

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 **NM OIL CONSERVATION** Form C-104
Energy, Minerals & Natural Resources **ARTESIA DISTRICT** Revised August 1, 2011
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
Submitting copy to appropriate District Office
☐ AMENDED REPORT

SER 02-2016

RECEIVED

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 NW /08/18/16
⁴ API Number 30-015-43469	⁵ Pool Name CEDAR LAKE; GLORIETA-YESO	⁶ Pool Code [96831]
⁷ Property Code 308738	⁸ Property Name TONY FEDERAL	⁹ Well Number #057

II. ¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	19	17S	31E		970	NORTH	1890	EAST	EDDY

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
B	19	17S	31E		992	NORTH	2207	EAST	EDDY
¹² Lsc Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08/18/16	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
252293	Holly Energy Pipeline 311 W Quay / PO Box 1360 Artesia NM 88210	O
221115	Frontier Field Services LLC 4200 East Skelly Drive Suite 700 Tulsa OK 74135	G

IV. Well Completion Data

²¹ Spud Date 12/13/15	²² Ready Date 08/18/16	²³ TD 6445 / 6391	²⁴ PBDT 6403	²⁵ Perforations 4572-6198	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17	13.375 H40 48#	420	450 sx Class C		
11	8.625 J55 32#	3510	1450 sx Class C		
7.875	5.5 L80 17#	6445	940 sx Class C		
Tubing	2.875 J55 6.50	4688			

V. Well Test Data

³¹ Date New Oil 08/18/16	³² Gas Delivery Date 08/18/16	³³ Test Date 08/23/16	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 105'	³⁹ Water 132	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:
EMILY FOLLIS

Title:
Regulatory Analyst I

E-mail Address:
emily.follis@apachecorp.com

Date:
08/30/16

Phone:
432-818-1801

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned

NM OIL CONSERVATION

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ARTESIA DISTRICT

SEP 02 2016

FORM 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 57

9. API Well No.
30-015-43469

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

11. County or Parish, and State
EDDY COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
APACHE CORPORATION

Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com

3a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-818-1801

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 19 T17S R31E NWNE 970FNL 1890FEL

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 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 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 FOLLOWS: RR DATE 12/22/15

06/29/16 MIRU RENEGADE WL. PU RIH W/ CNL-CBL-GR-CCL LOG FROM 6374- SURF GOOD CEMENT ACROSS ALL ZONES. Perf 4572-6193'

06/30/16 MIRU PETOPLEX SERV. ACIDIZE

07/01/16 FINISH POOH WITH PACKER RIG DOWN, CLEAN LOCATION, INSTAL FRAC VALVE

08/05/16 MIRU FRAC PARTIES, START FRAC - ROCK PILE (BLINEBRY)(THREE STAGE FRAC) 4572-6193'

TOTAL SAND 629,500

TOTAL ACID 229 BBL

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

**Electronic Submission #349480 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

Name (Printed/Typed) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/30/2016

THIS SPACE FOR FEDERAL OR STATE APPROVAL

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 scanned

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 #349480 that would not fit on the form

32. Additional remarks, continued

08/09/16 MIRU REV UNIT & WELL FOAM AIR & N2 UNIT.ND FV, NU BOP SET PIPE RACK & TALLY PIPE. SD FOR WEATHER

08/10/16 DRIL OUT, CIRC FLUID,KILL TUBING W/FRESH WTER TURN OVER TO PRODUCTION

08/23/16 SET WFT MAX III 640-365-168 PUMPING UNIT, RUN ELECTRIC, PLUMB INTO BATTERY, FINAL REPORT

NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 02 2016

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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			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: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705			3a. Phone No. (include area code) Ph: 432-818-1801		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 970FNL 1890FEL At top prod interval reported below NWNE 992FNL 1890FEL At total depth NWNE 992FNL 2207FEL			8. Lease Name and Well No. TONY FEDERAL 57		
14. Date Spudded 12/13/2015			15. Date T.D. Reached 12/21/2015		9. API Well No. 30-015-43469
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.			10. Field and Pool, or Exploratory CEDAR LAKE:GLORIETA-YESO		
18. Total Depth: MD 6445 TVD 6445			19. Plug Back T.D.: MD 6403 TVD		11. Sec., T., R., M., or Block and Survey or Area Sec 19 T17S R31E Mer
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL-CBL-GR-CCL			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)			12. County or Parish EDDY COUNTY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3651 GL		

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 H40	48.0		420		450			
11.000	8.625 J55	32.0		3510		1450			
7.875	5.500 L80	17.0		6445		940			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4688							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5213	6215	4572 TO 6198	0.450	99	PADDOCK/BLINEBRY
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
4572 TO 6198	TOTAL SAND 629,500#. TOTAL ACID 229 BBL

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/18/2016	08/23/2016	24	→	105.0	220.0	132.0	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	
			→				2095		

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #349475 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	270	412	ANHYDRITE, DOLOMITE W	RUSTLER	270
SALADO	412	1240	ANHYDRITE, DOLOMITE W	SALADO	412
TANSIL	1240	1397	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSIL	1240
YATES	1397	1693	SANDSTONE O/G/W	YATES	1397
SEVEN RIVERS	1693	2305	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	1693
QUEEN	2305	2683	SS, DOLO, LIMESTONE O/G/W	QUEEN	2305
GRAYBURG	2683	3067	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	2683
SAN ANDRES	3067	4519	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3067

32. Additional remarks (include plugging procedure):

Glorieta 4519 - 4572 Sandstone O/G/W
Paddock 4572 - 5213 Dolomite O/G/W
Blaine 5213 - 6215 Dolomite O/G/W
Tubb 6215 - TD(6445') O/G/W

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 #349475 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad**

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 08/30/2016

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 ****