQUEZ	Title REGULATORY TECH
Signature (Electronic Submission)	Date 12/04/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 12/15/2013
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 #228619 that would not fit on the form

32. Additional remarks, continued

08/29/2013 Set CBP @ 9012'. Stage 5 - Perf Blinebry @ 8962'-64', 8862'-64', 8762'-64' w/ 5 SPF, 45 holes. Frac w/ 178.5 bbl 15% HCL & 179,940# sand (100 Mesh & 40/70).
Set CBP @ 8712'. Stage 6 - Perf Blinebry @ 8662'-64', 8562'-64', 8462'-64' w/ 5 SPF, 45 holes. Frac w/ 180.0 bbl 15% HCL & 178,280# sand (100 Mesh & 40/70).
Set CBP @ 8412'. Stage 7 - Perf Blinebry @ 8362'-64', 8262'-64', 8162'-64', w/ 5 SPF, 45 holes. Frac w/ 179.0 bbl 15% HCL & 182,960 # sand (100 Mesh & 40/70).
Set CBP @ 8112?. Stage 8 - Perf Blinebry @ 8062?-64?, 7962?-64?, 7862?-64? w/ 5 SPF, 45 holes. Frac w/ 180.0 bbl 15% HCL & 178,540# sand (100 Mesh & 40/70).
Set CBP @ 7802?. Stage 9 - Perf Blinebry @ 7762?-64?, 7662?-64?, 7562?-64? w/ 5 SPF, 45 holes. Frac w/ 179.0 bbl 15% HCL & 178,320# sand (100 Mesh & 40/70).
Set CBP @ 7506?. Stage 10 - Perf Blinebry @ 7462?-64?, 7362?-64?, 7262?-64? w/ 5 SPF, 45 holes. Frac w/ 180.0 bbl 15% HCL & 180,589# sand (100 Mesh & 40/70).
Set CBP @ 7212?. Stage 11 - Perf Blinebry @ 7168?-70?, 7062?-64?, 6966?-68? w/ 5 SPF, 45 holes. Frac w/ 179.0 bbl 15% HCL & 182,240# sand (100 Mesh & 40/70).
Set CBP @ 6912?. Stage 12 - Perf Blinebry @ 6862?-64?, 6764?-66?, 6662?-64? w/ 5 SPF, 45 holes. Frac w/ 179.0 bbl 15% HCL & 180,750# sand (100 Mesh & 40/70).
Set CBP @ 6612?. Stage 13 - Perf Blinebry @ 6558?-60?, 6462?-64?, 6362?-64? w/ 5 SPF, 45 holes. 08/30/2013 Frac Stage 13 w/ 180.0 bbl 15% HCL & 179,740# sand (100 Mesh & 40/70).
Set CBP @ 6306?. Stage 14 - Perf Blinebry @ 6262?-64?, 6162?-64?, 6062?-64? w/ 5 SPF, 45 holes. Frac w/ 179.0 bbl 15% HCL & 149,480# sand (100 Mesh & 40/70).
09/16/2013 DO plugs @ 6306?, 6612?, 6912?, 7212?, 7506?, 7802?, 8112?, 8412?, 8712?, & 9012?. Start making short trip, slowly try pull out of hole. N2 pump truck trouble.
09/17/2013 Wait on N2 truck, work stuck pipe.
09/18/2013 Coil tbg stuck, unable to work coil tbg loose. Work coil to 7602?.
09/19/2013 Found free coil at 7300?. PU Chem Cutter & cut coil @ 7300?.
09/20/2013 Finish cut on coil & reel up coil. 2nd fish ? oscillator, mud motor, XO & bit. Well SI, waiting on PU to recover fish.
09/26/2013 MIRU Alliance PU & TWS Rev Unit.
09/27/2013 TIH to fish, work to engage fish, TOOH w/ no fish recovered.
09/28/2013 Recovered 331? of total fish. TIH & pump foam.
09/29/2013 RIH w/ workstring. Circ clean, wash & ream. Engaged fish, recovered oscillator, motor, XO & bit.
09/30/2013 Laydown fish, Run tbg, start pumping foam.
10/01/2013 Pump & circulate @ 5350? before TIH thru KOP. Rotate thru tight spot @ 6209?. Wash down to 9297?.
10/02/2013 DO plugs 10-13 @ 9320?, 9612?, & 9912?. Clean out to TD @ 10,262?.
10/03/2013 Finish TOOH.
10/04/2013 RIH w/ 2-7/8? J-55 6.5# tbg. ETD @ 5679?. Submersible Pump @ 5265?. Cavins Desander @ 5355?. SI well. RDMOSU.
11/04/2013 POP.