

NM OIL CONSERVATION

ARTESIA DISTRICT

MAR 26 2015

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

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029395B

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 Contact: FATIMA VASQUEZ E-Mail: fatima.vasquez@apachecorp.com		8. Lease Name and Well No. LEE FEDERAL 68
3. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705		9. API Well No. 30-015-42188
3a. Phone No. (include area code) Ph: 432-818-1015		10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T17S R31E Mer At surface SENE 2120FNL 370FEL 32.821479 N Lat, 103.884532 W Lon At top prod interval reported below Sec 20 T17S R31E Mer At total depth SENE 2314FNL 327FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 20 T17S R31E Mer
14. Date Spudded 10/18/2014		12. County or Parish EDDY
15. Date T.D. Reached 10/26/2014		13. State NM
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/26/2015		17. Elevations (DF, KB, RT, GL)* 3727 GL

18. Total Depth: MD 6411 TVD	19. Plug Back T.D.: MD 6375 TVD	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN/CAL/HI-RES LL/BHCS		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		330		385		0	
11.000	8.625 J-55	32.0		3500		1450		0	
7.875	5.500 J-55	17.0		6411		990		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	6340							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	4676		4678 TO 5150	1.000	27	PRODUCING
B) PADDOCK	4737		5210 TO 5730	1.000	27	PRODUCING
C) BLINEBRY	5208		5868 TO 6312	1.000	25	PRODUCING
D) TUBB	6298					

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

Depth Interval	Amount and Type of Material
4678 TO 5150	22,890 GALS 15# PAD, 158,172 GALS 15# GEL, 229,322# SAND, 3948 GALS ACID, 4704 GALS FLUSH
5210 TO 5730	22,428 GALS 15# PAD, 153,048 GALS 15# GEL, 222,542# SAND, 4494 GALS ACID, 4116 GALS FLUSH
5868 TO 6312	20,034 GALS 15# PAD, 138,264 GALS 15# GEL, 202,769# SAND, 4837 GALS ACID, 4704 GALS FLUSH

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
01/26/2015	03/19/2015	24	▶	68.0	167.0	199.0	37.0		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶				2456	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	
			▶						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #295696 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	285	465	SS/ANHYDRITE - N/A	RUSTLER	285
YATES	1501	1821	SANDSTONE - N/A	YATES	1501
SEVEN RIVERS	1821	2419	SS/CARBONATE - OIL, GAS & WATER	SEVEN RIVERS	1821
SAN ANDRES	3144	4676	CARBONATE - OIL, GAS & WATER	SAN ANDRES	3144
GLORIETA	4676	4737	SANDSTONE - OIL, GAS & WATER	GLORIETA	4676
PADDOCK	4737	5208	DOLOMITE - OIL, GAS & WATER	PADDOCK	4737
BLINEBRY	5208	6298	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5208
TUBB	6298		SANDSTONE - OIL, GAS & WATER	TUBB	6298

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 03/11/2015.

Tansil salt - Salt - N/A - 465'-1178'
 Bottom salt - Salt - N/A - 1178'-1501'
 Queen - Sandstone/Carbonate - Oil, Gas & Water - 2419'-3144'.
 Tubb - didn't drill far enough to get bottom depth of Blinebry.

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 #295696 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad**

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature _____ (Electronic Submission) Date 03/21/2015

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.