

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

¹ Operator name and Address CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102		² OGRID Number 372137
		³ Reason for Filing Code/ Effective Date NW - 02/02/2018
⁴ API Number 30 - 025-43829	⁵ Pool Name BUFFALO; BONE SPRING, SOUTHEAST	⁶ Pool Code 8146
⁷ Property Code 317783	⁸ Property Name BUFFALO WEST 2 STATE COM 2BS	⁹ Well Number 2H

II. ¹⁰ 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 4	2	19S	33E		125	NORTH	1265	WEST	LEA

¹¹ 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
M	2	19S	33E		320	SOUTH	430	WEST	LEA
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 02/26/2018	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	PLAINS MARKETING, L.P.	O
36785	DCP OPERATING COMPANY, LP	G
HOBBS OCD APR 16 2018 RECEIVED		

IV. Well Completion Data

²¹ Spud Date 11/14/17	²² Ready Date 02/02/2018	²³ TD 14900'	²⁴ PBTD 14841'	²⁵ Perforations 10220'-14811'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1542	1152		
12.25	9.625	5333	1626		
8.75	5.5	14849	1983		
	2.875	9061			

V. Well Test Data

³¹ Date New Oil 02/06/2018	³² Gas Delivery Date 02/25/2018	³³ Test Date 03/05/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 170	³⁶ Csg. Pressure 100
³⁷ Choke Size 48/64	³⁸ Oil 414	³⁹ Water 628	⁴⁰ Gas 255	⁴¹ Test Method P-ESP	

⁴² 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 Sharp
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
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

WELL COMPLETION REPORT AND LOG

4. Reason for filing:

☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☐ **C-144 CLOSURE ATTACHMENT** (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)

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
Chisholm Energy Operating, LLC

10. Address of Operator
801 Cherry Street, Suite 1200 - Unit 20 - Fort Worth, TX 76102

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:		2	19S	33E	4	125	N	1265	W	Lea
BH:	M	2	19S	33E		320	S	430	W	Lea

13. Date Spudded 11/14/17 14. Date T.D. Reached 12/05/17 15. Date Rig Released 12/07/17 16. Date Completed (Ready to Produce) 02/02/18 17. Elevations (DF and RKB, RT, GR, etc.) 3764 GR

18. Total Measured Depth of Well 14900' 19. Plug Back Measured Depth 14841' 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
10220'-14810' Buffalo; Bone Spring (2nd Bone), SE

5. Lease Name or Unit Agreement Name
Buffalo West 2 State Com 2 BS

6. Well Number:
2H

9. OGRID
372137

11. Pool name or Wildcat
(8146) Buffalo; Bone Spring, Southeast

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13.375	54.5	1542	17.5	1152	
9.625	40	5333	12.25	1626	
5.5	17	14849	8.75	1983	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	9061	

26. Perforation record (interval, size, and number)
10220'-14810'.45 DIAMETER, 56 HOLES/STAGE; 22 STAGES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10220'-14811'	FRAC W/526 BBLs HCL + 93370 BBLs SW 2/2491520#
	20/40 + 4421141#S 100 MECH

28. PRODUCTION

Date First Production 02/06/18 - OIL; 02/25/18 - GAS		Production Method (Flowing, gas lift, pumping - Size and type pump) PUT ON ESP 02/23/18		Well Status (Prod. or Shut-in) PROD	
Date of Test 03/05/2018	Hours Tested 24	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 414	Gas - MCF 255
		Water - Bbl 628	Gas - Oil Ratio 615.94		
Flow Tubing Press. 170	Casing Pressure 110	Calculated 24-Hour Rate	Oil - Bbl 414	Gas - MCF 255	Water - Bbl 628
					Oil Gravity - API - (Corr.) 40

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD - CONNECTED 2/26/18

30. Test Well
y

31. List Attachments
RVICES

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 document is true and correct to the best of my knowledge and belief.

Signature Jennifer Elrod Printed Name Jen

E-mail Address jelrod@chisholmenergy.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...

Regulatory Tech Date 04/13/18

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 SS -8870	T. Entrada	
T. Wolfcamp	T. 2nd Bone Spring SS -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