

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCDUA 11 2018
DISTRICT II-ARTESIA O.C.D.

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 FORT WORTH, TX 76012
 3a. Phone No. (include area code) Ph: 817-953-3728

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: NENE 100FNL 1240FEL 32.020228 N Lat, 104.310428 W Lon
 At top prod interval reported below: NENE 360FNL 570FEL
 At total depth: Lot 1 3FSL 440FEL 32.001087 N Lat, 104.307703 W Lon

5. Lease Serial No. NMNM113944
 6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. NMNM138274
 8. Lease Name and Well No. COTTONWOOD 29 32 FED COM WCB 4H
 9. API Well No. 30-015-43705-00-S1
 10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)
 11. Sec., T., R., M., or Block and Survey or Arca Sec 29 T26S R26E Mer NMP
 12. County or Parish EDDY 13. State NM
 14. Date Spudded 11/25/2017 15. Date T.D. Reached 12/24/2017 16. Date Completed D & A Ready to Prod. 03/10/2018
 17. Elevations (DF, KB, RT, GL)* 3421 GL
 18. Total Depth: MD 16412 TVD 9082 19. Plug Back T.D.: MD 16391 TVD 9084 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR(TVD MD); ANNULARVOLU
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Lincr 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 H-40	48.0	0	420		450	108	0	0
12.250	9.625 L-80	40.0	0	7506		2110	602	0	0
8.750	5.500 P-110	20.0	0	16397		2805	823	5700	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) WOLFCAMP	9910	16341	9700 TO 16341	0.450	1792	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Matrcial
9700 TO 16341	FRAC W/1987 BBLs HCI + 211509* BBLs SW W/5456148# 100 MESH + 3473260# 20/40 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
03/16/2018	04/05/2018	24	→	132.0	8877.0	2866.0	55.0		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI	1700.0	→	132	8877	2866	67250	PCSA	

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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD
 JUN 30 2018
 Bureau of Land Management
 CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #421010 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED **

Reclamation Due: 9/16/2018

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
					Mcas. Depth
CASTILE	103		ANHY & SLT		
DELAWARE	1773		SS, SLTST, & SH		
BONE SPRING	5363		LS & SH		
BONE SPRING 1ST	6238		SS, SLTST, & SH		
BONE SPRING 2ND	6743		SS, SLTST, & SH		
WOLFCAMP	8407		SLTST, LS, & SH		

32. Additional remarks (include plugging procedure):
2/12/18-CBL ran west TOC @ 5700'

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 #421010 Verified by the BLM Well Information System.
For CHISHOLM ENERGY OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/25/2018 (18DW0161SE)**

Name (please print) JENNIFER ELROD

Title SR REGULATORY TECH

Signature _____ (Electronic Submission)

Date 05/22/2018

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 ****