

NM OIL CONSERVATION

ARTESIA DISTRICT

OCD Artesia
AUG 3 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 LOG

RECEIVED

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator **APACHE CORPORATION** Contact: **FATIMA VASQUEZ**
E-Mail: **fatima.vasquez@apachecorp.com**

3. Address **303 VETERANS AIRPARK LN MIDLAND, TX 79705** 3a. Phone No. (include area code) **432-818-1015**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **SESE 330FSL 860FEL 32.828183 N Lat, 103.903355 W Lon**
At top prod interval reported below **SESE 330FSL 860FEL 32.828183 N Lat, 103.903355 W Lon**
At total depth **SESE 330FSL 860FEL 32.828183 N Lat, 103.903355 W Lon**

5. Lease Serial No. **NMLC029395A**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No. **TONY FEDERAL (308738) 41**

9. API Well No. **30-015-41320**

10. Field and Pool, or Exploratory **CEDAR LAKE; GLORIETA-YESO**

11. Sec., T., R., M., or Block and Survey or Area **Sec 18 T17S R31E Mer**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **11/10/2014** 15. Date T.D. Reached **11/18/2014** 16. Date Completed D & A Ready to Prod.
02/06/2015

17. Elevations (DF, KB, RT, GL)* **3683 GL**

18. Total Depth: **MD 6500 TVD** 19. Plug Back T.D.: **MD 6450 TVD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN/HI-RES LL/HNGR/BHCS-SGR/CAL/SBGR

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		363		375		0	
11.000	8.625 J-55	32.0		3514		1450		0	
7.875	5.500 J-55	17.0		6500		1125		90	

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	6404							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA	4539	4584	4555 TO 5252	1.000	36	PRODUCING
B) PADDOCK	4584	5340	5320 TO 5733	1.000	24	PRODUCING
C) BLINEBRY	5340	6111	5780 TO 6267	1.000	24	PRODUCING
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4555 TO 5252	179,800 GALS 20# XL, 209,300# SAND, 4578 GALS ACID, 11,661 GALS LINEAR GEL
5320 TO 5733	158,919 GALS 20# XL, 202,600# SAND, 3558 GALS ACID, 10,044 GALS LINEAR GEL
5780 TO 6267	180,329 GALS 20# XL, 227,300# SAND, 4660 GALS ACID, 4383 GALS LINEAR GEL

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
02/06/2015	04/20/2015	24	→	60.0	291.0	101.0	37.0	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→				4850	POW

ACCEPTED FOR RECORD

ELECTRIC PUMPING UNIT

JUL 28 2015

[Signature]

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	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 #302304 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation
Date: 10/20/15

AB

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		427	ANHDRITE/DOLOMITE - WATER	RUSTLER	
YATES	1432	1721	SANDSTONE - OIL, GAS & WATER	YATES	1432
SEVEN RIVERS	1721	2334	SS/DOLOMITE/LIMESTONE - O,G,&W	SEVEN RIVERS	1721
SAN ANDRES	3072	4539	DOLOMITE/LIMESTONE/SS - O,G,&W	SAN ANDRES	3072
GLORIETA	4539	4584	SANDSTONE - OIL, GAS & WATER	GLORIETA	4539
PADDOCK	4584	5340	DOLOMITE - OIL, GAS & WATER	PADDOCK	4584
BLINEBRY	5340	6111	DOLOMITE - OIL, GAS & WATER	BLINEBRY	5340
TUBB	6111		SANDSTONE - OIL, GAS & WATER	TUBB	6111

32. Additional remarks (include plugging procedure):

Attachments - Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 05/12/2015.

Salado 427'-1299' Anhydrite/Dolomite - Water
 Tansil 1299'-1432' Anhydrite/Salt/Dolomite/SS - Oil, Gas & Water
 Queen 2334'-2706' SS /Dolomite/Limestone - Oil, Gas & Water
 Grayburg 2706'-3072' SS /Dolomite/Limestone - Oil, Gas & Water
 Tubb - didn't drill far enough to get bottom depth of Tubb.

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 #302304 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 06/15/2015 ()

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST II

Signature (Electronic Submission) Date 05/20/2015

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.

** ORIGINAL **

Additional data for transaction #302304 that would not fit on the form

32. Additional remarks, continued

**SS-Sandstone

**O,G,& W - Oil, Gas & Water