

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 5 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND RECEIVED

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

8. Lease Name and Well No.  
CROW FEDERAL 42H

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.  
30-015-42744

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

At surface NWSW 2273FSL 10FWL  
Sec 3 T17S R31E Mer

At top prod interval reported below  
Sec 4 T17S R31E Mer

At total depth NWSW 2250FSL 333FWL

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

14. Date Spudded  
02/08/2015

15. Date T.D. Reached  
02/23/2015

16. Date Completed  
 D & A  Ready to Prod.  
02/24/2015

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

18. Total Depth: MD 10387  
TVD

19. Plug Back T.D.: MD 10387  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CNL,CBL,GR,PHONEIX

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	650		710			
12.250	9.625 J55	40.0	0	3500		1410			
7.875	7.000 L80	29.0	0	5242		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	5477							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINBERY	5461					
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6012 TO 10387	TOTAL SAND 2,961,926#, TOTAL ACID 2,685 BBL

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
06/23/2015	07/19/2015	24	→	293.0	242.0	1491.0	826.0		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	
	SI		→					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	
	SI		→						

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

ELECTRONIC SUBMISSION #310946 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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 - WATER	RUSTLER	565
SALADO	711	1766	ANHYDRITE, DOLOMITE - WATER	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/LIMESTONE/SS O/G/W	GRAYBURG	3208
SAN ANDRES	3534	5001	DOLO/LIMESTONE/SS O/G/W	SAN ANDRES	3534

32. Additional remarks (include plugging procedure):

GLORIETA 5001 - 5064 SANDSTONE O/G/W  
 PADDOCK 5064 - 5461 DOLOMITE O/G/W  
 BLINEBRY 5461 - DOLOMITE O/G/W  
 TUBB SANDSTONE

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 #310946 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 07/30/2015

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.