

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
⁴ API Number 30 - 015-44648		³ Reason for Filing Code/ Effective Date NW-07/10/2018
⁵ Pool Name Welch; Bone Spring	⁶ Pool Code 64010	
⁷ Property Code 317877	⁸ Property Name Cottonwood 28-33 Fed 2BS	⁹ Well Number 5H

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	1065	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
2	33	26S	26E		613	SOUTH	2523	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code P-Gas Lift	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 02/09/2018	²² Ready Date 07/05/2018	²³ TD <i>7065</i> 14657/7064'	²⁴ PBDT 14611/7061'	²⁵ Perforations 14450'-8180'	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'	400		
12-1/4	9-5/8	1643	500		
8-3/4	5-1/2	14610'	2840		
	<i>2 7/8</i>	<i>7095</i>			

V. Well Test Data

³¹ Date New Oil 07/10/2018	³² Gas Delivery Date 07/10/2018	³³ Test Date 07/25/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 280	³⁶ Csg. Pressure 1090
³⁷ Choke Size 48/64	³⁸ Oil 394	³⁹ Water 1668	⁴⁰ Gas 1884	⁴¹ Test Method Gas Lift	

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: 08/16/2018 Phone: 817-953-3728

OIL CONSERVATION DIVISION
Approved by: *Rustyn Klein*
Title: *Business Manager 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 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 _____

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

3. Address **801 CHERRY STREET, SUITE 1200-UNIT 20** 3a. Phone No. (include area code)
FORT WORTH, TX 76102 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 1065FEL 32.020757 N Lat, 104.292712 W Lon**
 Sec 28 T26S R26E Mer NMP
 At top prod interval reported below **NWNE 344FNL 2459FEL 32.019536 N Lat, 104.297156 W Lon**
 Sec 33 T26S R26E Mer NMP
 At total depth **Lot 2 613FSL 2523FEL 32.001764 N Lat, 104.297214 W Lon**

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No.
COTTONWOOD 28-33 FED 2BS 5H
 9. API Well No.
30-015-44648
 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
02/09/2018 15. Date T.D. Reached
03/13/2018 16. Date Completed
 D & A Ready to Prod.
07/05/2018 17. Elevations (DF, KB, RT, GL)*
3384 GL

18. Total Depth: MD **14657** 19. Plug Back T.D.: MD **14611**
 TVD **7064** TVD **7061** 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		400	175	0	
12.250	9.625 J-55	36.0	0	1643		500	409	0	
8.750	5.500 P-110	17.0	0	14610		2840	1145	0	

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	7095							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WELCH, BONE SPRING	8180	14450	8180 TO 14450	3.130	1680	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8180 TO 14450	791 BBLs HCL + 126219 BBLs WS W/5933650# 100 MESH + 5494404# 20/40 SAND

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
07/10/2018	07/25/2018	24	→	394.0	1884.0	1668.0	50.0	0.77	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 0	1090.0	→	394	1884	1668	4782	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 Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Sta.	
	SI		→						

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #430823 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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

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	41		ANHY & SALT	BONE SPRING	5327
DELAWARE	1741		SS, SLTST, & SH	1ST BONE SPRING SS	6221
BONE SPRING	5327		LS & SH	2ND BONE SPRING SS	6746
1ST BONE SPING SS	6221		SS, SLTST, & SH		
2ND BONE SPRING SS	6476		SS, SLTST, & SH		

32. Additional remarks (include plugging procedure):
PERFORATIONS-3 1/8", 56 HOLES/STAGE, 30 STAGES

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 #430823 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.

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