

NMOCD
ArtesiaUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC0294268

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 951H	
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705		9. API Well No. 30-015-43327-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 1070FNL 515FWL At top prod interval reported below NENE 483FNL 331FEL At total depth NENE 483FNL 331FEL		10. Field and Pool, or Exploratory CEDAR LAKE-GLORIETA-YESO	
14. Date Spudded 10/16/2015		15. Date T.D. Reached 10/29/2015	
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/10/2016		17. Elevations (DF, KB, RT, GL)* 3887 KB	
18. Total Depth: MD 9906 TVD 5637		19. Plug Back T.D.: MD 9877 TVD 5637	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNGR CCL RBGR CCL	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	520		500	118	0	
12.250	9.625 J-55	40.0	0	3500		1400	447	0	
8.500	7.000 L-80	29.0	0	5054		600	199	0	
8.500	5.000 L-80	20.0	5054	9886					

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	5327							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5982	9877	5982 TO 9877			OPEN HOLE - Blinebry
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material	NM OIL CONSERVATION
5982 TO 9877	TOTAL ACID 2891 BBL, TOTAL SAND 2,868,800 #	ARTESIA DISTRICT
		JUL 29 2016

28. Production - Interval A

RECEIVED

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/10/2016	05/28/2016	24	→	139.0	136.0	1677.0	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	
			→	139	136	1677	978	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	
			→						

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS
JUL 22 2016

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

ELECTRONIC SUBMISSION #340798 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:
NOV 10 2016

PETROLEUM ENGINEER

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	457	612	ANHYDRITE, DOLO W	RUSTLER	457
SALADO	612	1629	ANHYDRITE, DOLO W	SALADO	612
TANSILL	1629	1766	ANHYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1629
YATES	1766	2046	SANDSTONE O/G/W	YATES	1766
SEVEN RIVERS	2046	2667	SS, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	2046
QUEEN	2667	3097	SS, DOLO, LIMESTONE O/G/W	QUEEN	2667
GRAYBURG	3097	3377	DOLO, LIMESTONE, SS O/G/W	GRAYBURG	3097
SAN ANDRES	3377	4892	DOLO, LIMESTONE, SS O/G/W	SAN ANDRES	3377
GLORIETA	4892	4969	SANDSTONE O/G/W	GLORIETA	4892
PADDOCK	4969	5546	DOLOMITE O/G/W	PADDOCK	4969
BLINEBRY	5546	9906	DOLOMITE O/G/W	BLINEBRY	5546

32. Additional remarks (include plugging procedure):

GLORIETA 4892 - 4969 SANDSTONE O/G/W
 PADDOCK 4969 - 5546 DOLOMITE O/G/W
 BLINEBRY 5546 - TD(9906)DOLOMITE O/G/W

Note: ORIGINALLY NAMED - CROW FEDERAL 51H

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 #340798 Verified by the BLM Well Information System.
 For APACHE CORPORATION, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH HAM on 07/12/2016 (16DMH0281SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/01/2016

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 **