

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

RECEIVED

JAN 23 2014

NMOCD ARTE

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.

NMLC029435A

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 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. RAVEN FEDERAL (39330) 1	
Contact: FATIMA VASQUEZ E-Mail: fatima.vasquez@apachecorp.com			
3. Address 303 VETERANS AIRPARK LANE STE 3000 MIDLAND, TX 79705		9. API Well No. 30-015-40465	
3a. Phone No. (include area code) Ph: 432-818-1015			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot 3 2190FSL 990FWL At top prod interval reported below Lot 3 2190FSL 990FWL At total depth Lot 3 2190FSL 990FWL		10. Field and Pool, or Exploratory CEDAR LAKE; GL-Y (96831)	
		11. Sec., T., R., M., or Block and Survey or Area Sec 7 T17S R31E Mer	
		12. County or Parish EDDY	
		13. State NM	
14. Date Spudded 10/03/2012		15. Date T.D. Reached 10/19/2012	
		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/25/2013	
17. Elevations (DF, KB, RT, GL)* 3715 GL			
18. Total Depth: MD TVD 6416		19. Plug Back T.D.: MD TVD 6380	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was 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 checked="" type="checkbox"/> No <input 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0		375		520		0	
11.000	8.625 J-55	32.0		3505		1640		0	
7.875	5.500 J-55	17.0		6414		1170		500	

## 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	6085							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4633		4655 TO 5230	1.000	29	PRODUCING
B) BLINEBRY	5124		5320 TO 5810	1.000	26	PRODUCING
C)			5880 TO 5980	1.000	21	PRODUCING
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
4655 TO 5230	173,796 GALS 20#, 210,760# SAND, 3500 GALS ACID, 4536 GALS GEL
5320 TO 5810	162,288 GALS 20#, 200,699# SAND, 5977 GALS ACID, 4200 GALS GEL
5880 TO 5980	107,856 GALS 20#, 137,760# SAND, 3486 GALS ACID

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/25/2013	11/23/2013	24	→	117.0	176.0	241.0	38.6		ELECTRIC-PUMPING-UNIT
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1504	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
			→						JAN 18 2014
Choke Size	Thg. 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 #228210 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICERECLAMATION  
DUE 6-15-14

## 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	1467
				SEVEN RIVERS	1745
				GRAYBURG	2751
				GLORIETA	4535
				PADDOCK	4633
				YESO	4633
				BLINEBRY	5124
				TUBB	6029

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

Attached are OCD forms C-104 & C-144CLEZ, Frac Disclosure.

## 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 #228210 Verified by the BLM Well Information System.  
For APACHE CORPORATION, sent to the Carlsbad

Name (please print) FATIMA VASQUEZ

Title REGULATORY TECH II

Signature (Electronic Submission)

Date 11/27/2013

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 \*\***