

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

ARTESIA DISTRICT
NM OIL CONSERVATION
OCT 31 2016
RECEIVEDFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029435A1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Other

If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM1340862. Name of Operator
APACHE CORPORATIONContact: EMILY FOLLIS
E-Mail: Emily.Follis@apachecorp.com8. Lease Name and Well No.
CEDAR LAKE FEDERAL CA 812H3. Address 303 VETERANS AIRPARK LANE SUITE 3000
MIDLAND, TX 797053a. Phone No. (include area code)
Ph: 432-818-18019. API Well No.
30-015-40468-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 8 T17S R31E Mer NMP
At surface SWNW 2088FNL 220FWL 32.850425 N Lat, 103.899263 W Lon
Sec 7 T17S R31E Mer NMP
At top prod interval reported below SWNW 2077FNL 330FWL
Sec 7 T17S R31E Mer NMP
At total depth Lot 2 2077FNL 330FWL10. Field and Pool, or Exploratory
CEDAR LAKE11. Sec., T., R., M., or Block and Survey
or Area Sec 8 T17S R31E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
12/03/201215. Date T.D. Reached
02/20/201316. Date Completed
☐ D & A ☒ Ready to Prod.
08/25/201617. Elevations (DF, KB, RT, GL)*
3727 GL18. Total Depth: MD
TVD10573
583719. Plug Back T.D.: MD
TVD

10568

20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL-RB-GR-CCL22. 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 H40	48.0		492		775			
12.250	9.625 J55	36.0		3528		1680			
8.750	7.000 J55	26.0		5432		745			
8.750	4.500 L80	13.5	5338	10573		450			

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	5612							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			6050 TO 10475			OPEN HOLE PRODUCING - Blinnet
B) BLINEBRY	5337	10573				
C)						
D)						

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

Depth Interval	Amount and Type of Material
6050 TO 10475	TOTAL SAND #2,835,080 , TOTAL ACID 2682 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
08/25/2016	08/30/2016	24	→	195.0	320.0	1210.0	37.0		ELECTRIC PUMP SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	195	320	1210	1641	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
08/25/2016	08/30/2016	24	→	195.0	320.0	1210.0	37.0		ELECTRIC PUMP SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	195	320	1210	1641	POW	

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

ELECTRONIC SUBMISSION #351188 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due 02/25/2017

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	Thg. 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	Thg. 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	389	465	ANHYDRITE, DOLOMITE W	RUSTLER	389
SALADO	465	1367	ANHYDRITE, DOLOMITE W	SALADO	465
TANSILL	1367	1525	ANHYD, SALT, DOLO, SS O/G/W	TANSILL	1367
YATES	1525	1799	SANDSTONE O/G/W	YATES	1525
SEVEN RIVERS	1799	2413	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	1799
QUEEN	2413	2821	SS, DOLO, LIMESTONE O/G/W	QUEEN	2413
GRAYBURG	2821	3136	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	2821
SAN ANDRES	3136	4641	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3136
GLORIETA	4641	4712		GLORIETA	4641
PADDOCK	4712	5337		PADDOCK	4712
BLINEBRY	5337	10573		BLINEBRY	5337

32. Additional remarks (include plugging procedure):

GLORIETA 4641-4712 SANDSTONE O/G/W
 PADDOCK 4712-5337 DOLOMITE O/G/W
 BLINEBRY 5337 - TD(10,573') DOLOMITE 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 #351188 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 10/07/2016 (17DMH0004SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/14/2016

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.

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

Revisions to Operator-Submitted EC Data for Well Completion #351188

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC029435B	NMLC029435A
Agreement:	NMNM134086	NMNM134086 (NMNM134086)
Operator:	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705 Ph: 432-581-8180	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705 Ph: 432.818.1000
Admin Contact:	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com Ph: 432-818-1801	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com Ph: 432-818-1801
Tech Contact:	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com Ph: 432-818-1801	EMILY FOLLIS REGULATORY ANALYST E-Mail: Emily.Follis@apachecorp.com Ph: 432-818-1801
Well Name: Number:	CEDAR LAKE FEDERAL CA 812H	CEDAR LAKE FEDERAL CA 812H
Location: State: County: S/T/R: Surf Loc:	NM EDDY COUNTY Sec 8 T17S R31E Mer SWNW 2088FNL 220FWL	NM EDDY Sec 8 T17S R31E Mer NMP SWNW 2088FNL 220FWL 32.850425 N Lat, 103.899263 W Lon
Field/Pool:	CEDAR LAKE:GLORIETA YESO	CEDAR LAKE
Logs Run:	CBL-RB-GR-CCL	CBL-RB-GR-CCL
Producing Intervals - Formations:	BLINEBRY	GLORIETA YESO BLINEBRY
Porous Zones:	RUSTLER SALADO TANSIL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	RUSTLER SALADO TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA PADDOCK BLINEBRY
Markers:	RUSTLER SALADO TANSIL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	RUSTLER SALADO TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA PADDOCK BLINEBRY