

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0960471a. 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 LEO
Contact: JENNIFER ELROD
Email: jelrod@chisholmenergy.com8. Lease Name and Well No.
BLACK RIVER 3-10 FED COM WCA 4H3. Address 801 CHERRY STREET
FORT WORTH, TX 760123a. Phone No. (include area code)
Ph: 817-953-37289. API Well No.
30-015-44971-00-S14. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 3 T24S R26E Mer NMP
At surface Lot 3 150FNL 2430FWL 32.253097 N Lat, 104.281706 W Lon
Sec 3 T24S R26E Mer NMP
At top prod interval reported below Lot 3 429FNL 2313FWL 32.252330 N Lat, 104.282063 W Lon
Sec 10 T24S R26E Mer NMP
At total depth SESW 330FSL 2202FWL 32.225902 N Lat, 104.282351 W Lon10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T24S R26E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
06/24/201815. Date T.D. Reached
07/16/201816. Date Completed
☐ D & A ☒ Ready to Prod.
08/29/201817. Elevations (DF, KB, RT, GL)*
3325 GL18. Total Depth: MD 18360
TVD 862619. Plug Back T.D.: MD 18320
TVD 162620. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MWD CBL GAMMA22. 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	463		450	121	0	
12.250	9.625 J-55	40.0	0	2185		834	307	0	
8.750	5.500 P-110	20.0	0	18341		3506	912	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	8675	18305	8675 TO 18305	0.450	2576	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8675 TO 18305	1153 BBLS HCL + 278515 BBLS SW W/9287620# 100 MESH + 5239659# 20/40 SAND

NOV 28 2018

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
09/08/2018	09/27/2018	24	→	765.0	2065.0	3098.0	48.0	0.80	DISTRICT II-ARTESIA O.C.D.
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
45/65'	SI 0	1110.0	→	765	2065	3098	2699	FGW	
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

NOV 17 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #440584 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 2/29/2019

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
DELAWARE	1992	5356	SS, SLTST, & SH	BONE SPRING	5356
BONE SPRING	5356	6273	LS & SH	WOLFCAMP	8607
BONE SPRING 1ST	6273	6662	SS, SLTST, & SH		
BONE SPRING 2ND	6662	8268	SS, SLTST, & SH		
BONE SPRING 3RD	8268	8607	SS, SLTST, & SH		
WOLFCAMP	8607	8671	SLTST, LS, & SH		

32. Additional remarks (include plugging procedure):
CESSATION OF FLARE 09/28/2018, CONNECTED TO PIPE

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 #440584 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 10/23/2018 (19DW0040SE)

Name (please print) JENNIFER ELROD

Title SENIOR REGULATORY TECH

Signature (Electronic Submission)

Date 10/22/2018

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 ****

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44971	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 321439	⁵ Property Name BLACK RIVER 3-10 FED COM WCA	
⁷ OGRID No. 372137	⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC	⁶ Well Number 4H ⁹ Elevation 3325

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	3	24S	26E		150	NORTH	2430	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	10	24S	26E		330	SOUTH	2200	WEST	EDDY

¹² Dedicated Acres 638.16	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>Map details: Lot 3 and Lot 10 are shown. Lot 3 is in Section 3, Township 24S, Range 26E. Lot 10 is in Section 10, Township 24S, Range 26E. The map includes various survey points and coordinates, including KOP, TOP PERF, TOE PERF, and BHL. The surface location is at LAT 32.253097, LONG -104.281706. The bottom hole location is at LAT 32.225902, LONG -104.282351.</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jennifer Elrod</i> 8/30/2018 Signature Date</p> <p>JENNIFER ELROD Printed Name</p> <p>jelrod@chisholmenergy.com E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>
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Intent ☐ As Drilled ☒

API # 30-025-44971		
Operator Name: CHISHOLM ENERGY OPERATING, LLC	Property Name: BLACK RIVER 3-10 FED COM WCA	Well Number 4H

Kick Off Point (KOP)

UL	Section 3	Township 24S	Range 26E	Lot	Feet 212	From N/S NORTH	Feet 2412	From E/W WEST	County EDDY
Latitude 32.252931					Longitude --104.281737			NAD 83	

First Take Point (FTP)

UL	Section 3	Township 24S	Range 26E	Lot	Feet 429	From N/S NORTH	Feet 2313	From E/W WEST	County EDDY
Latitude 32.25233					Longitude -104.282063			NAD 83	

Last Take Point (LTP)

UL N	Section 10	Township 24S	Range 26E	Lot	Feet 379	From N/S SOUTH	Feet 2205	From E/W WEST	County EDDY
Latitude 32.226053					Longitude -104.282346			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ yes

Is this well an infill well? ☐ no

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018