

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

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

Submit one copy to appropriate District Office

Form C-104  
Revised August 1, 2011

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Chisholm Energy Operating, LLC 801 Cherry St., Suite 1200-Unit 20 Fort Worth, Texas 76102		<sup>2</sup> OGRID Number 372137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW-07/10/2018
<sup>4</sup> API Number 30 - 015-44648	<sup>5</sup> Pool Name Welch; Bone Spring	<sup>6</sup> Pool Code 64010
<sup>7</sup> Property Code 317877	<sup>8</sup> Property Name Cottonwood 28-33 Fed 2BS	<sup>9</sup> Well Number 5H

**II. <sup>10</sup> Surface Location**

UL or lot no. P	Section 21	Township 26S	Range 26E	Lot Idn	Feet from the 100	North/South Line SOUTH	Feet from the 1065	East/West line EAST	County EDDY
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**<sup>11</sup> Bottom Hole Location**

UL or lot no. 2	Section 33	Township 26S	Range 26E	Lot Idn	Feet from the 613	North/South line SOUTH	Feet from the 2523	East/West line EAST	County EDDY
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P-Gas Lift	<sup>14</sup> Gas Connection Date 07/16/2018	<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
31133	BRIDGER TRUCKING	O
371960	LUCID ENERGY DELAWARE, LLC 310 McKINNON ST., #800 DALLAS, TX 75201	G
NM OIL CONSERVATION ARTESIA DISTRICT		
AUG 16 2018		

RECEIVED

**IV. Well Completion Data**

<sup>21</sup> Spud Date 02/09/2018	<sup>22</sup> Ready Date 07/05/2018	<sup>23</sup> TD 7065 14657/7064'	<sup>24</sup> PBDT 14611/7061'	<sup>25</sup> Perforations 14450'-8180'	<sup>26</sup> DHC, MC N/A
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2	13-3/8	420'	400		
12-1/4	9-5/8	1643	500		
8-3/4	5-1/2	14610'	2840		
2 7/8		7095			

**V. Well Test Data**

<sup>31</sup> Date New Oil 07/10/2018	<sup>32</sup> Gas Delivery Date 07/10/2018	<sup>33</sup> Test Date 07/25/2018	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 280	<sup>36</sup> Csg. Pressure 1090
<sup>37</sup> Choke Size 48/64	<sup>38</sup> Oil 394	<sup>39</sup> Water 1668	<sup>40</sup> Gas 1884		<sup>41</sup> Test Method Gas Lift

<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: 08/16/2018

Phone: 817-953-3728

OIL CONSERVATION DIVISION  
Approved by: *Rustyn Klein*  
Title: *Business Manager A*  
Approval Date: *8-16-2018*

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

**AUG 16 2018**

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

**WELL COMPLETION OR RECOMPLETION REPORT**

5. Lease Serial No.  
NMNM113944

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			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.		
2. Name of Operator CHISHOLM ENERGY OPERATING, L.P. Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com			8. Lease Name and Well No. COTTONWOOD 28-33 FED 2BS 5H		
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. 30-015-44648		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T26S R26E Mer NMP At surface SESE 100FSL 1065FEL 32.020757 N Lat, 104.292712 W Lon Sec 28 T26S R26E Mer NMP At top prod interval reported below NWN 344FNL 2459FEL 32.019536 N Lat, 104.297156 W Lon Sec 33 T26S R26E Mer NMP At total depth Lot 2 613FSL 2523FEL 32.001764 N Lat, 104.297214 W Lon			10. Field and Pool, or Exploratory WELCH, BONE SPRING		
			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T26S R26E Mer NMP		
			12. County or Parish EDDY	13. State NM	
14. Date Spudded 02/09/2018	15. Date T.D. Reached 03/13/2018	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/05/2018	17. Elevations (DF, KB, RT, GL)* 3384 GL		
18. Total Depth: MD 14657 TVD 7064	19. Plug Back T.D.: MD 14611 TVD 7061	20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA,CBL			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	13.325 J-55	48.0	0	420		400	175	0	
12.250	9.625 J-55	36.0	0	1643		500	409	0	
8.750	5.500 P-110	17.0	0	14610		2840	1145	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	7095							

**25. Producing Intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WELCH, BONE SPRING	8180	14450	8180 TO 14450	3.130	1680	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8180 TO 14450	791 BBLs HCL + 126219 BBLs WS W/5933650# 100 MESH + 5494404# 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
07/10/2018	07/25/2018	24	→	394.0	1884.0	1668.0	50.0	0.77	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	280 0	1090.0	→	394	1884	1668	4782	POW	

**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 Sta.	
			→						

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

ELECTRONIC SUBMISSION #430823 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will  
subsequently be reviewed  
and scanned

*8-16-18*

## 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
CASTILE DELAWARE BONE SPRING 1ST BONE SPING SS 2ND BONE SPRING SS	41 1741 5327 6221 6476		ANHY & SALT SS, SLTST, & SH LS & SH SS, SLTST, & SH SS, SLTST, & SH	BONE SPRING 1ST BONE SPRING SS 2ND BONE SPRING SS	5327 6221 6746

32. Additional remarks (include plugging procedure):  
PERFORATIONS-3 1/8", 56 HOLES/STAGE, 30 STAGES

## 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 #430823 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 08/13/2018

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 \*\***