

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM117116

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM137590

8. Lease Name and Well No. MEDWICK 32 FEDERAL COM 4H

9. API Well No. 30-015-44591-00-S1

10. Field and Pool, or Exploratory WILDCAT

11. Sec., T., R., M., or Block and Survey or Area

12. County or Parish CULBERSON 13. State TX

14. Date Spudded 05/19/2018 15. Date T.D. Reached 06/08/2018 16. Date Completed 09/05/2018
 D & A Ready to Prod.

17. Elevations (DF, KB, RT, GL)* 3208 GL

18. Total Depth: MD 14543 TVD 7408 19. Plug Back T.D.: MD 14446 TVD 7408 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE 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 J55	48.0	0	478		500		0	190
12.250	9.625 J55	40.0	0	1944		775		0	240
8.750	5.500 L80	17.0	0	14543		3090		0	256

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	6867	6867						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7780	14421	7780 TO 14421	0.400	832	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7780 TO 14421	FRAC WITH 13109220 GAL SLICKWATER & 16232026 # SAND

APR 01 2019

28. Production - Interval A DISTRICT II-ARTESIA O.C.D.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/19/2018	09/20/2018	24	→	936.0	1116.0	1163.0	46.0		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
42	SI 880	1040.0	→	936	1116	1163	1192	POW	

ACCEPTED FOR RECORD
MAR 17 2019
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #439665 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **
Reclamation Due: 3/17/2019

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	0	1254	WATER	DELAWARE	1950
SALADO	1254	1699	NONE	BONE SPRING	5525
CASTILE	1699	1950	NONE		
DELAWARE	1950	5525	OIL, GAS, WATER		
BONE SPRING	5525		OIL, GAS, WATER		

32. Additional remarks (include plugging procedure):

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 #439665 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 10/16/2018 (19DW0022SE)

Name (please print) AMITHY E CRAWFORD Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 10/15/2018

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 ****