

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 30 2014

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.
NMLC-029426B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Apache Corporation (873)

3a. Address
303 Veterans Airpark Ln., Ste 3000
Midland, TX 79705

3b. Phone No. (include area code)
(432) 818-1015

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

8. Well Name and No.
Crow Federal #18H (308711)

9. API Well No.
30-015-40992

10. Field and Pool or Exploratory Area
Fren; Glorieta-Yeso (26770)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1805' FSL & 110' FWL UL: L Sec:9 T:17S R:31E

11. County or Parish, State
Eddy, NM

12. CHECK THE 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 checked="" 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 type="checkbox"/> Other
	<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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Accepted for record
LRD NMLC 7-2-14

Apache completed this horizontal well as follows:

12/30/2013 Log TOC @ 120'. Set CBP @ 10,787'. Stage 1 - Perf Upper Blinebry @ 10,680'-10,682', 10,565'-10,567', 10,450'-10,452' w/ 5 SPF, 45 holes. Frac w/ 178.6 bbl 15% HCl & 179,770# sand (100 Mesh & 40/70).
Set CBP @ 10,393'. Stage 2 - Perf Upper Blinebry @ 10,335'-10,337', 10,220'-10,222', 10,098'-10,100' w/ 5 SPF, 45 holes.
12/31/2013 Frac w/ 179 bbl 15% HCl & 182,715# sand (100 Mesh & 40/70).
Set CBP @ 10,048'. Stage 3 - Perf Upper Blinebry @ 9990'-9992', 9875'-9877', w/ 5 SPF, 30 holes. Misfire on last gun. Perf last zone 9760'-9762' w/ 5 SPF, 15 holes. Frac w/ 177.1 bbl 15% HCl & 184,210# sand (100 Mesh & 40/70).
Set CBP @ 9703'. Stage 4 - Perf Upper Blinebry @ 9645'-9647', 9530'-9532', 9415'-9417' w/ 5 SPF, 45 holes. Frac w/ 177 bbl 15% HCl & 179,650# sand (100 Mesh & 40/70).
Set CBP @ 9258'. Stage 5 - Perf Upper Blinebry @ 9300'-9302', 9185'-9187', 9070'-9072' w/ 5 SPF, 45 holes. Frac w/ 178 bbl 15% HCl & 184,005# sand (100 Mesh & 40/70).
Set CBP @ 9013'. Stage 6 - Perf Upper Blinebry @ 8955'-8957', 8840'-8842', 8725'-8727' w/ 5 SPF, 45 holes. Frac w/ 185 bbl 15% HCl & 184,110# sand (100 Mesh & 40/70).
Set CBP @ 8668'. Stage 7 - Perf Upper Blinebry @ 8610'-8612', 8495'-8497', 8380'-8382' w/ 5 SPF, 45 holes. Frac w/ 183 bbl 15% HCl & 179,340# sand (100 Mesh & 40/70).

ACCEPTED FOR RECORD

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Fatima Vasquez

Title Regulatory Analyst II

Signature

Date 05/15/2014

JUN 22 2014

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.

Crow Federal #18H
API #30-015-40992
Apache Corp. (873)

Completion continued.

Set CBP @ 8323'. Stage 8 - Perf Upper Blinebry @ 8265'-8267', 8150'-8152', 8035'-8037' w/
5 SPF, 45 holes.

01/01/2014 Frac Stage 8 w/ 182 bbl 15% HCl & 181,060# sand (100 Mesh & 40/70).

Set CBP @ 7978'. Stage 9 - Perf Upper Blinebry @ 7920'-7922', 7805'-7807', 7690'-7692' w/
5 SPF, 45 holes. Frac w/ 184 bbl 15% HCl & 179,330# sand (100 Mesh & 40/70).

Set CBP @ 7633'. Stage 10 - Perf Upper Blinebry @ 7575'-7577', 7460'-7462', 7345'-7347'
w/ 5 SPF, 45 holes. Frac w/ 182 bbl 15% HCl & 181,980# sand (100 Mesh & 40/70).

Set CBP @ 7300'. Stage 11 - Perf Upper Blinebry @ 7230'-7232', 7115'-7117', 7000'-7002'
w/ 5 SPF, 45 holes. Frac w/ 179 bbl 15% HCl & 179,820# sand (100 Mesh & 40/70).

Set CBP @ 6950'. Stage 12 - Perf Upper Blinebry @ 6885'-6887', 6770'-6772', 6655'-6657'
w/ 5 SPF, 45 holes. Frac w/ 179 bbl 15% HCl & 179,280# sand (100 Mesh & 40/70).

Set CBP @ 6598'. Stage 13 - Perf Upper Blinebry @ 6540'-6542', 6425'-6427', 6310'-6312'
w/ 5 SPF, 45 holes. Frac w/ 175.9 bbl 15% HCl & 179,060# sand (100 Mesh & 40/70).

Set CBP @ 6253'. Stage 14 - Perf Upper Blinebry @ 6195'-6197', 6080'-6082', 5965'-5967'
w/ 5 SPF, 45 holes. Frac w/ 177 bbl 15% HCl & 163,930# sand (100 Mesh & 40/70).

Set CBP @ 5908'. Stage 15 - Perf Upper Blinebry @ 5850'-5852', 5735'-5737', 5620'-5622'
w/ 5 SPF, 45 holes. Frac w/ 178.6 bbl 15% HCl & 193,570# sand (100 Mesh & 40/70).

01/11/2014 DO plugs - #1@ 5908', #2@ 6253', #3@ 6598', #4@ 6950', #5@ 7300', #6@ 7633',
#7@ 7978', & #8@ 8323'.

01/12/2014 DO plugs - #9@ 8668', #10@ 9013', #11@ 9258', #12@ 9703', & #13@ 10,048',
#14@ 10,393', #15@ 10,787'. Circ hole clean to PBTD @ 10,756'. Circ hole clean.

01/22/2014 RIH w/ 2-7/8" J-55 6.5# prod tbg. Submersible @ 5757'. Desander @ 5843'. ETD @ 6173'.

02/06/2014 POP.