

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Apache Corporation 303 Veterans Airpark Lane Suite 3000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NW / 02/06/2015
⁴ API Number 30-015-41320	⁵ Pool Name Cedar Lake; Glorieta-Yeso	⁶ Pool Code 96831
⁷ Property Code 308738	⁸ Property Name Tony Federal	⁹ Well Number 041

II. ¹⁰Surface Location

UL or lot no. P	Section 18	Township 17S	Range 31E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 860	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 02/06/2015	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Plains Marketing LP PO Box 4648 Houston TX 77210-4648	O
NM OIL CONSERVATION ARTESIA DISTRICT MAY 26 2015 RECEIVED		

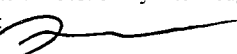
IV. Well Completion Data

²¹ Spud Date 11/10/2014	²² Ready Date 02/06/2015	²³ TD 6500'	²⁴ PBTD 6450'	²⁵ Perforations 4555'-6267'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	363'	375 sx Class C		
11"	8-5/8"	3514'	1450 sx Class C		
7-7/8"	5-1/2"	6500'	1125 sx Class C		
Tubing	2-7/8"	6404'			

V. Well Test Data

³¹ Date New Oil 02/06/2015	³² Gas Delivery Date 02/06/2015	³³ Test Date 04/20/2015	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 60	³⁹ Water 101	⁴⁰ Gas 291		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
Fatima Vasquez

Title:
Regulatory Analyst II

E-mail Address:
Fatima.Vasquez@apachecorp.com

Date:
05/18/2015

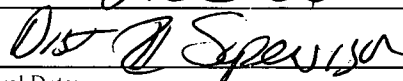
Phone:
(432) 818-1015

OIL CONSERVATION DIVISION

Approved by:



Title:



Approval Date:

5-29-15

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMLC029395A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
TONY FEDERAL 419. API Well No.
30-015-4132010. Field and Pool, or Exploratory
CEDAR LAKE; GLORIETA-YESO

11. County or Parish, and State

EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATIONContact: FATIMA VASQUEZ
E-Mail: fatima.vasquez@apachecorp.com3a. Address
303 VETERANS AIRPARK LN
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-1015

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 18 T17S R31E SESE 330FSL 860FEL
32.828183 N Lat, 103.903355 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Apache completed this well as follows:

12/15/2014 MIRUSU. Log TOC @ 90' (CBL).

Stage I - Perf Blinebry/Tubb @ 5780'-6267' w/ 1 SPF, 24 holes.

12/16/2014 Spot 449 gals acid. Acidize w/ 3314 gals 15% HCl NEFE acid.

01/05/2015 Frac Blinebry/Tubb w/ 180,329 gals 20# XL, 227,300# 16/30 sand, & 4383 gals 10# linear gel. Spot 897 gals 15% HCl.

Stage II - Set CBP @ 5770'. Perf Paddock/Upper Blinebry @ 5320'-5733' w/ 1 SPF, 24 holes. Pump 2424 gals 15% HCl acid. Frac Paddock/Upper Blinebry w/ 158,919 gals 20# XL, 202,600# 16/30 sand & 10,044 gals 10# linear gel. Spot 1134 gals 15% HCl acid.

Stage III - Set CBP @ 5295'. Perf Glorieta/Paddock @ 4555'-5252' w/ 1 SPF, 36 holes. Pump 3444 gals 15% HCl acid.

NM OIL CONSERVATION
ARTESIA DISTRICT

MAY 26 2015

RECEIVED

Accepted for record 6/2/15
NM OGD

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #302298 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad

Name (Printed/Typed) FATIMA VASQUEZ

Title REGULATORY ANALYST II

Signature (Electronic Submission)

Date 05/20/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

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.

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

Additional data for EC transaction #302298 that would not fit on the form

32. Additional remarks, continued

01/06/2015 Frac Glorieta/Paddock w/ 179,800 gals 20# XL, 209,300# 16/30 sand & 11,661 gals 10# linear gel. Spot 1134 gals 15% HCl acid.
01/20/2015 ND frac valve & spool. NU Prod sppol & BOP.
01/21/2015 RU foam/nitro units. SD for repairs.
01/22/2015 Windy weather - stand by.
01/23/2015 DO CBP @ 5295'. Unable to regain circ.
01/26/2015 RU 2nd Omni foam/nitro unit. DO CBP @ 5770'. Circ hole clean to PBTD @ 6450'.
01/27/2015 RIH w/ 2-7/8" J-55 6.5# prod tbg. SN @ 6314'. ETD @ 6404'.
02/06/2015 Set 640 pumping unit. POP.

NM OIL CONSERVATION

ARTESIA DISTRICT

MAY 26 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

5. Lease Serial No.
NMLC029395A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

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.
TONY FEDERAL (308738) 41

3. Address 303 VETERANS AIRPARK LN
MIDLAND, TX 79705

3a. Phone No. (include area code)
Ph: 432-818-1015

9. API Well No.
30-015-41320

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

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
TVD 6500

19. Plug Back T.D.: MD
TVD 6450

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 Sks. & 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

26. Perforation Record

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)						

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	Production Method
02/06/2015	04/20/2015	24	→	60.0	291.0	101.0	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	
			→				4850	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 #302304 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		427	ANHYDRITE/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

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 ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** 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