

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NMLC CONSERVATION DISTRICT
Artesia
OCT 31 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NMLC029435A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other		7. Unit or CA Agreement Name and No. NMNM134086
2. Name of Operator APACHE CORPORATION		8. Lease Name and Well No. CEDAR LAKE FEDERAL CA 722H
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		9. API Well No. 30-015-43361-00-S1
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		10. Field and Pool, or Exploratory UNKNOWN
3a. Phone No. (include area code) Ph: 432-818-1801		11. Sec., T., R., M., or Block and Survey or Area Sec 7 T17S R31E Mer NMP
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot 3 2115FSL 550FWL At top prod interval reported below NESE 1374FSL 333FEL At total depth NESE 1374FSL 333FEL		12. County or Parish EDDY
14. Date Spudded 10/31/2015		13. State NM
15. Date T.D. Reached 11/13/2015		17. Elevations (DF, KB, RT, GL)* 3723 GL
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/26/2016		
18. Total Depth: MD 9349 TVD 5370	19. Plug Back T.D.: MD 9349 TVD	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RBGR CNGR TEMPCCL PHONEX		22. 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	410		450		0	
17.500	13.375 H40	48.0	426	3506		1100		236	
12.250	9.625 J55	40.0	3506	4760		1400			
8.500	7.000 L80	29.0	4760	4762		600			
8.500	5.500 L80	20.0	4762	9333					

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	5024							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5653 TO 9323			OPEN HOLE PRODUCING
B) BLINEBRY	5268	9349				
C)						
D)						

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

Depth Interval	Amount and Type of Material
5653 TO 9323	TOTAL ACID 2400 BBL, TOTAL SAND 2,653,540 #

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
07/26/2016	08/02/2016	24	▶	448.0	768.0	946.0	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	
	SI		▶	448	768	946	1714	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
07/26/2016	08/02/2016	24	▶	448.0	768.0	946.0	37.0		BUREAU OF MINING SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	CARLSBAD FIELD OFFICE
			▶	448	768	946	1714	POW	

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

ELECTRONIC SUBMISSION #346900 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 01/26/2017

ACCEPTED FOR RECORD
OCT 20 2016
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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	288	465	ANHYDRITE, DOLOMITE W	RUSTLER	288
SALADO	465	1311	ANHYDRITE, DOLOMITE W	SALADO	465
TANSILL	1311	1466	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1311
YATES	1466	1744	SANDSTONE O/G/W	YATES	1466
SEVEN RIVERS	1744	2348	SS, DOLOMITE, LIMESTONE O/G/W	SEVEN RIVERS	1744
QUEEN	2348	2749	SS, DOLOMITE, LIMESTONE O/G/W	QUEEN	2348
GRAYBURG	2749	3070	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	2749
SAN ANDRES	3070	4556	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3070

32. Additional remarks (include plugging procedure):

GLORIETA Sandstone O/G/W 4556 - 4609
 PADDOCK Dolomite O/G/W 4609 - 5268
 BLINEBRY DOLOMITE O/G/W 5268 - 9349 TD

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 #346900 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 09/16/2016 (16DMH0302SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/04/2016

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 #346900

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC029435A	NMLC029435A
Agreement:	NMNM134086	NMNM134086 (NMNM134086)
Operator:	APACHE CORPORATION 303 VETERANS AIRPARK LANE SUITE 1000 MIDLAND, TX 79705 Ph: 432-818-1801	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 722H	CEDAR LAKE FEDERAL CA 722H
Location: State: County: S/T/R: Surf Loc:	NM EDDY COUNTY Sec 7 T17S R31E Mer 2115FSL 550FWL	NM EDDY Sec 7 T17S R31E Mer NMP Lot 3 2115FSL 550FWL
Field/Pool:	CEDAR LAKE;GLORIETA-YESO	UNKNOWN
Logs Run:	RBGR,CNGR,TEMP CCL,PHONEX	RBGR CNGR TEMPCCL PHONEX
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
Markers:	RUSTLER SALADO TANSIL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES	RUSTLER SALADO TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES