

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102		² OGRID Number 372137
		³ Reason for Filing Code/ Effective Date NW - 03/16/2018
⁴ API Number 30 - 015-43703	⁵ Pool Name PURPLE SAGE; WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code 320659	⁸ Property Name COTTONWOOD 29-32 FED COM WCA	⁹ Well Number 3H

II. 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
A	29	26S	26E		100	NORTH	1300	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	32	26S	26E		330	SOUTH	440	EAST	EDDY

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 03/16/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
311333	BRIDGER TRUCKING	O
371960	LUCID ENERGY DELAWARE, LLC 310 McKINNON ST., #800 DALLAS, TX 75201	G

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IV. Well Completion Data

²¹ Spud Date 12/27/17	²² Ready Date 03/11/2018	²³ TD 14841/8168	²⁴ PBTD 14821	²⁵ Perforations 8940-14790	²⁶ DHC, MC
²⁷ Hole Size 17.5"	²⁸ Casing & Tubing Size 13.375"	²⁹ Depth Set 456'	³⁰ Sacks Cement 450		
12.5"	9.625"	7444'	2260 2880		
8.75"	5.5"	14825'	3040		

V. Well Test Data

³¹ Date New Oil 03/16/2018	³² Gas Delivery Date 03/16/2018	³³ Test Date 04/01/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure -	³⁶ Csg. Pressure 800
³⁷ Choke Size 33/64	³⁸ Oil 524	³⁹ Water 3340	⁴⁰ Gas 1305	⁴¹ Test Method F	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Jennifer Elrod

Printed name:
JENNIFER ELROD

Title:
SR. REGULATORY TECH

E-mail Address:
JELROD@CHISHOLMENERGY.COM

Date:
05/22/2018

Phone:
817-953-3728

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will
subsequently be reviewed
and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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: JENNIFER ELROD
Email: JELROD@CHISHOLMENERGY.COM

8. Lease Name and Well No.
COTTONWOOD 29-32 FED COM WCA 3H

3. Address 801 CHERRY STREET, SUITE 1200-UNIT 20
FORT WORTH, TX 76102
3a. Phone No. (include area code)
Ph: 817-953-3728

9. API Well No.
30-015-43703

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE Lot A 100FNL 1300FEL 32.020228 N Lat, 104.310622 W Lon
Sec 29 T26S R26E Mer
At top prod interval reported below NENE 360FNL 515FEL
Sec 32 T26S R26E Mer
At total depth SESE Lot 1 1210FSL 370FEL 32.003416 N Lat, 104.307490 W Lon

10. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP

11. Sec., T., R., M., or Block and Survey
or Area Sec 29 T26S R26E Mer

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
12/18/2017
15. Date T.D. Reached
02/01/2018
16. Date Completed
☐ D & A ☒ Ready to Prod.
03/10/2018

17. Elevations (DF, KB, RT, GL)*
3421 GL

18. Total Depth: MD 14841
TVD 8168
19. Plug Back T.D.: MD 14821
TVD 8168
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR (TVD & MD); RADIAL BOND LOG

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 L-80	48.0	0	456		450	108	0	0
12.250	9.625 L-80	40.0	0	7445		2110	787	1416	0
8.750	5.500 P-110	20.0	0	14825		3040	846	2500	

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	8940	14790	8940 TO 14790	0.450	1456	OPEN
B)						
C)						
D)						

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

**NM OIL CONSERVATION
ARTESIA DISTRICT**

Depth Interval	Amount and Type of Material
8940 TO 14790	FRAC W/669 BBLs HCl + 126858 BBLs SW W/5614513# 100 MESH + 3233500# 20/40 SAND

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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	04/01/2018	24	→	524.0	1305.0	3340.0	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	
33/64	SI	800.0	→	524	1305	3340	2490	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well St	
	SI		→						

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #419467 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	43		ANHY & SLT		
DELAWARE MTN GR	1748		SS, SLTST, & SH		
BONE SPRING	5230		LS & SH		
1ST BONE SPRING SS	1093		SS, SLTST, & SH		
WOLFCAMP	8183		SLTST, LS, & SH		
WOLFCAMP "X" SS	8215		SS & SH		
WOLFCAMP "Y" SS	8296		SS & SH		
WOLFCAMP "B"	8703		SS & SH		

32. Additional remarks (include plugging procedure):

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 #419467 Verified by the BLM Well Information System.
For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad

Name (please print) JENNIFER ELROD

Title SR REGULATORY TECH

Signature (Electronic Submission)

Date 05/09/2018

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.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM113944

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
COTTONWOOD 29-32 FED COM WCA 3H

2. Name of Operator **CHISHOLM ENERGY OPERATING, LLC** Contact: **JENNIFER ELROD**
Email: **jelrod@chisholmenergy.com**

9. API Well No.
30-015-43703

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

3b. Phone No. (include area code)
Ph: **817-953-3728**

10. Field and Pool or Exploratory Area
PURPLE SAGE; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**Sec 29 T26S R26E Mer NMP NENE 100FNL 1300FEL
32.202282 N Lat, 104.310621 W Lon**

11. County or Parish, State
EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the site is determined that the site is ready for final inspection.

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ARTESIA DISTRICT**

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COMPLETIONS OPERATIONS SUNDRY

02/09/2018-RUN CBL FROM 2000'-8179'; EST TOC @ 2500

02/12/2018-SET PLUG @ 14805'; PRESSURE TEST CSG TO 9650 PSI, 30 MIN, GOOD TEST

02/13/2018-02/24/2018-COMPLETIONS OPERATIONS; PERFORATE 8940'-14790'; FRAC W/669 BBLS HCI+126858 BBLS SW W/5614513# 100 MESH + 3233500# 20/40 SAND.

03/01-03/04/2018-DRILLOUT

03/10/2018-INSTALL PRODUCTION TREE

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #419473 verified by the BLM Well Information System
For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad**

Name (Printed/Typed) **JENNIFER ELROD**

Title **SR. REGULATORY TECH**

Signature (Electronic Submission)

Date **05/09/2018**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

Pending BLM approvals will
subsequently be reviewed
and scanned



ited

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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

Additional data for EC transaction #419473 that would not fit on the form

32. Additional remarks, continued

03/16/2018-1ST PRODUCTION