

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD
Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029435B

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. NMM134086		
2. Name of Operator APACHE CORPORATION			8. Lease Name and Well No. CEDAR LAKE FEDERAL CA 641H		
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705			3a. Phone No. (include area code) Ph: 432-818-1062		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NESE 2025FSL 200FEL 32.861723 N Lat, 103.900653 W Lon At top prod interval reported below NESE 2025FSL 200FEL At total depth NESE 2026FSL 333FEL			10. Field and Pool, or Exploratory CEDAR LAKE-YESO		
14. Date Spudded 06/30/2015			15. Date T.D. Reached 07/13/2015		
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/14/2016			17. Elevations (DF, KB, RT, GL)* 3758 GL		
18. Total Depth: MD 9845 TVD 4978		19. Plug Back T.D.: MD 9845 TVD 4978		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN CBL			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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	410		420		0	
12.250	9.625 J-55	40.0	0	3500		1500		0	
8.500	7.000 L-80	29.0	0	4410		625		104	
8.500	5.500 L-80	20.0	4410	9815					

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	4689							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5189	9806	5189 TO 9806			PROD - OH
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5189 TO 9806	3037 BBLS ACID; 3,250,790# SAND

Accepted for record - NMOCD

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
04/14/2016	04/19/2016	24	→	608.0	153.0	1512.0	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	
			→	608	153	1512	252	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

DAVID R. GLASS

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #337070 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:

OCT 14 2016

DAVID R. GLASS
PETROLEUM ENGINEER

6/15/14

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. Fwg. 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. Fwg. 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	403	535	ANHYDRITE, DOLOMITE W	RUSTLER	403
SALADO	535	1415	ANHYDRITE, DOLOMITE W	SALADO	535
TANSILL	1415	1549	ANYDRITE, SALT, DOLO, SS O/G/W	TANSILL	1415
YATES	1549	1821	SANDSTONE O/G/W	YATES	1549
SEVEN RIVERS	1821	2417	SANDSTONE, DOLO, LIMESTONE O/G/W	SEVEN RIVERS	1821
QUEEN	2417	2836	SANDSTONE, DOLO, LIMESTONE O/G/W	QUEEN	2417
GRAYBURG	2836	3152	DOLO, LIMESTONE, SANDSTONE O/G/W	GRAYBURG	2836
SAN ANDRES	3152	4620	DOLO, LIMESTONE, SANDSTONE O/G/W	SAN ANDRES	3152
GLORIETA	4620	4672		GLORIETA	4620
PADDOCK	4672	9845		PADDOCK	4672

32. Additional remarks (include plugging procedure):

Glorieta 4620 4672 Sandstone O/G/W Glorieta 4620
Paddock 4672 9845 Dolomite O/G/W Paddock 4672

Formerly NFE Federal Com #41H

KOP @ 4373'

NOTE: Gaps in dates are due to pad drilling processes and surrounding area water issues,

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 #337070 Verified by the BLM Well Information System.

For APACHE CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by JENNIFER SANCHEZ on 05/20/2016 (16JAS1577SE)

Name (please print) REESA FISHER

Title SR STAFF REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/21/2016

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 ****

Additional data for transaction #337070 that would not fit on the form

32. Additional remarks, continued

which delay completion operations.