

**NM OIL CONSERVATION**

ARTESIA DISTRICT  
**OCD Artesia**

**FEB 23 2015**

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOGS**

5. Lease Serial No. NMLC029426B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. CROW FEDERAL 25H

9. API Well No. 30-015-41944

10. Field and Pool, or Exploratory FREN:GLORIETA-YESO<26770>

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

12. County or Parish EDDY COUNTY

13. State NM

14. Date Spudded 03/16/2014

15. Date T.D. Reached 03/29/2014

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

17. Elevations (DF, KB, RT, GL)\* 3940 GL

18. Total Depth: MD 9788 TVD

19. Plug Back T.D.: MD 9320 TVD

20. Depth Bridge Plug Set: MD TVD

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

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 H-40	48.0	0	725		760		0	
11.000	8.625 J-55	32.0	0	3500		1180		0	
7.875	5.500 L-80	17.0	0	9787		1610			

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		4427						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5800	9740	5800 TO 9740		560	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5800 TO 9740	

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
06/11/2014	08/26/2014	24	→	587.0	481.0	1882.0	36.0	

Choke Size: SI

Tbg. Press. Flwg. SI

Csg. Press.

24 Hr. Rate: →

Oil BBL

Gas MCF

Water BBL

Gas:Oil Ratio: 819

Well Status: 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: SI

Tbg. Press. Flwg. SI

Csg. Press.

24 Hr. Rate: →

Oil BBL

Gas MCF

Water BBL

Gas:Oil Ratio

Well Status

**ACCEPTED FOR RECORD**

ELECTRIC PUMPING UNIT

**FEB 12 2015**

*Deborah Nam*

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #285736 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*Reclamation*  
*Due: 2/26/15*

*please submit frac/acidize summary*

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
QUEEN	2852	3608	SILSTONE, SANDSTONE, ANHYDRITE	QUEEN	2852
SAN ANDRES	3608	5074	DOLOMITE, CHERT	SAN ANDRES	3608
PADDOCK	5074	5167	DOLOMITE	PADDOCK	5074

32. Additional remarks (include plugging procedure):

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 #285736 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) EMILY FOLLIS Title REGULATORY

Signature (Electronic Submission) Date 12/18/2014 

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.