

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 NW / 08/03/16
⁴ API Number 30-015-43366	⁵ Pool Name CEDAR LAKE, GLORIETA-YESO	⁶ Pool Code 96831
⁷ Property Code 308710	⁸ Property Name COFFEE FEDERAL	⁹ Well Number 22

II. ¹⁰Surface Location

Ul or lot no.	Section 18	Township 17S	Range 31E	Lot Idn	Feet from the 10	North/South Line NORTH	Feet from the 825	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

Ul or lot no.	Section 18	Township 17S	Range 31E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 990	East/West line WEST	County EDDY
¹² Use Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 08/03/16	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
NM OIL CONSERVATION ARTESIA DISTRICT		
AUG 22 2016		
RECEIVED		

IV. Well Completion Data

²¹ Spud Date 10/27/2015	²² Ready Date 08/03/16	²³ TD 6430 / 6398	²⁴ PBD 6430	²⁵ Perforations 4678-6050'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5'	13.375 48#	403	750 sx Class C		
11'	8.625 32#	3500	1620 sx Class C		
7.875'	5.5 17#	6430	900 sx Class C		
Tubing	2.875	6265'			

V. Well Test Data

³¹ Date New Oil 08/03/16	³² Gas Delivery Date 08/03/16	³³ Test Date 08/06/16	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 43	³⁹ Water 247	⁴⁰ Gas 74		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: *Emily Folis*

Printed name:
Emily Folis

Title:
Reg Analyst

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

Date:
08/08/2016

Phone:
432-818-1801

OIL CONSERVATION DIVISION

Approved by:

Title: *BusOp Spec-Adv*

Approval Date:

8-22-16

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.
NMLC029548A

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.8. Well Name and No.
COFFEE FEDERAL 229. API Well No.
30-015-4336610. Field and Pool, or Exploratory
CEDAR LAKE, GLORIETA-YESO11. County or Parish, and State
EDDY COUNTY COUNTY, NM1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
APACHE CORPORATION
Contact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com3a. Address
303 VETERANS AIRPARK LANE SUITE 1000
MIDLAND, TX 79707
3b. Phone No. (include area code)
Ph: 432-818-18014. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 18 T17S R31E 10FNL 825FWL

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 recomple 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 11/08/2015

06/22/16 MIRU RENEGADE WL PU RIH W/ CNL-CBL-GR-CCL FROM 6378- SURF GOOD CEMENT EST TOC @ 130' PU
RIH W/CCL - PERF THE LOWER BLINEBRY FROM 5469- 6050' W/35 HOLES ALL SHOTS FIRED RDMO . RENEGADE
WIRE LINE PU RIH W/ 5.5 17 LB PKR & 166 JTS NEW 2-7/8" J66 TBG LEAVE SWINGING ABOVE PERFS @ 5404'
SI SDFN

06/23/16 MIRU PETROPLEX ACID TEST LINES BALL JOB ND BOP NU FV RDMO ALL PARTIES
07/24/16 MIRU FRAC/WIRELINE AND OTHER EQUIPMENT
07/25/16 ROCK PILE -FRAC(LOWER BLINEBRY)(THREE STAGE) 4678-6050'

Stage 1 5469-6050 35 Holes .37 DIA/21" PEN
STAGE 2 5073-5442 31 Holes .37 DIA/21" PEN

NM OIL CONSERVATION
ARTESIA DISTRICT

AUG 22 2016

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #348235 verified by the BLM Well Information System
For APACHE CORPORATION, sent to the Carlsbad**

RECEIVED

Name (Printed/Typed) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/18/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Pending BLM approvals will
subsequently be reviewed
and scanned

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
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 #348235 that would not fit on the form

32. Additional remarks, continued

STAGE 3 4678-5000 31 Holes .37 DIA/21" PEN

TOTAL SAND #755,600

TOTAL ACID 291 BBL

07/26/16 RD FRAC AND WL

07/27/16 MIRU ALL PARTIES BEGAIN DRILL OUT

07/28/16 CIRC WELL STAND BACK TUBING PREP FOR PRODUCTION TO RIH W/ROD PUMP
OUT OF HOLE W/2-7/8 TBG MILL & START REPORT ON PRODUCTION RD RUN PRODUCTION

07/29/16 RIH W/PRODUCTION EQUIPMENT,CLEAN LOCATION,RDMO ALL PARTIES SI SD

08/09/16 SET PUMPING UNIT PLUMB INTO BATTERY , FINAL REPORT

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.
NMLC029548A

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		8. Lease Name and Well No. COFFEE FEDERAL 22	
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705		9. API Well No. 30-015-43366	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot 1 10FNL 825FWL At top prod interval reported below 327FNL 990FWL At total depth Tract 17S 31EFNL 990FWL		10. Field and Pool, or Exploratory CEDAR LAKE, GLORIETA-YESO	
14. Date Spudded 10/27/2015		11. Sec., T., R., M., or Block and Survey or Area Sec 18 T17S R31E Mer	
15. Date T.D. Reached 11/07/2015		12. County or Parish EDDY COUNTY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/04/2016		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3732 GL			
18. Total Depth: MD 6430 TVD 6398		19. Plug Back T.D.: MD 6430 TVD	
20. Depth Bridge Plug Set: MD TVD			
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)

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	48.0	0	403		750			
11.000	8.625	32.0	0	3500		1620			
7.875	5.500	17.0	0	6430		900			

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	6265							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5165	6083	4678 TO 6050			OPEN HOLE PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4678 TO 6050	TOTAL SAND #755,600 , TOTAL ACID 291 BBL

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
08/04/2016	08/06/2016	24	→	43.0	74.0	247.0	37.0		ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→				1720	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
			→					
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 #347133 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 22 2016

RECEIVED

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. Plwg. 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. Plwg. 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	351	479	ANHYDRITE, DOLOMITE W	RUSTLER	351
SALADO	479	1325	ANHYDRITE, DOLOMITE W	SALADO	479
TANSILL	1325	1480	ANHYDRITE, SALT, DOLO, SS O/GW	TANSILL	1325
YATES	1480	1760	SANDSTONE O/GW	YATES	1480
SEVEN RIVERS	1760	2368	SS, DOLO LIMESTONE O/GW	SEVEN RIVERS	1760
QUEEN	2368	2769	SS, DOLO LIMESTONE O/GW	QUEEN	2368
GRAYBURG	2769	3089	DOLO, LIMESTONE, SS O/GW	GRAYBURG	2769
SAN ANDRES	3089	4586	DOLO, LIMESTONE, SS O/GW	SAN ANDRES	3089

32. Additional remarks (include plugging procedure):

GLORIETA 4586-4640 SANDSTONE O/GW
PADDOCK 4640-5165 DOLOMITE O/GW
BLINEBRY 5165-6083 DOLOMITE O/GW
TUBB 6083-TD(6430) SANDSTONE O/GW

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 #347133 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 08/09/2016

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 ****