

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 - 01/16/2018
<sup>4</sup> API Number 30 - 0 15-43690	<sup>5</sup> Pool Name PURPLE SAGE; WOLFCAMP	<sup>6</sup> Pool Code 98220
<sup>7</sup> Property Code	<sup>8</sup> Property Name COTTONWOOD 28-33 FED COM WCA	<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
P	21	26S	26E		200	SOUTH	40 970	EAST	EDDY

**<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	33	26S	26E		340	SOUTH	565	EAST	EDDY

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code GL	<sup>14</sup> Gas Connection Date 01/16/18	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**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	
<b>NM OIL CONSERVATION ARTESIA DISTRICT</b>		
MAR 20 2018		

**RECEIVED**

**IV. Well Completion Data**

<sup>21</sup> Spud Date 10/15/17	<sup>22</sup> Ready Date 01/04/2018	<sup>23</sup> TD 15744 / 16373	<sup>24</sup> PBDT 15730	<sup>25</sup> Perforations 9010'-15700'	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.5"	13.375"	454'	870		
12.5"	9.625"	7780'	2745		
8.75"	5.5"	15734'	2625		

**V. Well Test Data**

<sup>31</sup> Date New Oil 01/16/2018	<sup>32</sup> Gas Delivery Date 01/16/2018	<sup>33</sup> Test Date 02/01/2018	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 600	<sup>36</sup> Csg. Pressure 250
<sup>37</sup> Choke Size 48/64	<sup>38</sup> Oil 538	<sup>39</sup> Water 3323	<sup>40</sup> Gas 900	<sup>41</sup> Test Method FLOWING	

<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: <i>Jennifer Elrod</i> Printed name: JENNIFER ELROD Title: SR. REGULATORY TECH E-mail Address: JELROD@CHISHOLMENERGY.COM Date: 03/20/2018	OIL CONSERVATION DIVISION
	Approved by: <i>Raymond H. Podany</i>
	Title: <i>Geology St.</i>
	Approval Date: <i>4-2-2018</i>
	Phone: 817-953-3728

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**NM OIL CONSERVATION  
ARTESIA DISTRICT**

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**MAR 20 2018**

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, LLC Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com		7. Unit or CA Agreement Name and No.	
3. Address 801 CHERRY STREET, SUITE 1200 - UNIT 20 FORT WORTH, TX 76102		8. Lease Name and Well No. COTTONWOOD 28-33 FED COM WCA 4H	
3a. Phone No. (include area code) Ph: 817-953-3728		9. API Well No. 30-015-43690	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE Lot P 200FSL 970FEL 32.021029 N Lat, 104.292404 W Lon Sec 21 T26S R26E Mer At top prod interval reported below 356FNL 540FEL Sec 28 T26S R26E Mer At total depth SESE Lot L-1 340FSL 565FEL 32.001030 N Lat, 104.290821 W Lon Sec 33 T26S R26E Mer		10. Field and Pool, or Exploratory PURPLE SAGE;WOLFCAMP	
14. Date Spudded 10/16/2017		15. Date T.D. Reached 11/18/2017	
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 15744 TVD 8373		19. Plug Back T.D.: MD 15730 TVD 8373	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL; GAMMA RAY	
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	454		575		0	0
12.250	9.675 J-55	40.0	0	7780		2745		0	0
8.750	5.500 P-110	20.0	0	15734		2625		6780	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
PURPLE SAGE;WOLFCAMP	9010	15700	9010 TO 15700	45.000	1792	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9010 TO 15700	FRAC W/770 BBLs HCl + 135,344 BBL SW, W/6,451,367# 100 MESH + 3,672,295# 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	02/01/2018	24	→	538.0	900.0	3323.0	49.0	0.84	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 600	250.0	→	538	900	3323	1672	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		→						

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #408579 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

sc 4-2-18

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
CASTLE	48		ANHY & SALT		
DELAWARE	1563		SS, SLTST, & SH		
BONE SPRING	5093		LS & SH		
1ST BONE SPRING SS	5948		SS, SLTST, & SH		
2ND BONE SPRING SS	6438		SS, SLTST, & SH		
3RD BONE SPRING LS	6878		LS, SS, & SH		
3RD BONE SPRING SS	7673		SS, SLTST, & SH		

32. Additional remarks (include plugging procedure):

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

01/16 - 2/16/18 FLOWING.  
02/17/18 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 #408579 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 03/20/2018

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 \*\*

**Additional data for transaction #408579 that would not fit on the form**

**32. Additional remarks, continued**

**PILOT HOLE:**

10/31/17 Drill Pilot Hole to 11,000'MD.

11/01 - 13/17 Ran Quad Combo, Triple Combo, & Cores.

11/03/17 Contacted Chase @ BLM regarding cmnt plugs.

11/04/17 pump 195 SXS (41 bbls) class H CMNT w/1.18 yield from 10,993'-10,033'; WOC; Tag  
cmnt 10,160'; pump 235 SXS (49 bbls) Class H cmnt; 1.18 yield from 8,500'-7,900'; WOC;

tag cmnt @ 8,238'.

11/05/17 Trip in hole w/whipstock @ 7,840' set anchors.

11/06/17 Drill Prod Hole.

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 28-33 FED COM WCA 4H

2. Name of Operator  
CHISHOLM ENERGY HOLDINGS LLC-Mail: jelrod@chisholmenergy.com  
Contact: JENNIFER ELROD

9. API Well No.  
30-015-43690

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 21 T26S R26E Mer NMP SESE 200FSL 970FEL  
32.021028 N Lat, 104.292403 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 Drilling Operations
	<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.

BCW

**COMPLETION:**

11/28/17 Run CBL Est TOC @ 6780'  
11/29/17 Set Plug @ 15,715' Test Csg to 9,980' for 30 min, good test; Perforate 1st stage 15,700'-15,520'.  
12/21 - 26/17 Completions Operations Perf 15,490'-9,010'; Frac all 32 stages w/ 770 bbls HCl + 135344 bbls sw w/3672295# 20/40 + 6451367# 100 Mesh  
1/29/17 - 1/03/18 Drill Out  
1/04/18 Turn to Flowback  
  
1/16/18 First Oil

**NM OIL CONSERVATION  
ARTESIA DISTRICT**

MAR 20 2018

**RECEIVED**

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

**Electronic Submission #406610 verified by the BLM Well Information System  
For CHISHOLM ENERGY HOLDINGS LLC, sent to the Carlsbad**

Name (Printed/Typed) JENNIFER ELROD

Title SENIOR REGULATORY TECH

Signature (Electronic Submission)

Date 03/05/2018

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

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

Title \_\_\_\_\_

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 \_\_\_\_\_

Pending BLM approvals will subsequently be reviewed and scanned

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 #406610 that would not fit on the form**

**32. Additional remarks, continued**

1/16/18 First Gas

2/04 - 07/18 Run 2-7/8" tbg Set @ 8,200'; 12 Gas Lift valves from 1,762-8,167'

2/07/18 Turned over to production

2/17/18 Gas Lift

**PILOT HOLE;**

10/31/17 Drill to 11,000' MD

11/01/17 Ran Quad Combo log

11/02/17 Ran Triple Combo log

11/03/17 Run Cores; Talked to Chase @ BLM regarding setting cmnt plugs.

11/04/17 Pump 195 SXS (41 bbls) Class H Cmnt w/1.18 yield from 10,993'-10,033'; WOC - Tag cmnt @

10,160'; Pump 235 SXS (49bbls) Class H cmnt @ 1.18 yield from 8,500'-7,900'; WOC - Tag Cmnt @

8,238'; Trip in hole w/Whipstock.

11/05/17 Trip in hole w/Whipstock 7,840' set anchors.

11/06/17 Drill production hole.