

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 1000 Midland TX 79705		² OGRID Number 873
		³ Reason for Filing Code/ Effective Date NM/ 05/30/2014
⁴ API Number 30-015-40389	⁵ Pool Name CEDAR LAKE; GLORIETA-YESO	⁶ Pool Code 96831
⁷ Property Code 308738	⁸ Property Name TONY FEDERAL	⁹ Well Number 044

II. ¹⁰Surface Location

UL or lot no. O	Section 18	Township 17S	Range 31E	Lot Idn	Feet from the 370	North/South Line SOUTH	Feet from the 2350	East/West line EAST	County EDDY
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¹¹Bottom 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 05/30/2014	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

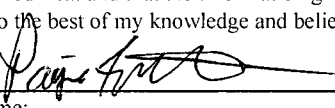
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
NM OIL CONSERVATION ARTESIA DISTRICT OCT 10 2014 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 04/15/2014	²² Ready Date 05/30/2014	²³ TD 6412'	²⁴ PBTD 6360'	²⁵ Perforations 4540'-6260'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	385'	450 sx Class C		
11	8.625	3514'	1450 sx Class C		
7.875	5.5	3412'	935 sx Class C		
Tubing	2.875	6337'			

V. Well Test Data

³¹ Date New Oil 05/30/2014	³² Gas Delivery Date 05/30/2014	³³ Test Date 08/01/2014	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 75	³⁹ Water 163	⁴⁰ Gas 220		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: 

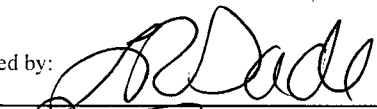
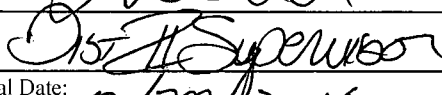
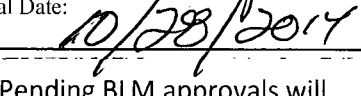
Printed name:
Paige Futrell

Title:
Regulatory Analyst I

E-mail Address:
Paige.Futrell@apachecorp.com

Date:
10/06/2014

Phone:
432-818-1893

OIL CONSERVATION DIVISION	
Approved by: 	
Title: 	
Approval Date: 	
Pending BLM approvals will subsequently be reviewed and scanned	

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
TONY FEDERAL 442. Name of Operator
APACHE CORPORATIONContact: PAIGE FUTRELL
E-Mail: paige.futrell@apachecorp.com9. API Well No.
30-015-403893a. Address
303 VETERANS AIRPARK LN
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 432-818-189310. Field and Pool, or Exploratory
CEDAR LAKE, GLORIETA-YESO

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

Sec 18 T17S R31E SWSE 370FSL 2350FEL
32.828286 N Lat, 103.908230 W Lon11. County or Parish, and State
EDDY COUNTY, NM**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplete 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 recompletion 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 the well, as followed: (RR 04/24/2014)

05/01/2014: Run log(CBL). Perf lower Blinbry/Tubb zone @ 5812,30,60,76,5914, 34,57,74,90,6022,54,78,6116,42,60,78,98,6216,34&60.W/1SPF 20 holes.
05/06/2014: RIH w/pkr on 2-7/8" J-55 TBG to 6274'. Circ hole clean. Spot 449 gals 15% acid across perms. Move & set PKR @5723'. Acidize Blinbry from 5812-6260 w/3402 gals of 15% HCL nefe acid.
05/14/2014: Frac lower Blinbry/Tubb zone @5812,30,60,76,5914,34,57,74,90,6022, 54,78,6116,42,60,78,98,6216,34&60. W/1 SPF 20 holes. Pump 133,625# 16/30 brown,41,951# 16/30 Siber prop. Spot 1260 gal 15% HCL.
Stage 2. RIH w/5-1/2 CBP & set @5780. Per Blinbry@5074,94,5118, 33,50,70,84,5220,44,68,95,5320,37,58,76,98,5417,35,76,5504,27,64,

NM OIL CONSERVATION
ARTESIA DISTRICT
OCT 10 2014Accepted for record
RECEIVED
10/28/2014

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

Electronic Submission #268694 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad

Name (Printed/Typed) PAIGE FUTRELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/06/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

Pending BLM approvals will
subsequently be reviewed
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

any department or agency of the United

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

Additional data for EC transaction #268694 that would not fit on the form

32. Additional remarks, continued

97,5619,47,81&5718. @ 1 SPF 27 holes. Stage 2 acid job: Pump 3822 gal 15% HCL. Frac Blinebry @ 5074,94,5118,33,50,70,84,5220,44,68,95,5320,37,58,76,98,5417,35,76,5504,27,64,97,5619,47,81&5718. Pump 205,583# 16/30 Brown, 46,210# 16/30 Siber prop. Spot 924 gal 15% HCL. Stage 3: Set CBP @5050 perf Paddock/glorieta @ 4540,56,72,88,4601,28,65,73,90,4708,33,50,70,88,4801,14,33,51,78,98,4916,31,47,62,78,92&5012 @ 1 SPF 27 holes. Break down pers @ 2346, Pump 4998 gal 15% HCL. Frac Paddock/Glorieta @ 4540,56,72,88,4601,28,65,73,90,4708,33,50,70,88,4801,14,33,51,78,98,4916,31,47,62,78,92&5012. Pump 165,191# 16/30 Brown, 24,332# 16/30 Siber Prop.
05/19/2014: ND goathead, frac valve & frac spool. NU prod spool & BOP.
05/20/2014: Tag CBP @5780' DO CBP. CO to PBTD @ 6360'.
05/21/2014: RIH w/ J-55 6.5# prod tbg, ETD @6337' SN@ 6247'.
05/22/2014: RIH w/ pump & rods. Clean location. Prep to set PU @ later date.
06/01/2014: Set Ampscot 640 PU. Install elec. Start prod to Tony Fed. Batt.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 10 2014

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			RECEIVED		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator APACHE CORPORATION			Contact: PAIGE FUTRELL E-Mail: paige.futrell@apachecorp.com		
3. Address 303 VETERANS AIRPARK LN MIDLAND, TX 79705			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 SWSE 370FSL 2350FEL 32.828286 N Lat, 103.908230 W Lon At top prod interval reported below SWSE 370FSL 2350FEL 32.828286 N Lat, 103.908230 W Lon At total depth SWSE 370FSL 2350FEL 32.828286 N Lat, 103.908230 W Lon			8. Lease Name and Well No. TONY FEDERAL 44		
14. Date Spudded 04/15/2014			15. Date T.D. Reached 04/23/2014		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/30/2014			9. API Well No. 30-015-40389		
18. Total Depth: MD TVD 6412			19. Plug Back T.D.: MD TVD 6360		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) HNCR, HI-RES LL, BHCS, CN, CAL			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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	385			450		0	
11.000	8.625 J-55	32.0	3514			1450		0	
7.875	5.500 J-55	17.0	6412			935		0	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6337							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA-YESO	4540	6260	4540 TO 6260	1.000	74	PRODUCING
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
4540 TO 6260	14,855 GAL ACID, 616,892# SAND, 14,364 GAL 10# GEL, 361,224 GAL 20#.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/30/2014	08/01/2014	24	→	75.0	220.0	163.0	38.0		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	
			→				2933		

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 S
			→					

Pending BLM approvals will
subsequently be reviewed
and scanned

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #269296 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.)
CAPTURED

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
SEVEN RIVERS	1767	2373	DOL*, ANHYDRITE/ GAS	SEVEN RIVERS	1767
QUEEN	2373	2720	DOL*, SS*/ GAS	QUEEN	2373
GRAYBURG	2720	3080	DOL*, SS*/ GAS, WATER	GRAYBURG	2720
SAN ANDRES	3080	4587	CARBONATE/ OIL, GAS, WATER	SAN ANDRES	3080
GLORIETA	4587	4646	SS*/ OIL, GAS, WATER	GLORIETA	4587
PADDOCK	4646	5151	DOLOMITE/ OIL, GAS, WATER	PADDOCK	4646
BLINEBRY	5151	6137	DOLOMITE/ OIL, GAS, WATER	BLINEBRY	5151
TUBB	6137		SS*/ OIL, GAS, WATER	TUBB	6137

32. Additional remarks (include plugging procedure):

Formation tops continued:

Rustler- 288'-528' Sandstone, Anhydrite/NA
 Rustler Salt- 536'-1426' Sandstone, Anhydrite/NA
 Yates-1483'-1683' Sandstone/NA
 Tubb-Didn't drill deep enough for a bottom depth.

for

33. Circle enclosed attachments:

- Electrical/Mechanical Logs (1 full set req'd.)
- Geologic Report
- DST Report
- Directional Survey
- Sundry Notice for plugging and cement verification
- Core Analysis
- 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 #269296 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 10/08/2014

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.

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

Additional data for transaction #269296 that would not fit on the form

32. Additional remarks, continued

SS*: Siltstone
Dol*: Dolomite

Attachments- Frac Disclosure, OCD Forms C-102 & C-104. Logs mailed 07/09/2014.