

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NM 134086

8. Lease Name and Well No.
CROW FEDERAL 40H

9. API Well No.
30-015-42762

10. Field and Pool, or Exploratory
FREN;GLORIETA-YESO(26770)

11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T17S R31E Mer

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3939 GL

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

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
APACHE CORPORATION

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

3. Address 303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79707

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 3 T17S R31E Mer
NWSW 2208FSL 10FWL
At top prod interval reported below Sec 4 T17S R31E Mer
NWSW Lot L 2178FSL 331.FWL
At total depth Sec 4 T17S R31E Mer
NWSW Lot L 2178FSL 331FWL

14. Date Spudded
03/13/2015

15. Date T.D. Reached
03/24/2015

16. Date Completed
 D & A Ready to Prod.
06/19/2015

18. Total Depth: MD 9989
TVD

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)
GR-CNL-CBL-MWD GAMMA

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	608		710			
12.250	9.625 J55	40.0	0	3500		1410			
7.875	5.500 L80	20.0	0	9967		865			

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	4720							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	4996		3500 TO 5620			OPEN HOLE ISOLATED-NON FR
B)			5620 TO 9989			OPEN HOLE PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
5620 TO 9989	2843 BBL ACID & 3,166,531 #SAND

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
06/19/2015	07/06/2015	24	▶	290.0	199.0	1932.0	37.0	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	SI		▶				686	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
			▶					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	SI		▶					

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

OCT 19 2015

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #309694 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED

Reclamation
Date: 1/6/16

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT 27 2015

RECEIVED

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	565	711	ANHYDRITE, DOLOMITE W	RUSTLER	565
SALADO	711	1766	ANHYDRITE, DOLOMITE W	SALADO	711
TANSIL	1766	1899	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1766
YATES	1899	2180	SANDSTONE O/G/W	YATES	1899
SEVEN RIVERS	2180	2794	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	2180
QUEEN	2794	3208	SS, DOLO, LIMESTONE O/G/W	QUEEN	2794
GRAYBURG	3208	3534	DOLO, SS, LIMESTONE O/G/W	GRAYBURG	3208
SAN ANDRES	3534	4996	DOLO, SS, LIMESTONE O/G/W	SAN ANDRES	3534

32. Additional remarks (include plugging procedure):
 GLORIETA 4996 - 5067 SANDSTONE O/G/W
 PADDOCK 5067 - TD DOLOMITE O/G/W
 BLINEBRY DOLOMITE O/G/W
 TUBB 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 #309694 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad .
 Committed to AFMSS for processing by DEBORAH HAM on 10/08/2015 ()

Name (please print) EMILY FOLLIS Title REGULATORY ANALYST
 Signature (Electronic Submission) Date 07/20/2015

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 **