

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 STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102		² OGRID Number 372137
		³ Reason for Filing Code/ Effective Date NEW WELL
⁴ API Number 30 - 015-43704	⁵ Pool Name WELCH; BONE SPRING	⁶ Pool Code 64010
⁷ Property Code 319571	⁸ Property Name COTTONWOOD 29-32 FED 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
D	29	26S	26E		200	NORTH	1205	WEST	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	
3	32	26S	26E		330	SOUTH	1995	WEST	EDDY	
¹² Lse Code F		¹³ Producing Method Code F		¹⁴ Gas Connection Date		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
278421	HOLLY FRONTIER REFINING & MARKETING, LLC 10 DESTA DR., STE 350 W MIDLAND, TX 79705	O
371960	LUCID ENERGY DELAWARE, LLC 310 MCKINNON ST., #800 DALLAS, TX 75201	G
	NM OIL CONSERVATION ARTESIA DISTRICT JAN 25 2018	
	RECEIVED	

IV. Well Completion Data

²¹ Spud Date 08/14/2017	²² Ready Date 10/30/2017	²³ TD 13960' / 6716	²⁴ PBDT 13873'	²⁵ Perforations 7168'-13858'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	450'		584 /
12.25		9.625	1617'		428 /
8.75		5.5	13944'		2970 /

V. Well Test Data

³¹ Date New Oil 11/20/17	³² Gas Delivery Date	³³ Test Date 11/30/17	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size 164	³⁸ Oil	³⁹ Water 2424	⁴⁰ Gas 1912		⁴¹ Test Method Gas Lift/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: <i>Jennifer Elrod</i> Printed name: JENNIFER ELROD Title: SR. REGULATORY TECH E-mail Address: JELROD@CHISHOLMENERGY.COM Date: 01/10/2018			OIL CONSERVATION DIVISION Approved by: <i>Raymond W. Bodany</i> Title: <i>Geologist</i> Approval Date: <i>1-26-2018</i> Pending BLM approvals will subsequently be reviewed and scanned		

Your EC Transaction 401115, Serial Number 851-3593, was submitted to the Carlsbad, NM BLM Office.
Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CHISHOLM ENERGY OPERATING, LLC Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com		8. Lease Name and Well No. COTTONWOOD 29-32 FED COM 2BS 2H	
3. Address 801 CHERRY STREET, SUITE 1200 - UNIT 20 FORT WORTH, TX 76102		9. API Well No. 30-015-43704	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 29 T26S R26E Mer At surface Lot D 200FNL 1205FWL 32.019955 N Lat, 104.319680 W Lon Sec 29 T26S R26E Mer At top prod interval reported below 387FNL 1857FWL Sec 32 T26S R26E Mer At total depth Lot L-3 330FSL 1995FWL 32.019955 N Lat, 104.319680 W Lon		10. Field and Pool, or Exploratory WELCH; BONE SPRING	
		11. Sec., T., R., M., or Block and Survey or Area Sec 29 T26S R26E Mer	
		12. County or Parish EDDY	
		13. State NM	
14. Date Spudded 08/14/2017		15. Date T.D. Reached 09/11/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/30/2017		17. Elevations (DF, KB, RT, GL)* 3433 GL	
18. Total Depth: MD 13960 TVD 6716		19. Plug Back T.D.: MD 13873 TVD 6714	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL; GAMMA RAY		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	13.375 J-55	54.5	0	450		584	201	0	
12.250	9.675 J-55	36.0	0	1617		428	170	0	
8.750	5.500 P110	17.0	0	13944		2970	723	1050	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.785	6508							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WELCH; BONE SPRING	7168	13858	7168 TO 13858	45.000	1792	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7168 TO 13858	HCI 125,598 BBLs SW W/ 6,106,123#S 100 MESH + 3,970,480# 20/40

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
11/20/2017	11/30/2017	24	→	164.0	1912.0	2424.0	49.0	0.74	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	164	1912	2424	11658	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #401115 VERIFIED BY THE BLM WELL INFORMATION SYST.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Pending BLM approvals will
subsequently be reviewed
and scanned

1-26-18

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.)
CAPTURED

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	48		ANHY & SALT		
DELAWARE MTN GR	1653		SS, SLTST, & SH		
BONE SPRING	5183		LS & SH		
1ST BONE SPRING SS	6038		SS, SLTST, & SH		
2ND BONE SPRING SS	6528		SS, SLTST, & SH		
3RD BONE SPRING LS	6968		LS, SS, & SH		
3RD BONE SPRING SS	7763		SS, SLTST, & SH		

32. Additional remarks (include plugging procedure):

KJD;AIUDKMN;AVKHKALFMDN; LAJDKF;A AKLF;DJFDMA;VLKJA;KLJA;DIFJ AMVDLK;A, MV;KAMV;AOIMNF
KANMVPAL MVKAMC VPOAIMDFKAL;MDF,L;DAMVL;ADMVDALMC;VAMDPFIMAVLKA DMKVALOJDFKAM VAOMDKVPA
DFNA KDVMN;AKLMVAOIMDFAPD BCW

11/7/17 RAN 2-7/8 TBNG SET @ 6680;
11/14/17 SET INJECTION COMPRESSOR
12/12/17 PULLED PRODUCTION TBNG
12/13/17 RAN 2-7/8 L80 TBNG SET @ 6508' & ESP SET @ 6115'

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 #401115 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 01/16/2018

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 ****

Additional data for transaction #401115 that would not fit on the form

32. Additional remarks, continued