

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM114350

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM138716

8. Lease Name and Well No.  
MEDWICK 32 FEDERAL COM 1H

9. API Well No.  
30-015-44554-00-S1

10. Field and Pool, or Exploratory  
WILDCAT

11. Sec., T., R., M., or Block and Survey  
or Area Sec 32 T26S R27E Mer TXM

12. County or Parish  
CULBERSON

13. State  
TX

17. Elevations (DF, KB, RT, GL)\*  
3225 GL

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
CIMAREX ENERGY COMPANY

Contact: AMITHY E CRAWFORD  
E-Mail: acrawford@cimarex.com

3. Address 600 N MARIENFELD STE 600  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-620-1909

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Lot 4 OFSL 696FWL 31.997091 N Lat, 104.217117 W Lon  
Sec 32 T26S R27E Mer TXM

At top prod interval reported below Lot 4 330FSL 604FWL 31.997194 N Lat, 104.217186 W Lon  
Sec 29 T26S R27E Mer NMP

At total depth NWNW 332FNL 583FWL 32.019566 N Lat, 104.218681 W Lon

14. Date Spudded  
06/12/2018

15. Date T.D. Reached  
07/02/2018

16. Date Completed  
 D & A  Ready to Prod.  
09/02/2018

18. Total Depth: MD 15415 TVD 7432

19. Plug Back T.D.: MD 15378 TVD

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 J-55	48.0	0	415		500		0	166
12.250	9.625 J-55	36.0	0	1901		775		0	236
8.750	5.500 L80	17.0	0	15415		3277		0	360

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	6901	6901						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8640	15308	8640 TO 15308	0.400	1254	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8640 TO 15308	13971596 GAL SLICK WATER AND 17115480 LBS SAND

**RECEIVED**  
APR 01 2019

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
09/12/2018	09/19/2018	24	→	980.0	1930.0	2656.0	46.0		GAS EFF
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
38	723 SI	0.0	→	980	1930	2656	1969	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

**DISTRICT II-ARTESIA O.C.D.**

**ACCEPTED FOR RECORD**

**MAR 17 2019**

*Wendy W. [Signature]*

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #437747 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* BLM REVISED \*\*

*Reclamation Due: 3/2/2019*

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

32. Additional remarks (include plugging procedure):

NOTE: SHL = CULBERSON County, TEXAS  
BHL = NEW MEXICO

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 #437747 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 (19DW0023SE)

Name (please print) AMITHY E CRAWFORD Title REGULATORY ANALYST  
Signature \_\_\_\_\_ (Electronic Submission) Date 10/01/2018

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.