

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**

<sup>1</sup> Operator name and Address CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102		<sup>2</sup> OGRID Number 372137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW - 03/16/2018
<sup>4</sup> API Number 30 - 015-43705	<sup>5</sup> Pool Name PURPLE SAGE; WOLFCAMP	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code 320858	<sup>8</sup> Property Name COTTONWOOD 29-32 FED COM WCB	<sup>9</sup> Well Number 4H

**II. <sup>10</sup> 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	1240	EAST	EDDY

**III. <sup>11</sup> 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
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 03/16/2018	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
311333	BRIDGER TRUCKING	O
371960	LUCID ENERGY DELAWARE, LLC 310 MCKINNON ST., #800 DALLAS, TX 75201	G
	NM OIL CONSERVATION ARTESIA DISTRICT	
	MAY 22 2018	

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**IV. Well Completion Data**

<sup>21</sup> Spud Date 11/26/17	<sup>22</sup> Ready Date 03/12/2018	<sup>23</sup> TD 16412	<sup>24</sup> PBTD 16391	<sup>25</sup> Perforations 9700-16341	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size 17.5"	<sup>28</sup> Casing & Tubing Size 13.375"	<sup>29</sup> Depth Set 420'	<sup>30</sup> Sacks Cement 450		
12.5"	9.625"	7506	2730		
8.75"	5.5"	16397	3005	2805	

**V. Well Test Data**

<sup>31</sup> Date New Oil 03/20/2018	<sup>32</sup> Gas Delivery Date 03/16/2018	<sup>33</sup> Test Date 04/05/2018	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 0	<sup>36</sup> Csg. Pressure 1700
<sup>37</sup> Choke Size 48/64	<sup>38</sup> Oil 132	<sup>39</sup> Water 2866	<sup>40</sup> Gas 8877	<sup>41</sup> Test Method F	

<sup>42</sup> 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:

*Rusty Allen*  
Business Ops Spec A  
5.25.2018

Pending BLM approvals will  
subsequently be reviewed  
and scanned

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**MAY 22 2018**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

5. Lease Serial No.  
NMMN113944

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
COTTONWOOD 29-32 FED COM WCB 4H

9. API Well No.  
30-015-43705

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

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

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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, LLC  
Contact: JENNIFER ELROD  
Email: JELROD@CHISHOLMENERGY.COM

3. Address 801 CHERRY STREET, SUITE 1200-UNIT 20  
FORT WORTH, TX 76102

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\* **R-14670**  
At surface NENE Lot A 100FNL 1240FEL 32.020228 N Lat, 104.310428 W Lon  
Sec 29 T26S R26E Mer  
At top prod interval reported below NENE 360FNL 570FEL  
Sec 32 T26S R26E Mer  
At total depth SESE Lot 1 3FSL 440FEL 32.001087 N Lat, 104.307703 W Lon

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

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); ANNULAR VOLUME; POROSITY; LATERLOG; SONIC;

**23. Casing and Liner Record (Report all strings set in well)**

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement 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		<b>2730 2148</b>	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. 1700.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI	1700.0	→	132	8877	2866	67250	PGW	

**28a. Production - Interval B**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will  
subsequently be reviewed  
and scanned

**5-25-2018**

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

ELECTRONIC SUBMISSION #421010 VERIFIED BY THE BLM WELL INFORMATION SY

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

**OPERATOR-SUBMITTED \*\***

## 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	103		ANHY & SLT		
DELAWARE MTN GR	1773		SS, SLTST, & SH		
BONE SPRING	5363		LS & SH		
1ST BONE SPRING SS	6238		SS, SLTST, & SH		
2ND BONE SPRING SS	6743		SS, SLTST, & SH		
WOLFCAMP	8407		SLTST, LS, & SH		
WOLFCAMP "X"	8435		SS & SH		
WOLFCAMP "B"	8938		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

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION  
ARTESIA DISTRICT

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

**SUNDRY NOTICES AND REPORTS ON WELLS** MAY 22 2018  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

RECEIVED

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM113944
2. Name of Operator CHISHOLM ENERGY OPERATING, LLC Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 801 CHERRY ST., SUITE 1200 - UNIT 20 FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 817-953-3728	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T26S R26E Mer NMP NENE 100FNL 1240FEL 32.020228 N Lat, 104.310428 W Lon		8. Well Name and No. COTTONWOOD 29-32 FED COM WCB 4H
		9. API Well No. 30-015-43705
		10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP
		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 recompleat 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 operator has determined that the site is ready for final inspection.

\*\*\*TUBING EXCEPTION\*\*\*

REQUESTING TUBING EXCEPTION IN ORDER TO ALLOW POST-FRACTURE PRESSURE TO DECLINE, WELL TO CLEAN UP AND ALLOW FOR SAFELY RUNNING TUBING.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #421007 verified by the BLM Well Information System For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad</b>	
Name (Printed/Typed) JENNIFER ELROD	Title SR. REGULATORY TECH
Signature (Electronic Submission)	Date 05/22/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Ti _____	Date _____
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.		
Off _____		

Pending BLM approvals will  
subsequently be reviewed  
and scanned

5-25-2018

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

(Instructions on page 2)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION  
ARTESIA DISTRICTFORM 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.*MAY 22 2018  
RECEIVED**SUBMIT IN TRIPLICATE - Other instructions on page 2**5. Lease Serial No.  
NMNM113944

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
COTTONWOOD 29-32 FED COM WCB 4H9. API Well No.  
30-015-4370510. Field and Pool or Exploratory Area  
PURPLE SAGE; WOLFCAMP11. County or Parish, State  
EDDY COUNTY, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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02/09/2018-RUN CBL FROM 2000'-8179'; EST TOC @ 5700

02/12/2018-SET PLUG @ 14805'; PRESSURE TEST CSG TO 9905 PSI, 30 MIN, GOOD TEST

02/14/2018-02/25/2018-COMPLETIONS OPERATIONS; PERFORATE 9700'-16341'; FRAC W/1987 BBLS HCI+211509 BBLS SW W/5456148# 100 MESH + 3473260# 20/40 SAND.

03/05-03/08/2018-DRILLOUT

03/10/2018-INSTALL PRODUCTION TREE

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

Electronic Submission #421015 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 05/22/2018

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_

Title

Pending BLM approvals will  
subsequently be reviewed  
and scanned

ate

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.

Office

5-25-2018

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(Instructions on page 2)

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

**Additional data for EC transaction #421015 that would not fit on the form**

**32. Additional remarks, continued**

03/16/2018-1ST PRODUCTION