

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029426B

6. If Indian, Allottee or Tribe Name

7. Unit of CA Agreement Name and No.
NMNM1340868. Lease Name and Well No.
CEDAR LAKE FEDERAL CA 953H9. API Well No.
30-015-44982-00-S110. Field and Pool, or Exploratory
FREN-GLORIETA-YESO11. Sec., T., R., M., or Block and Survey
or Area Sec 9 T17S R31E Mer NMP12. County or Parish
EDDY13. State
NM17. Elevations (DF, KB, RT, GL)*
3875 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other2. Name of Operator
APACHE CORPORATION
Contact: ALICIA FULTON
E-Mail: ALICIA.FULTON@APACHECORP.COM3. Address 303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 79705
3a. Phone No. (include area code)
Ph: 432.818.10884. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 9 T17S R31E Mer NMP
At surface NWNW 1130FNL 508FWL 32.853218 N Lat, 103.881622 W Lon
Sec 9 T17S R31E Mer NMP
At top prod interval reported below NENE 1140FNL 491FEL 32.853184 N Lat, 103.883514 W Lon
Sec 7 T17S R31E Mer NMP
At total depth Lot 2 1341FNL 380FWL 32.852573 N Lat, 103.915710 W Lon14. Date Spudded
06/05/201815. Date T.D. Reached
06/21/201816. Date Completed
☐ D & A ☒ Ready to Prod.
08/24/2018 9-14-201818. Total Depth: MD
TVD 15305
492819. Plug Back T.D.: MD
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
2655 GL CBL22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	570		550		0	0
12.250	9.625 J55	40.0	0	3505		1400		0	0
8.500	7.000 L80	29.0	0	4600		710		0	0
8.500	5.500 L80	20.0	4600	15287	no cement - open hole packer assembly completion				AB of 11/20/18

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	4913	4887 - sundry notes dated 9-27-18						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO			4675 TO 15305			PRODUCING
B) PADDOCK	4675	15305	no perforations - open hole completion - packer assembly			
C)						
D)						

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

Depth Interval	Amount and Type of Material
4675 TO 15305	TOTAL ACID 6294 BBL TOTAL SLICKWATER 147,394 BBL

NOV 28 2018

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
09/14/2018	09/17/2018	24	→	904.0	295.0	2008.0			DISTRICT II-ARTESIA O.C.D.
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	904	295	2008	326		ELECTRIC PUMP SUB-SURFACE

28a. Production - Interval B

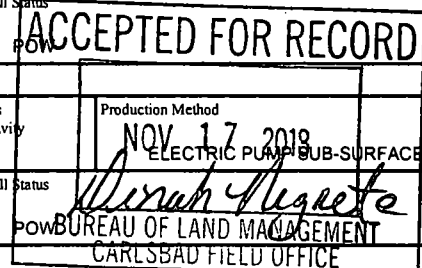
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/14/2018	09/17/2018	24	→	904.0	295.0	2008.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	904	295	2008			

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

ELECTRONIC SUBMISSION #437978 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 2/21/2019



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

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	265	436	ANHYDRITE, DOLOMITE W	RUSTLER	265
SALADO	436	1345	ANHYDRITE, DOLOMITE W	SALADO	436
TANSILL	1345	1509	SANDSTONE OGW	TANSILL	1345
YATES	1509	1789	SANDSTONE, DOLO, LIMESTONE OGW	YATES	1509
SEVEN RIVERS	1789	2418	SANDSTONE, DOLO, LIMESTONE OGW	SEVEN RIVERS	1789
QUEEN	2418	2795	DOLOMITE, LIMESTONE, SS, OGW	QUEEN	2418
GRAYBURG	2795	3109	DOLOMITE, LIMESTONE, SS, OGW	GRAYBURG	2795
SAN ANDRES	3106	4621	DOLOMITE, LIMESTONE, SS, OGW	SAN ANDRES	3106

32. Additional remarks (include plugging procedure):

GLORIETA SANDSTONE O/G/W 4621-4678
PADDOCK DOLOMITE O/G/W 4678-5246
BLINEBRY DOLOMITE O/G/W 5246-15305

7" casing ran with crossover to 5 1/2 open hole packers plus assembly to 15,287
TD of well at 15,305

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 #437978 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DUNCAN WHITLOCK on 10/10/2018 (19DW0015SE)

Name (please print) ALICIA FULTON

Title SR. REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 10/02/2018

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

Additional data for transaction #437978 that would not fit on the form

32. Additional remarks, continued

RECEIVED

District I
1625 N French Dr Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720

District II
811 S First St, Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170

District IV
1220 S St. Francis Dr, Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44982	² Pool Code 26770	³ Pool Name Fren-Glorieta-Yeso
⁴ Property Code 315935	⁵ Property Name CEDAR LAKE FEDERAL CA	
¹⁰ GRID NO 873	⁸ Operator Name APACHE CORPORATION	
		⁶ Well Number 953H
		⁹ Elevation 3875'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	9	17S	31E		1130	NORTH	508	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	7	17S	31E		1341	NORTH	380	WEST	EDDY

¹² Dedicated Acres 720	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N 674431.0 - E 680049.9 LAT 32 853219" N LONG. 103.881625" W FIRST TAKE POINT (FTP) MD 4675' TVD 4674.2' N 674420.7 - E 680032.7 LAT 32 853190" N LONG. 103.881681" W LAST TAKE POINT (LTP) & BOTTOM HOLE (BH) MD 15305' TVD 4928.4' N 674147.7 - E 669634.3 LAT 32.8525582" N LONG. 103.9155464" W		CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N 670206.1 - E 669266.3 B: FOUND BRASS CAP "1916" N 672845.7 - E 669258.1 C: FOUND BRASS CAP "1916" N 675485.9 - E 669250.0 D: FOUND BRASS CAP "1916" N 675519.3 - E 674249.5 E: FOUND BRASS CAP "1916" N 675556.7 - E 679529.4 F: FOUND 1/2" REBAR N 675594.5 - E 684811.1 G: FOUND BRASS CAP "1916" N 670310.3 - E 684840.6		H: FOUND BRASS CAP "1916" N 670274.2 - E 682217.6 I: FOUND BRASS CAP "1916" N 670276.7 - E 679559.4 J: FOUND BRASS CAP "1916" N 670258.0 - E 676920.1 K: FOUND 1/2" REBAR N 670239.2 - E 674280.4 L: FOUND BRASS CAP "1916" N 670221.6 - E 671639.4 M: FOUND BRASS CAP "1916" N 672878.8 - E 674265.1 N: FOUND BRASS CAP "1916" N 672930.9 - E 679557.9		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Alicia Fulton</i> Date: 10/11/2018 Printed Name: Alicia Fulton Email Address: alicia.fulton@apachecorp.com	
18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: 10-31-2017 Signature and Seal of: <i>Jeffrey L. Fansler</i> 10034 Certificate Number: 10034 10-01-18 MOVE FTP		19 CALCULATED POINTS 1 N 675566.2 - E 680849.8 2 N 672936.3 - E 680875.8					

Job No.: LS1710701ADR