

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

¹ Operator name and Address Chisholm Energy Operating, LLC 801 Cherry St., Suite 1200-Unit 20 Fort Worth, Texas 76102		² OGRID Number 372137
		³ Reason for Filing Code/ Effective Date NW-07/09/2018
⁴ API Number 30 - 015-44650	⁵ Pool Name Welch; Bone Spring	⁶ Pool Code 64010
⁷ Property Code 320688	⁸ Property Name Cottonwood 28-33 Fed Com 2BS	⁹ Well Number 7H

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
P	21	26S	26E		100	SOUTH	1005	EAST	EDDY

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
I	33	26S	26E		336	SOUTH	408	EAST	EDDY

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 07/10/2018	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
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

²¹ Spud Date 4/12/2018	²² Ready Date 07/05/2018	²³ TD 14339' / 1149	²⁴ PBTB 14308'	²⁵ Perforations 14280'-7590'	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	420'	445		
12-1/4	9-5/8	1630	550		
8-3/4	5-1/2	14288'	2680		

V. Well Test Data

³¹ Date New Oil 07/09/2018	³² Gas Delivery Date 07/10/2018	³³ Test Date 07/28/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 900
³⁷ Choke Size 48/64	³⁸ Oil 586	³⁹ Water 2329	⁴⁰ Gas 2302	⁴¹ Test Method F	

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: 08/09/2018

Phone: 817-953-3728

OIL CONSERVATION DIVISION

Approved by:

Rusty Kline

Title:

Business Ops Spec 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 AND LOG RECEIVED

5. Lease Serial No.
NMNM113944

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No.
NMNM138389

2. Name of Operator CHISHOLM ENERGY OPERATING, LLC Contact: JENNIFER ELROD
 Email: jelrod@chisholmenergy.com

8. Lease Name and Well No.
COTTONWOOD 28-33 FED COM 2BS 7H

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. 30-015-44650

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 Sec 21 T26S R26E Mer NMP
 At surface SESE 100FSL 1005FEL 32.020757 N Lat, 104.292518 W Lon
 Sec 28 T26S R26E Mer NMP
 At top prod interval reported below NENE 347FNL 449FEL 32.019514 N Lat, 104.290671 W Lon
 Sec 33 T26S R26E Mer NMP
 At total depth Lot 1 336FSL 408FEL 32.000996 N Lat, 104.290393 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 04/12/2018
 15. Date T.D. Reached 05/04/2018
 16. Date Completed D & A Ready to Prod.
 07/05/2018

17. Elevations (DF, KB, RT, GL)*
3384 GL

18. Total Depth: MD 14339 TVD 7149
 19. Plug Back T.D.: MD 14308 TVD 7149
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA, CBL

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No 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	186	0	
12.250	9.625 J-55	36.0	0	1630		550	328	0	
8.750	5.500 P-110	17.0	0	14288		2680	1269	220	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WELCH, BONE SPRING	7590	14280	7590 TO 14280	3.130	1792	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7590 TO 14280	1166 BBLs HCL + 135829 BBLs WS W/6445769# 100 MESH + 3670154# 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	→	586.0	2302.0	2329.0	50.0	0.76	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI 0	900.0	→	586	2302	2329	3974	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 Grav	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned
 8-16-18

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #431575 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OF

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	81		ANHY & SALT	BONE SPRING	5371
DELAWARE	1786		SS, SLTST, & SH	1ST BONE SPRING SS	9266
BONE SPRING	5371		LS & SH	2ND BONE SPRING SS	6791
1ST BONE SPING SS	6266		SS, SLTST, & SH		
2ND BONE SPRING SS	6791		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-07/10/2018

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 #431575 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 08/16/2018

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 ****