

NMOOD CONSERVATION ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 09 2016

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

WELL COMPLETION OR RECOMPLETION REPORT **RECEIVED**

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMLC029435B	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator APACHE CORPORATION		7. Unit or CA Agreement Name and No. NMNM134086	
Contact: EMILY FOLLIS E-Mail: Emily.Follis@apachecorp.com		8. Lease Name and Well No. CEDAR LAKE FEDERAL CA 629H	
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		9. API Well No. 30-015-42585-00-S1	
3a. Phone No. (include area code) Ph: 432-818-1801		10. Field and Pool, or Exploratory CEDAR LAKE-YESO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 985FSL 155FEL 32.858865 N Lat, 103.900501 W Lon At top prod interval reported below SESE 983FSL 333FWL At total depth Lot 7 983FSL 333FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 6 T17S R31E Mer NMP	
14. Date Spudded 03/10/2015		15. Date T.D. Reached 03/22/2015	
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/05/2015		17. Elevations (DF, KB, RT, GL)* 3753 GL	
18. Total Depth: MD 9580 TVD 5324		19. Plug Back T.D.: MD 9580 TVD 5324	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNGRCCL SBGRCL	
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. (lb/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 H-40	48.0	0	420		470	112	0	
12.250	9.625 HCK-55	36.0	0	3500		1500	481	0	
8.500	7.000 L-80	29.0	0	4809	4809	610	201	0	
7.875	5.500 L-80	20.0	4809	9557					

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	5066							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5686	9548	5686 TO 9548			OPEN HOLE PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5686 TO 9548	TOTAL ACID 2456 BBL, TOTAL SAND 2,659,660 #

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
11/05/2015	11/21/2015	24	→	705.0	587.0	2527.0	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	
				705	587	2527	832	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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

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

ELECTRONIC SUBMISSION #324979 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

**RECLAMATION DUE:
MAY 05 2016**

DAVID R. GLASS
PETROLEUM ENGINEER

**ACCEPTED FOR RECORD
/S/ DAVID R. GLASS**

APR 27 2016

AB

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	408	540	ANHYDRITE, DOLOMITE	RUSTLER	408
SALADO	540	1420	ANHYDRITE, DOLOMITE	SALADO	540
TANSILL	1420	1550	ANHYDRITE, SALT, DOLO, SS	TANSILL	1420
YATES	1550	1825	SANDSTONE	YATES	1550
SEVEN RIVERS	1825	2420	SS, DOLOMITE, LIMESTONE	SEVEN RIVERS	1825
QUEEN	2420	2840	SS, DOLO, LIMESTONE	QUEEN	2420
GRAYBURG	2824	3156	DOLO, LIMESTONE, SS	GRAYBURG	2824
SAN ANDRES	3156	4628	DOLO, LIMESTONE, SS	SAN ANDRES	3156
GLORIETA	4628	4693	Sandstone	GLORIETA	4628
PADDOCK	4693	5271	Dolomite	PADDOCK	4693
BLINEBRY	5271	9580	Dolomite	BLINEBRY	5271

32. Additional remarks (include plugging procedure):

GLORIETA 4628 - 4693 SANDSTONE O/G/W
 PADDOCK 4693 - 5271 DOLOMITE O/G/W
 BLINEBRY 5271 - TD DOLOMITE O/G/W

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (I 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 #324979 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH HAM on 12/24/2015 (16DMH0129SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/01/2015

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 **