

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 St., Suite 1200-Unit 20 Fort Worth, Texas 76102		<sup>2</sup> OGRID Number 372137
<sup>4</sup> API Number 30 - 015-44649		<sup>5</sup> Pool Name Welch; Bone Spring
<sup>7</sup> Property Code 320668 <b>317877</b>		<sup>8</sup> Property Name Cottonwood 28-33 Fed 2BS
<sup>6</sup> Pool Code 64010		<sup>9</sup> Well Number 6H

**II. 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 1035	East/West line EAST	County EDDY
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**Bottom Hole Location**

UL or lot no. 2	Section 33	Township 26S	Range 26E	Lot Idn	Feet from the 335	North/South line SOUTH	Feet from the 1468	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 07/12/2018	<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 03/18/2018	<sup>22</sup> Ready Date 07/05/2018	<sup>23</sup> TD 14267'7130'	<sup>24</sup> PBDT 14239'7130'	<sup>25</sup> Perforations 14210'-7520'	<sup>26</sup> DHC, MC N/A
<sup>27</sup> Hole Size 17-1/2	<sup>28</sup> Casing & Tubing Size 13-3/8	<sup>29</sup> Depth Set 420'	<sup>30</sup> Sacks Cement 445		
12-1/4	9-5/8	1630	550		
8-3/4	5-1/2	14218'	2635		
<b>27/8</b>		<b>7295</b>			

**V. Well Test Data**

<sup>31</sup> Date New Oil 07/09/2018	<sup>32</sup> Gas Delivery Date 07/12/2018	<sup>33</sup> Test Date 07/28/2018	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 180	<sup>36</sup> Csg. Pressure 1100
<sup>37</sup> Choke Size 48/64	<sup>38</sup> Oil 416	<sup>39</sup> Water <b>3273 1679</b>	<sup>40</sup> Gas 1403		<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:

Title:

Approval Date:

*[Signature]*  
Business Manager A  
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 AND LOG

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. NMNM138389	
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 6H	
3. Address 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102		9. API Well No. 30-015-44649	
3a. Phone No. (include area code) Ph: 817-953-3728			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T26S R26E Mer NMP At surface SESE 100FSL 1035FEL 32.020758 N Lat, 104.292615 W Lon Sec 28 T26S R26E Mer NMP At top prod interval reported below NVNE 345FNL 1429FEL 32.019529 N Lat, 104.293835 W Lon Sec 33 T26S R26E Mer NMP At total depth Lot 2 335FSL 1468FEL 32.000997 N Lat, 104.293810 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 03/18/2018		15. Date T.D. Reached 04/08/2018	
		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 14267 TVD 7130		19. Plug Back T.D.: MD 14239 TVD 7130	
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		445	87	0	
12.250	9.625 J-55	36.0	0	1630		550	328	0	
8.750	5.500 P-110	17.0	0	14218		2635	1104	2510	

### 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	7295							

### 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WELCH, BONE SPRING	7520	14210	7520 TO 14210	3.130	1792	OPEN
B)						
C)						
D)						

### 26. Perforation Record

Depth Interval	Amount and Type of Material
520 TO 14210	807 BBLS HCL + 138038 BBLS SW W/6476607# 100 MESH + 3538180# 20/40 SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/09/2018	07/28/2018	24	→	416.0	1403.0	1679.0	50.0	0.79	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 180	1100.0	→	416	1403	1679	3373	POW	

### 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
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #430850 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPL

Pending BLM approvals will  
subsequently be reviewed  
and scanned

8-16-18

... IED \*\*

## 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	66		ANHY & SALT	BONE SPRING	5356
DELAWARE	1771		SS, SLTST, & SH	1ST BONE SPRING SS	6251
BONE SPRING	5356		LS & SH	2ND BONE SPRING SS	6776
1ST BONE SPING SS	6251		SS, SLTST, & SH		
2ND BONE SPRING SS	6776		SS, SLTST, & SH		

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

FIRST OIL PRODUCTION-07/09/2018  
FIRST GAS PRODUCTION-07/12/2018

## 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 #430850 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 \*\***