

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM113944	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CHISHOLM ENERGY OPERATING LEO		7. Unit or CA Agreement Name and No. NMNM138274	
Contact: JENNIFER ELROD Email: JELROD@CHISHOLMENERGY.COM		8. Lease Name and Well No. COTTONWOOD 29 32 FED COM WCB 4H	
3. Address 801 CHERRY STREET FORT WORTH, TX 76012		9. API Well No. 30-015-43705-00-S1	
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 Sec 29 T26S R26E Mer NMP At top prod interval reported below NENE 360FNL 570FEL Sec 32 T26S R26E Mer NMP At total depth Lot 1 3FSL 440FEL 32.001087 N Lat, 104.307703 W Lon		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 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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

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 Material
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	PCW	

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	
			→						

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 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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 w/est 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 ELRODTitle 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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****