

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 / 11/28/17
⁴ API Number 30-015-44399	⁵ Pool Name CEDAR LAKE; GLORIETA-YESO	⁶ Pool Code 96831
⁷ Property Code 315935	⁸ Property Name CEDAR LAKE FEDERAL CA	⁹ Well Number 725H

II. ¹⁰ Surface Location

UL or lot no. L	Section 7	Township 17S	Range 31E	Lot Idn	Feet from the 2290	North/South line SOUTH	Feet from the 485	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. H	Section 7	Township 17S	Range 31E	Lot Idn	Feet from the 2388	North/South line NORTH	Feet from the 337	East/West line EAST	County EDDY
¹² Use Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 11/28/17	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
36785	DCP Midstream, LP 370 17th St Suite 2500 Denver CO 80202	G
RECEIVED		

IV. Well Completion Data

²¹ Spud Date 10/03/17	²² Ready Date 11/28/17	²³ TD 9385	²⁴ PBD 5363	²⁵ Perforations 5705-9271	²⁶ DHC, MC open hole
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375 J55 48#	413	500 sx Class C ✓		
12.25	9.625 J55 36#	3516	1400 sx Class C ✓		
8.5	7" P110 29#5.5 L80 20#	4775/9385'	660 sx Class C		
Tubing	2.875 J55 6.5#	5072'			

V. Well Test Data

³¹ Date New Oil 11/28/17	³² Gas Delivery Date 11/28/17	³³ Test Date 12/13/17	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 337	³⁹ Water 715	⁴⁰ Gas 222		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: <i>Emily Follos</i>			OIL CONSERVATION DIVISION		
Printed name Emily Follos			Approved by: <i>Raymond H. Sidany</i>		
Title Reg Analyst			Title Geologist		
E-mail Address: emily.follos@apachecorp.com			Approval Date: 2-18-2018		
Date 12/18/17			Phone: 432-818-1801		

Pending BLM approvals will
subsequently be reviewed
and scanned

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMLC029435A	
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		7. Unit or CA Agreement Name and No.	
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		8. Lease Name and Well No. CEDAR LAKE FEDERAL 725H	
3. Address 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705		9. API Well No. 30-015-44399	
3a. Phone No. (include area code) Ph: 432-818-1801		10. Field and Pool, or Exploratory CEDAR LAKE; GLORIETA-YESO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWSW Lot 3 2290FSL 485FWL At top prod interval reported below NWSW Lot H 2388FNL 337FEL At total depth NWSW Lot H 2388FNL 337FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 7 T17S R31E Mer	
14. Date Spudded 10/03/2017		15. Date T.D. Reached 10/15/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, KB, RT, GL)* 3723 GL	
18. Total Depth: MD 9385 TVD 5361 5363		19. Plug Back T.D.: MD TVD -6201	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, CNL, 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	413		500	660	0	
12.250	9.625 J55	36.0	0	3516		1400	1848	0	
8.500	7.000 P110	29.0	4751	4776		660	8712	0	
8.500	5.500 L80	20.0	4777	9385					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.785	5072							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5210	9385	5705 TO 9271			PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5705 TO 9271	TOTAL SAND 2,444,030 #, TOTAL ACID 1,551 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
11/28/2017	12/13/2017	24	→	337.0	222.0	715.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→				658	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

ELECTRONIC SUBMISSION #401411 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OI

Pending BLM approvals will
subsequently be reviewed
and scanned

3C 2-16-18

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	290	467	ANHYDRITE, DOLOMITE W	RUSTLER	290
SALADO	467	1309	ANHYDRITE, DOLOMITE W	SALADO	467
TANSIL	1309	1466	ANHYDRITE, SALT, DOLO, SS OGW	TANSIL	1309
YATES	1466	1743	SANDSTONE OGW	YATES	1466
SEVEN RIVERS	1743	2350	SS, DOLO LIMESTONE OGW	SEVEN RIVER	1743
QUEEN	2350	2750	SS, DOLO LIMESTONE OGW	QUEEN	2350
GRAYBURG	2750	3070	DOLO, LIMESTONE, SS OGW	GRAYBURG	2750
SANDSTONE	3070	4550	DOLO, LIMESTONE, SS OGW	SANANDRES	3070

32. Additional remarks (include plugging procedure):

Glorieta 4550-4606 Sandstone OGW
Paddock 4606-5210 Dolomite OGW
Blaine 5210-TD(9385') DOLOMITE OGW

NOTE: RE-VISED REQUESTED BY DAVID GLASS/JENNIFER SANCHEZ - SLURRY*/LOCATION/MD -
Attachments submitted on the original 3160-4 ES#398281 DATED 12/18/17

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 #401411 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 01/18/2018

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.

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