

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

OCD Artesia

JUN 13 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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other <input type="checkbox"/> DISTRICT II-ARTESIA O.C.D.		6. If Indian, Allottee or Tribe Name	
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		7. Unit or CA Agreement Name and No. NMNM137971	
2. Name of Operator CHISHOLM ENERGY OPERATING LEO Contact: JENNIFER ELROD Email: JELROD@CHISHOLMENERGY.COM		8. Lease Name and Well No. COTTONWOOD 28 33 FED COM WCA 3H	
3. Address 801 CHERRY STREET FORT WORTH, TX 76012		9. API Well No. 30-015-43687-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE 200FSL 1030FEL 32.021029 N Lat, 104.292597 W Lon Sec 21 T26S R26E Mer NMP At top prod interval reported below NWSE 330FNL 1584FWL Sec 28 T26S R26E Mer NMP At total depth Lot 2- 330FSL 1584FEL		10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)	
14. Date Spudded 09/19/2017		15. Date T.D. Reached 10/18/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/04/2018		17. Elevations (DF, KB, RT, GL)* 3384 GL	
18. Total Depth: MD 13710 TVD 6685		19. Plug Back T.D.: MD 13560 TVD 6686	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, GAMMARAY	
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 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	419		575	138	0	0
12.250	9.625 J-55	40.0	0	5384		1715		0	0
8.750	5.500 P-110	20.0	0	15780		2570	768	0	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)
2.875	8200	8200						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9057	15747	9057 TO 15747	45.000	1792	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9057 TO 15747	HCI 762 BBLs HCI & 135,979 BBL SW W/6,433,139# 100 MESH + 3,635,316# 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
01/16/2018	01/31/2018	24	→	349.0	1592.0	3217.0	49.0	0.80	GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 860	1250.0	→	349	1592	3217	4561	PGW	

## 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			→						

ACCEPTED FOR RECORD

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

ELECTRONIC SUBMISSION #410599 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED OFFICE

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Reclamation Due: 7/4/2018

## 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
					Meas. Depth
CASTILE	48		ANHY & SALT	DELAWARE	1778
DELAWARE	1778		SS, SLTST, & SH	BONE SPRING	5364
BONE SPRING	5364		LS & SH	BONE SPRING 1ST	6259
BONE SPRING 1ST	6259		SS, SLTST, & SH	BONE SPRING 2ND	6487
BONE SPRING 2ND	6785		SS, SLTST, & SH	BONE SPRING 3RD	7220
BONE SPRING 3RD	7220		LS, SS, & SH	WOLFCAMP	8409
WOLFCAMP	8409				

## 32. Additional remarks (include plugging procedure):

KJD:AIUDKMN;AVKHKALFMDN; LAJDKF;A AKLF;DJFDMA;VLKJA;KLJA;DIFJ AMVDLK;A, MV;KAMV;AOIMNF  
KANMVPAL MVKAMC VPOAIMDFKAL;MDF,L;DAMVL;ADMVDALMC;VAMDPOFIMAVLKA DMKVALOJDFKAM VAOMDKVPA  
DFNA KDVMN;AKLMVAOIMDFAPD "BCW"

01/16 - 2/16/18 FLOWING.  
2/17/18 GAS LIFT.

## 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 #410599 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 04/09/2018 (18DW0123SE)

Name (please print) JENNIFER ELROD

Title SR REGULATORY TECH

Signature (Electronic Submission)

Date 04/06/2018

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 \*\* REVISED \*\***

**Additional data for transaction #410599 that would not fit on the form**

**32. Additional remarks, continued**

PILOT HOLE:

Plug set 7,900'-8,749' - 335 SXS cmt (71 bbls.)