

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 NW - 01/16/2018
⁴ API Number 30 - 0 15-43690	⁵ Pool Name PURPLE SAGE; WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code	⁸ Property Name COTTONWOOD 28-33 FED COM WCA	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
P	21	26S	26E		200	SOUTH	240 970	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
LOT 1	33	26S	26E		340	SOUTH	565	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code GL	¹⁴ Gas Connection Date 01/16/18	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
311333	BRIDGER TRUCKING	O
371960	LUCID ENERGY DELAWARE, LLC 310 MCKINNON ST., #800 DALLAS, TX 75201	
NM OIL CONSERVATION ARTESIA DISTRICT		
MAR 20 2018		

RECEIVED

IV. Well Completion Data

²¹ Spud Date 10/15/17	²² Ready Date 01/04/2018	²³ TD 15744 / 16373	²⁴ PBTD 15730	²⁵ Perforations 9010'-15700'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	454'	870		
12.5"	9.625"	7780'	2745		
8.75"	5.5"	15734'	2625		

V. Well Test Data

³¹ Date New Oil 01/16/2018	³² Gas Delivery Date 01/16/2018	³³ Test Date 02/01/2018	³⁴ Test Length 24	³⁵ Tbg. Pressure 600	³⁶ Csg. Pressure 250
³⁷ Choke Size 48/64	³⁸ Oil 538	³⁹ Water 3323	⁴⁰ Gas 900	⁴¹ Test Method FLOWING	

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:

03/20/2018

Phone:

817-953-3728

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Raymond H. Podany
Geology Bt.
4-2-2018

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO OIL CONSERVATION
ARTESIA DISTRICT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAR 20 2018

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM113944	
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 _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CHISHOLM ENERGY OPERATING, LLC Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com		7. Unit or CA Agreement Name and No.	
3. Address 801 CHERRY STREET, SUITE 1200 - UNIT 20 FORT WORTH, TX 76102		8. Lease Name and Well No. COTTONWOOD 28-33 FED COM WCA 4H	
3a. Phone No. (include area code) Ph: 817-953-3728		9. API Well No. 30-015-43690	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESE Lot P 200FSL 970FEL 32.021029 N Lat, 104.292404 W Lon Sec 21 T26S R26E Mer At top prod interval reported below 356FNL 540FEL Sec 28 T26S R26E Mer At total depth SESE Lot L-1 340FSL 565FEL 32.001030 N Lat, 104.290821 W Lon		10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP	
11. Sec., T., R., M., or Block and Survey or Area Sec 21 T26S R26E Mer		12. County or Parish EDDY	
13. State NM		17. Elevations (DF, KB, RT, GL)* 3384 GL	
14. Date Spudded 10/16/2017	15. Date T.D. Reached 11/18/2017	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/04/2018	
18. Total Depth: MD 15744 TVD 8373	19. Plug Back T.D.: MD 15730 TVD 8373	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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	454		575		0	0
12.250	9.675 J-55	40.0	0	7780		2745		0	0
8.750	5.500 P-110	20.0	0	15734		2625		6780	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	8200	8200						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
PURPLE SAGE; WOLFCAMP	9010	15700	9010 TO 15700	45.000	1792	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9010 TO 15700	FRAC W/770 BBLS HCl + 135,344 BBL SW, W/6,451,367# 100 MESH + 3,672,295# 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
01/16/2018	02/01/2018	24	→	538.0	900.0	3323.0	49.0	0.84	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	600	250.0	→	538	900	3323	1672	PGW	

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 Status	
			→						

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

ELECTRONIC SUBMISSION #408579 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Pending BLM approvals will subsequently be reviewed and scanned

SC 4-2-18

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
CASTLE	48		ANHY & SALT		
DELAWARE	1563		SS, SLTST, & SH		
BONE SPRING	5093		LS & SH		
1ST BONE SPRING SS	5948		SS, SLTST, & SH		
2ND BONE SPRING SS	6438		SS, SLTST, & SH		
3RD BONE SPRING LS	6878		LS, SS, & SH		
3RD BONE SPRING SS	7673		SS, SLTST, & SH		

32. Additional remarks (include plugging procedure):

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

01/16 - 2/16/18 FLOWING.
02/17/18 GAS LIFT.

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 #408579 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 03/20/2018

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 #408579 that would not fit on the form

32. Additional remarks, continued

PILOT HOLE:

10/31/17 Drill Pilot Hole to 11,000' MD.

11/01 - 13/17 Ran Quad Combo, Triple Combo, & Cores.

11/03/17 Contacted Chase @ BLM regarding cmnt plugs.

11/04/17 pump 195 SXS (41 bbls) class H CMNT w/1.18 yield from 10,993'-10,033'; WOC; Tag
cmnt 10,160'; pump 235 SXS (49 bbls) Class H cmnt; 1.18 yield from 8,500'-7,900'; WOC;
tag cmnt @ 8,238'.

11/05/17 Trip in hole w/whipstock @ 7,840' set anchors.

11/06/17 Drill Prod Hole.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM113944

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

COTTONWOOD 28-33 FED COM WCA 4H

2. Name of Operator

CHISHOLM ENERGY HOLDINGS LLC-Mail: jelrod@chisholmenergy.com

Contact: JENNIFER ELROD

9. API Well No.

30-015-43690

3a. Address

801 CHERRY ST., SUITE 1200 UNIT-20
FORT WORTH, TX 76102

3b. Phone No. (include area code)

Ph: 817-953-3728

10. Field and Pool or Exploratory Area
PURPLE SAGE; WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 21 T26S R26E Mer NMP SESE 200FSL 970FEL
32.021028 N Lat, 104.292403 W Lon

11. County or Parish, State

EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

BCW

COMPLETION:

11/28/17 Run CBL Est TOC @ 6780'

11/29/17 Set Plug @ 15,715' Test Csg to 9,980' for 30 min, good test; Perforate 1st stage

15,700'-15,520'

12/21 - 26/17 Completions Operations Perf 15,490'-9,010'; Frac all 32 stages w/ 770 bbls HCl +

135344 bbls sw w/3672295# 20/40 + 6451367# 100 Mesh

1/29/17 - 1/03/18 Drill Out

1/04/18 Turn to Flowback

1/16/18 First Oil

**NM OIL CONSERVATION
ARTESIA DISTRICT**

MAR 20 2018

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #406610 verified by the BLM Well Information System
For CHISHOLM ENERGY HOLDINGS LLC, sent to the Carlsbad**

Name (Printed/Typed) JENNIFER ELROD

Title SENIOR REGULATORY TECH

Signature (Electronic Submission)

Date 03/05/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Pending BLM approvals will
subsequently be reviewed
and scannedTitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly
States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

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

Additional data for EC transaction #406610 that would not fit on the form

32. Additional remarks, continued

1/16/18 First Gas

2/04 - 07/18 Run 2-7/8" tbng Set @ 8,200'; 12 Gas Lift valves from 1,762-8,167'

2/07/18 Turned over to production

2/17/18 Gas Lift

PILOT HOLE;

10/31/17 Drill to 11,000' MD

11/01/17 Ran Quad Combo log

11/02/17 Ran Triple Combo log

11/03/17 Run Cores; Talked to Chase @ BLM regarding setting cmnt plugs.

11/04/17 Pump 195 SXS (41 bbls) Class H Cmnt w/1.18 yield from 10,993'-10,033'; WOC - Tag cmnt @

10,160'; Pump 235 SXS (49bbls) Class H cmnt @ 1.18 yield from 8,500'-7,900'; WOC - Tag Cmnt @

8,238'; Trip in hole w/Whipstock.

11/05/17 Trip in hole w/Whipstock 7,840' set anchors.

11/06/17 Drill production hole.