

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC CONSERVATION
ARTESIA DISTRICT

JAN 09 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM113944

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CHISHOLM ENERGY OPERATING, LLC
Contact: BETTIE WATSON
Email: bettie@watsonreg.com

8. Lease Name and Well No.
COTTONWOOD 28-32 FED 2BS 2H

3. Address 801 CHERRY ST., SUITE 1200 - UNIT 20
FORT WORTH, TX 76102

3a. Phone No. (include area code)
Ph: 817-864-1104

9. API Well No.
30-015-43692

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

Sec 28 T26S R26E Mer
At surface NWNE 150FNL 1330FWL
Sec 28 T26S R26E Mer
At top prod interval reported below NWNE 334FNL 1802FWL
Sec 33 T26S R26E Mer
At total depth Lot 3 284FSL 1936FWL

10. Field and Pool, or Exploratory
WELCH; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area Sec 28 T26S R26E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
06/28/2017

15. Date T.D. Reached
07/16/2017

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/23/2017

17. Elevations (DF, KB, RT, GL)*
3400 GL

18. Total Depth: MD 14180
TVD 6976

19. Plug Back T.D.: MD 14045
TVD 6977

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
5"-100' MD LOG & 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		410		584	138	0	
12.250	9.625 J-55	36.0		1588		428	170	0	
8.750	5.500 P-110	17.0		14180		2506	730	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	7215	13875	7215 TO 13875	0.450	1736	OPEN PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7215 TO 13875	WATER 5,143,912 GAL, SAND (PROPPANT) 9,999,362 LBS., 15% HCL 32,000 GAL

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
08/26/2017	08/27/2017	24	→	69.0	578.0	2341.0	47.2		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
43	SI	720.0	→	69	578	2341	8377	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 #389069 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

DAVID R. GLASS

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

RECLAMATION DUE:
FEB 23 2018

1/10/19AB

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
CASTILE	73		ANHY & SALT		
DELAWARE MTN GR	1707		SS, SLTST, & SH		
BONE SPRING	5297		LS & SH		
1ST BONE SPRING SS	6172		SS, SLTST, & SH		
2ND BONE SPRING SS	6677		SS, SLTST, & SH		
3RD BONE SPRING LS	7162		LS, SS, & SH		
3RD BONE SPRING SS	7992		SS, SLTST, & SH		

32. Additional remarks (include plugging procedure):

Toe perf location: Sec 33, T26S, R26E, 498' FSL & 1976' FWL

Attached: Directional Survey, Log 5"-100 - MD, CBL, Frac Detail, C102, C104

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 #389069 Verified by the BLM Well Information System.
For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 10/31/2017 ()

Name (please print) BETTIE WATSON

Title REGULATORY CONSULTANT

Signature _____ (Electronic Submission)

Date 09/19/2017

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****