

NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 21 2015

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM034696

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: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

8. Lease Name and Well No.
HUMMINGBIRD FEDERAL COM 2H

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

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

9. API Well No.
30-015-42632

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

At surface NWSW 1750FSL 100FWL

At top prod interval reported below NWSW Lot I 1755FSL 331FEL

At total depth NWSW Lot I Tract 17S 31EFSL 331FEL

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

11. Sec., T., R., M., or Block and Survey
or Area Sec 1 T17S R31E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
04/10/2015

15. Date T.D. Reached
04/22/2015

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/23/2015

17. Elevations (DF, KB, RT, GL)*
4003 GL

18. Total Depth: MD 10607
TVD

19. Plug Back T.D.: MD 10607
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNGR,SBGRCL

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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	800		700			
12.250	9.625 J55	40.0	0	3750		1450			
8.500	7.000 L80	29.0	0	5432		600			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5718							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5879		3500 TO 6430			OPEN HOLE-ISOLATED/ NON-FR.
B)			6430 TO 10580			OPEN HOLE -FRAC-PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
6430 TO 10580	TOTAL ACID BBL 2722, TOTAL SAND #2,908,752

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
08/03/2015	08/08/2015	24	→	602.0	659.0	1618.0	37.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1095	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #313158 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RD
9/2/15

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	740	899	ANHYDRITE, DOLOMITE W	RUSTLER	740
SALADO	899	1933	ANHYDRITE, DOLOMITE W	SALADOA	899
TANSIL	1933	2101	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1933
YATES	2101	2392	SANDSTONE	YATES	2101
SEVEN RIVERS	2392	3016	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	2392
QUEEN	3016	3440	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	3016
GRAYBURG	3440	3729	DOLOMITE, LIMESTONE, SS O/G/W	GRAYBURG	3440
SAN ANDRES	3729	5222	DOLOMITE, LIMESTONE, SS O/G/W	SAN ANDRES	3729

32. Additional remarks (include plugging procedure):

GLORIETA 5222 5284 SANDSTONE O/G/W
PADDOCK 5284 5879 DOLOMITE O/G/W
BLINEBRY 5879 TD DOLOMITE, SANDSTONE O/G/W

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 #313158 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/19/2015

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 ****