

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 23 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029426B

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
APACHE CORPORATION
Contact: SANDRA J BELT
E-Mail: sandra.belt@apachecorp.com

8. Lease Name and Well No.
CROW FEDERAL 26H

3. Address 303 VETERANS AIRPARK LN.
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 432-818-1962

9. API Well No.
30-015-41942

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

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

11. Sec., T., R., M., or Block and Survey,
or Area Sec 10 T17S R31E Mer

12. County or Parish
EDDY
13. State
NM

At surface SENE 1650FSL 330FEL 32.851740 N Lat, 103.849470 W Lon

17. Elevations (DF, KB, RT, GL)*
3941 GL

At top prod interval reported below SWNW 1643FNL 332FWL

At total depth SENE 1650FSL 330FEL 32.851740 N Lat, 103.849470 W Lon

14. Date Spudded
03/29/2014

15. Date T.D. Reached
04/12/2014

16. Date Completed
☐ D & A ☒ Ready to Prod.
06/11/2014

18. Total Depth: MD
TVD 10251
5799

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNGR/CCL; MWD GAMMA

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0		702		760	181	0	
11.000	8.625 H-40	32.0		3502		1210	364	0	
7.875	5.500 L-80	17.0		10251		1640	474	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5303							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	6073	9900	6073 TO 9900	0.400	40	PRODUCING
B) PADDOCK	9962	10180	9962 TO 10180	0.400	520	PRODUCING
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

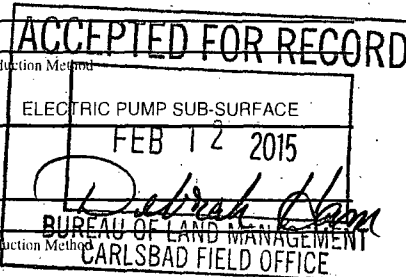
Depth Interval	Amount and Type of Material
6073 TO 10180	2,478 BBLs. ACID; 2,539,360 LBS. TOTAL PROPPANT; 61,290 BBLs. FLUID.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/02/2014	08/27/2014	24	→	586.0	226.0	2185.0	38.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	586	226	2185	386	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						



(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #286457 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation

Due: 2/27/15

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	598	747	SANDSTONE/ANHYDRITE	RUSTLER	598
TANSIL SALT	747	1804	SALT	TANSIL SALT	747
BOTTOM SALT	1804	1939	SALT	BOTTOM SALT	1804
YATES	1939	2225	SANDSTONE/ANHYDRITE	YATES	1939
SEVEN RIVERS	2225	2852	SANDSTONE & CARBONATE O/G/W	SEVEN RIVERS	2225
QUEEN	2852	3265	SANDSTONE & CARBONATE O/G/W	QUEEN	2852
GRAYBURG	3265	3608	CARBONATE O/G/W	GRAYBURG	3265
SAN ANDRES	3608	5074	CARBONATE O/G/W	SAN ANDRES	3608

32. Additional remarks (include plugging procedure):

Item 51 Continued: Glorieta 5074 5167 Sandstone O/G/W
Paddock 5167 5755 Dolomite O/G/W
Blinebry 5755 N/A Dolomite O/G/W

Item 52 Continued: Glorieta 5074
Paddock 5167
Blinebry 5755

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #286457 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(please print) SANDRA J BELT

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/30/2014

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Additional data for transaction #286457 that would not fit on the form

32. Additional remarks, continued

Attached: OCD form C102, C104, Survey and Hydraulic Fracturing Disclosure.