

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 - 025-43831	⁵ Pool Name BUFFALO, BONE SPRING, SOUTHEAST	
⁷ Property Code 317783	⁸ Property Name BUFFALO WEST 2 STATE COM 2BS	⁶ Pool Code 8146
		⁹ Well Number 4H

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 3	2	19S	33E		125	NORTH	1385	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
N	2	19S	33E		330	SOUTH	2525	WEST	LEA

¹² Lse Code S	¹³ Producing Method Code P- ESP	¹⁴ Gas Connection Date 2/26/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 9/23/17	²² Ready Date 02/02/18	²³ TD 15180'	²⁴ PBTD 15155'	²⁵ Perforations 10535'-15126'	²⁶ DHC, MC
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V-9872-9970

²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
17.5	13.375	1513	1228
12.25	9.625	5310	1471
8.75	5.5	15160	2085
	2.875	9357	

V. Well Test Data

³¹ Date New Oil 2/6/18	³² Gas Delivery Date 2/26/18/	³³ Test Date 3/9/18	³⁴ Test Length 24	³⁵ Tbg. Pressure 170	³⁶ Csg. Pressure 160
³⁷ Choke Size 48/64	³⁸ Oil 567	³⁹ Water 837	⁴⁰ Gas 335		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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

HOBBBS OGD
APR 16 2018
RECEIVED

WELL COMPLETION OR RECOMPLETION 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	3	125	N	1385	W	Lea
BH:	N	2	19S	33E		330	S	2525	W	Lea

13. Date Spudded
09/23/17

14. Date T.D. Reached
10/16/17

18. Total Measured Depth of Well
15180'

15. Date Rig Released
10/18/17

19. Plug Back Measured Depth
15155'

16. Date Completed (Ready to Produce)
02/02/18

20. Was Directional Survey Made?
YES

17. Elevations (DF and RKB, RT, GR, etc.)
3766 GR

21. Type Electric and Other Logs Run
CBL; GR-RES.

22. Producing Interval(s), of this completion - Top, Bottom, Name
10535'-15125' Buffalo; Bone Spring (2nd Bone), SE

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

6. Well Number:
4H

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	1513	17.5	1288	
9.625	40	5310	12.25	1471	
5.5	17	15160	8.75	2085	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	9357'	9366'

26. Perforation record (interval, size, and number)
10535'-15125' .45 DIAMETER, 56 HOLES/STAGE; 22 STAGES

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10535'-15125'	FRAC W/530 BBLs HCL + 96237 BBLs SW W/4424846#
	100 MESH + 2453608# 20/40 SAND

28. PRODUCTION

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 03/09/2018	Hours Tested 24	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 567	Gas - MCF 335
Water - Bbl 837	Gas - Oil Ratio 590.828				
Flow Tubing Press. 170	Casing Pressure 160	Calculated 24-Hour Rate	Oil - Bbl 567	Gas - MCF 335	Water - Bbl 837
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 SERVICES

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the tem--

34. If an on-site burial was used at the well, report the exact location of the on-site

I hereby certify that the information shown on both sides of this fo

Signature *Jennifer Elrod*

E-mail Address jelrod@chisholmenergy.com

Printed Name Jennifer

Latitude

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 4/13/18

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-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