

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

**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 - 02/06/2018
<sup>4</sup> API Number 30 - 025-43830	<sup>5</sup> Pool Name BUFFALO; BONE SPRING, SOUTHEAST	<sup>6</sup> Pool Code 8146
<sup>7</sup> Property Code 317783	<sup>8</sup> Property Name BUFFALO WEST 2 STATE COM 2BS	<sup>9</sup> Well Number 3H

**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
LOT 3	2	19S	33E		125	NORTH	1325	WEST	LEA

**<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
N	2	19S	33E		310	SOUTH	1513	WEST	LEA
<sup>12</sup> Lse Code S	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 2/26/2108	<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
34053	PLAINS MARKETING, L.P.	O
36785	DCP OPERATING COMPANY, LP	G
<b>HOBBS OCD</b> <b>APR 16 2018</b> <b>RECEIVED</b>		

**IV. Well Completion Data**

<sup>21</sup> Spud Date 10/20/17	<sup>22</sup> Ready Date 02/02/18	<sup>23</sup> TD 14575'	<sup>24</sup> PBTB 14472'	<sup>25</sup> Perforations 10061-14440	<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 1532	<sup>30</sup> Sacks Cement 1188		
12.25	9.625	5298	1484		
8.75	5.5	14479	1871		
	2.875	9098			

**V. Well Test Data**

<sup>31</sup> Date New Oil 02/06/2018	<sup>32</sup> Gas Delivery Date 02/25/2018	<sup>33</sup> Test Date 03/07/2018	<sup>34</sup> Test Length 24	<sup>35</sup> Tbg. Pressure 145	<sup>36</sup> Csg. Pressure 140
<sup>37</sup> Choke Size 48/64	<sup>38</sup> Oil 490	<sup>39</sup> Water 586	<sup>40</sup> Gas 172	<sup>41</sup> Test Method P-ESP	

<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:  
04/13/2018

Phone:  
817-953-3728

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

*Karen Orsharpe*  
*Staff Mgr*  
*4-16-18*

Per NMOCD Order #R-14353-B and effective 9-26-17: Time period for filing Form C-105 following completion or recompletion of a well, including all required supplemental documents, increases from 20 days to 45 days...

Submit To Appropriate District Office Two Copies 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		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> 1000 South St. Francis Dr. Santa Fe, NM 87505				<b>Form C-105</b> Revised April 3, 2017				
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name Buffalo West 2 State Com 2 BS  6. Well Number: 3H				
7. Type of Completion: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator Chisholm Energy Operating, LLC						9. OGRID 372137				
10. Address of Operator 801 Cherry Street, Suite 1200 - Unit 20 - Fort Worth, TX 76102						11. Pool name or Wildcat (8146) Buffalo; Bone Spring, Southeast				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
<b>Surface:</b>		2	19S	33E	3	125	N	1325	W	Lea
<b>BH:</b>	N	2	19S	33E		310	S	1513	W	Lea
13. Date Spudded 10/20/17	14. Date T.D. Reached 11/10/2017		15. Date Rig Released 11/12/2017		16. Date Completed (Ready to Produce) 02/02/18			17. Elevations (DF and RKB, RT, GR, etc.) 3766 GR		
18. Total Measured Depth of Well 14575'			19. Plug Back Measured Depth 14472'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run CBL; GR-RES.		
22. Producing Interval(s), of this completion - Top, Bottom, Name 14440'-10061' Buffalo; Bone Spring (2nd Bone), SE										
<b>23. CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375		54.5		1532		17.5		1188		
9.625		40		5298		12.25		1484		
5.5		17		14479		8.75		1871		
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2-7/8	9098		
<b>26. Perforation record (interval, size, and number)</b>										
14440'-10061' .45 DIAMETER, 56 HOLES/STAGE; 21 STAGES										
<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>										
DEPTH INTERVAL						AMOUNT AND KIND MATERIAL USED				
14440'-10061						FRAC W/525 BBLS HCL + 89296 BBLS SW W/4029142#				
						100 MESH + 2282255# 20/40 SAND				
<b>28. PRODUCTION</b>										
Date First Production 02/06/18 - OIL; 02/25/18 - GAS		Production Method (Flowing, gas lift, pumping - Size and type pump) ESP				Well Status (Prod. or Shut-in) PROD				
Date of Test 03/07/2018	Hours Tested 24	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 490	Gas - MCF 172	Water - Bbl. 586	Gas - Oil Ratio 351.02			
Flow Tubing Press. 145	Casing Pressure 140	Calculated 24- Hour Rate	Oil - Bbl. 490	Gas - MCF 172	Water - Bbl. 586	Oil Gravity - API - (Corr.) 40				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD - CONNECTED 2/26/18							30. Test Witnessed By 3D OILFIELD			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude										
I hereby certify that the information shown on both sides of this form										
Signature <i>Jennifer Elrod</i>			Printed Name Jennifer El							
E-mail Address jelrod@chisholmenenergy.com										

Per NMOCD Order #R-14353-B and effective 9-26-17: Time period for filing Form C-105 following completion or recompletion of a well, including all required supplemental documents, increases from 20 days to 45 days...  
 Date 4/13/2018



## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy RUSTLER-1465	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt SALADO-1750	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3645	T. Devonian	T. Cliff House	T. Leadville
T. Queen 4300	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 7570	T. Todilto	
T. Abo	T. 1ST BONE SPRING-8870	T. Entrada	
T. Wolfcamp	T. 2ND BONE SPRING-9460	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....

No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology