

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM62924

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 **CHISHOLM ENERGY OPERATING LE** Contact: **JENNIFER ELROD**
Email: **jelrod@chisholmenergy.com**

3. Address **801 CHERRY STREET SUITE 1200 UNIT 20** 3a. Phone No. (include area code)
FORT WORTH, TX 76102 Ph: **817-953-3728 Ext: 3728**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Lot 1 280FNL 1268FEL 32.521579 N Lat, 103.623968 W Lon**
At top prod interval reported below **Lot 2 665FNL 1514FEL 32.520501 N Lat, 103.624765 W Lon**
At total depth **SWSE 94FSL 1485FEL 32.500951 N Lat, 103.624643 W Lon**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No.
MINIS 1 FED COM WCA 10H

9. API Well No.
30-025-44851-00-X1

10. Field and Pool, or Exploratory
HAT MESA

11. Sec., T., R., M., or Block and Survey or Area **Sec 1 T21S R32E Mer NMP**

12. County or Parish
LEA

13. State
NM

14. Date Spudded
07/03/2019

15. Date T.D. Reached
07/27/2019

16. Date Completed
 D & A Ready to Prod.
10/21/2019

17. Elevations (DF, KB, RT, GL)*
3722 GL

18. Total Depth: **MD 18850** 19. Plug Back T.D.: **MD 18815** 20. Depth Bridge Plug Set: **MD**
TVD 11626 **TVD 11626** **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMARAY MWD 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1563		1314	395	0	0
12.250	9.625 J-55	40.0	0	5745		1717	661	0	0
8.750	5.500 P-110	20.0	0	18820		1835	662	4938	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING			11684 TO 18785	0.000	1904	OPEN
B) WOLFCAMP	11684	18785				
C)						
D)						

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

Depth Interval	Amount and Type of Material
11684 TO 18785	926 BBLs HCL + 215732 BBLs SW W/6854324# 100 MESH + 3881722# 40/70 SAND

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
10/23/2019	11/11/2019	24	→	359.0	438.0	2372.0	41.0	0.82	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64/64	SI	325.0	→	359	438	2372	1220	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		→						

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

ELECTRONIC SUBMISSION #497076 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1534	1911	ANHY	BONE SPRING	8737
CAPITAN REEF	3593	5701	DOL & LS	BONE SPRING 1ST	9734
DELAWARE	5702	8736	SS, SLTST & SH	BONE SPRING 2ND	10262
BONE SPRING	8737	9733	LS & SH	BONE SPRING 3RD	11193
BONE SPRING 1ST	9734	10261	SS, SLST, & SH	WOLFCAMP	11467
BONE SPRING 2ND	10262	11192	SS, SLTST, & SH		
BONE SPRING 3RD	11193	11466	SS, SLTST, & SH		
WOLFCAMP	11467	12822	SS, SLST, & SH		

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 #497076 Verified by the BLM Well Information System.

For CHISHOLM ENERGY OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/16/2020 (20CRW0042SE)

Name (please print) JENNIFER ELROD

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/27/2019

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #497076

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM62924	NMNM62924
Agreement:		
Operator:	CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET SUITE 1200-UNIT 20 FORT WORTH, TX 76102 Ph: 817-953-3728	CHISHOLM ENERGY OPERATING LLC 801 CHERRY STREET SUITE 1200 UNIT 20 FORT WORTH, TX 76102 Ph: 817 953 6063
Admin Contact:	JENNIFER ELROD SR. REGULATORY ANALYST E-Mail: JELROD@CHISHOLMENERGY.COM Cell: 940-452-6214 Ph: 817-953-3728	JENNIFER ELROD SR. REGULATORY ANALYST E-Mail: jelrod@chisholmenergy.com Cell: 940-452-6214 Ph: 817-953-3728 Ext: 3728
Tech Contact:	JENNIFER ELROD SR. REGULATORY ANALYST E-Mail: JELROD@CHISHOLMENERGY.COM Cell: 940-452-6214 Ph: 817-953-3728	JENNIFER ELROD SR. REGULATORY ANALYST E-Mail: jelrod@chisholmenergy.com Cell: 940-452-6214 Ph: 817-953-3728 Ext: 3728
Well Name: Number:	MINIS 1 FEDERAL COM WCA 10H	MINIS 1 FED COM WCA 10H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 1 T21S R32E Mer NMP Lot 1 280FNL 1268FEL 32.521579 N Lat, 103.623968 W Lon	NM LEA Sec 1 T21S R32E Mer NMP Lot 1 280FNL 1268FEL 32.521579 N Lat, 103.623968 W Lon
Field/Pool:	WC025G08S213201D;WOLFCAMP	HAT MESA
Logs Run:	GAMMA RAY, MWD, CBL	GAMMARAY MWD CBL
Producing Intervals - Formations:	WC025 GO8 S213201D; WOLFCAMP	BONE SPRING WOLFCAMP
Porous Zones:	RUSTLER CAPITAN DELAWARE BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING WOLFCAMP	RUSTLER CAPITAN REEF DELAWARE BONE SPRING BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP
Markers:	BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD BONE SPRING WOLFCAMP	BONE SPRING BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP