

# NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 26 2014

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM0557371

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator APACHE CORPORATION			8. Lease Name and Well No. AAO FEDERAL 15		
Contact: PAIGE FUTRELL E-Mail: paige.futrell@apachecorp.com					
3. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705			9. API Well No. 30-015-42025		
3a. Phone No. (include area code) Ph: 432-818-1893					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 1130FNL 2408FEL 32.780180 N Lat, 104.231428 W Lon At top prod interval reported below NWNE 1130FNL 2408FEL 32.780180 N Lat, 104.231428 W Lon At total depth NWNE 1130FNL 2408FEL 32.780180 N Lat, 104.231428 W Lon			10. Field and Pool, or Exploratory RED LAKE, GLORIETA-YESO NM		
			11. Sec., T., R., M., or Block and Survey or Area Sec 1 T18S R27E Mer		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 03/15/2014		15. Date T.D. Reached 03/19/2014	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/16/2014		17. Elevations (DF, KB, RT, GL)* 3627 GL
18. Total Depth: MD TVD 4584		19. Plug Back T.D.: MD TVD 4540		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BCS, HOS, NGR, HIGH RES LA, COMP. NL, CALIPER				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0		370		530		0	
7.875	5.500 J-55	17.0		4584		910		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)
2.875	4392							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA/YESO	3376	4350	3376 TO 4350	1.000	32	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3376 TO 4350	300,037# SAND, 3192 GAL GEL, 239,022 GAL 20#

### 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
09/16/2014	09/21/2014	24	→	73.0	104.0	322.0	38.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. St	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1425	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. St	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 #265710 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*(Handwritten signature)*

## 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
YATES	260	504	SHALE, SS*, ANHYDRITE/WATER	YATES	260
SEVEN RIVERS	504	1073	SHALE, SS*, ANHYDRITE, DOL*/O, G, W	SEVEN RIVERS	504
GRAYBURG	1534	1877	DOL*, SS*, SANDSTONE/O, G, W*	GRAYBURG	1534
SAN ANDRES	1877	3353	DOLOMITE, CHERT/O, G, W*	SAN ANDRES	1877
GLORIETA	3353	3378	DOLOMITE, SANDSTONE/O, G, W*	GLORIETA	3353
YESO	3378	3447	DOLOMITE/O, G, W*	YESO	3378
PADDOCK	3447	3893	DOLOMITE/O, G, W*	PADDOCK	3447
BLINEBRY	3893		DOL*, SS*, SANDSTONE/O, G, W*	BLINEBRY	3893

## 32. Additional remarks (include plugging procedure):

Formation tops continued:

Water table-water formation above Yates-Not logged.  
There is not a base salt.  
Queen T-1073' B-1534' Siltstone, sandstone, anhydrite/Water  
Blinbery-Didn't drill deep enough for a bottom depth.

## 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 #265710 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) PAIGE FUTRELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/24/2014

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.

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**Additional data for transaction #265710 that would not fit on the form**

**32. Additional remarks, continued**

SS\*: Siltstone

Dol\*: Dolomite

O,G,W\*: Oil, Gas, Water

Attachments- Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 09/15/2014.