

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCD Apr 15 2018
APR 15 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC029426B		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 411H		
3. Address 303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND, TX 79705			9. API Well No. 30-015-43522-00-S1		
3a. Phone No. (include area code) Ph: 432-818-1801			10. Field and Pool, or Exploratory CEDAR LAKE		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 1043FNL 955FEL At top prod interval reported below NENE 1043FNL 955FEL At total depth NENE 341FNL 296FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 4 T17S R31E Mer NMP		
14. Date Spudded 06/06/2017			15. Date T.D. Reached 06/18/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/14/2017			17. Elevations (DF, KB, RT, GL)* 3958 GL		
18. Total Depth: MD 9181 TVD 5110		19. Plug Back T.D.: MD 9181 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR CCL			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 J55	47.0	0	655		600	804		
12.250	9.625 J55	36.0	0	3521		1400	1848		
8.500	7.000 L80	29.0	0	4705		650	962		
8.500	5.500 L80	20.0	4708	9181					

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	5051							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO			5565 TO 9181			PRODUCING - GL-Yeso Paddock
B) PADDOCK	5044	9181				
C)						
D)						

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

Depth Interval	Amount and Type of Material
5565 TO 9181	TOTAL SAND 2,630,740# , TOTAL ACID 1,666 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
12/14/2017	12/29/2017	24	→	287.0	68.0	909.0			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	
			→	287	68	909	237	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
12/14/2017	12/29/2017	24	→	287.0	358.0	909.0			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	
			→	287	358	909	1247	POW	

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

ELECTRONIC SUBMISSION #400393 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
APR 24 2018
BUREAU OF LAND MANAGEMENT
OFFICE

Reclamation Due: 6/14/2018

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	566	715	ANHYDRITE, DOLOMITE W	RUSTLER	566
SALADO	715	1744	ANHYDRITE, DOLOMITE W	SALADO	715
TANSILL	1744	1910	ANHYDRITE, SALT, DOLO, SS OGW	TANSILL	1744
YATES	1910	2180	SANDSTONE O/G/W	YATES	1910
SEVEN RIVERS	2180	2799	SANDSTONE, DOLO, LIME OGW	SEVEN RIVERS	2180
QUEEN	2799	3199	SANDSTONE, DOLO, LIME OGW	QUEEN	2799
GRAYBURG	3199	3506	DOLO, LIMESTONE, SANDSTONE OGW	GRAYBURG	3199
SAN ANDRES	3506	4981	DOLO, LIMESTONE, SANDSTONE OGW	SAN ANDRES	3506

32. Additional remarks (include plugging procedure):

Glorieta Sandstone O/G/W 4,981 5044
Paddock Dolomite O/G/W 5,044 TD(9181')

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 #400393 Verified by the BLM Well Information System.
For APACHE CORPORATION, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 01/24/2018 (18DW0057SE)

Name (please print) EMILY FOLLIS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/11/2018

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 ****