

Re-scan
10-2-17
completion
207

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 20 2017
Form C-103
Revised August 1, 2011

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office
RECEIVED
 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 30-015-43691		³ Reason for Filing Code/ Effective Date New Well
⁵ Pool Name Welch, Bone Spring	⁶ Pool Code 64010	
⁷ Property Code 316072	⁸ Property Name Cottonwood 28.33 Fed 20S	⁹ Well Number III

II. ¹⁰ Surface Location

U/L or lot no. D	Section 28	Township 26S	Range 26E	Lot Idn	Feet from the	North/South Line N	Feet from the	East/West line W	County EDDY
					150		1270		

¹¹ Bottom Hole Location

U/L or lot no. D	Section 33	Township 26S	Range 26E	Lot Idn	Feet from the	North/South line S	Feet from the	East/West line W	County EDDY
					282'		675'		

¹² Use Code F	¹³ Perforating Method Code F	¹⁴ Gas Connection Date 8/27/17	¹⁵ C-129 Permit Number N/A	¹⁶ C-129 Effective Date N/A	¹⁷ C-129 Expiration Date N/A

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	Holly Transportation LLC	O
371960	Lucid Energy Delaware	G

IV. Well Completion Data

²¹ Spud Date 5-16-17	²² Ready Date 8-23-17	²³ TD 1388'	²⁴ PBD 13728'	²⁵ Perforations 7218'-13698'	²⁶ DHC, MC N/A
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2		13-3/8		411'	584
12-1/4		9-5/8		1590'	428
8-3/4		5-1/2		13858'	2622

V. Well Test Data

³¹ Date New Oil 8-27-17	³² Gas Delivery Date 8/27/17	³³ Test Date 8/28/17	³⁴ Test Length 24	³⁵ Tbg. Pressure N/A	³⁶ Csg. Pressure 320
³⁷ Choke Size 44	³⁸ Oil 201	³⁹ Water 2549	⁴⁰ Gas 497	⁴¹ Test Method I	

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>Bettie Watson</i> Printed name: Bettie Watson Title: Consultant E-mail Address: bwatson@chisholmenergy.com Date: 9/14/17	OIL CONSERVATION DIVISION	
	Approved by: <i>Raymond M. Rodony</i>	
	Title: <i>Geologist</i>	
	Approval Date: <i>9-20-2017</i>	
	Phone: 972-979-0132	

Pending BLM approvals will subsequently be reviewed and scanned

SEP 20 2017

Your EC Transaction 389070, Serial Number 851-2899, was submitted to the Carlsbad, NM BLM Office.

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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: BETTIE WATSON
 Email: bettie@watsonreg.com

3. Address: 801 CHERRY ST., SUITE 1200 - UNIT 20 FORT WORTH, TX 76102
 3a. Phone No. (include area code) Ph: 817-864-1104

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: Sec 28 T26S R26E Mer NWNW 150FNL 1270FWL
 At top prod interval reported below: Sec 28 T26S R26E Mer NWNW 616FNL 789FWL
 At total depth: Sec 33 T26S R26E Mer SWSW 282FSL 675FWL

5. Lease Serial No. NMMN113944
 6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. COTTONWOOD 28-32 FED 2BS 1H
 9. API Well No. 30-015-43691
 10. Field and Pool, or Exploratory WELCH; BONE SPRING
 11. Sec., T., R., M., or Block and Survey or Area Sec 28 T26S R26E Mer
 12. County or Parish EDDY 13. State NM
 14. Date Spudded 05/16/2017 15. Date T.D. Reached 06/24/2017 16. Date Completed D & A Ready to Prod. 08/23/2017
 17. Elevations (DF, KB, RT, GL)* 3401 GL
 18. Total Depth: MD 13881 TVD 6816 19. Plug Back T.D.: MD 13728 TVD 6815 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) REAL-TIME LWD 2"-5" MD GAMMA/EWR LOG & CBL
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Logging and Liner Record (Report all strings set in well)

Pipe 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		411		584	138	0	
12.250	9.625 J-55	36.0		1590		428	171	0	
8.750	5.500 P-110	17.0		13858		2622	868	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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7218	13698	7218 TO 13698	0.450	1736	OPEN PRODUCING
B)						
C)						
D)						

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7218	13698	7218 TO 13698	0.450	1736	OPEN PRODUCING

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

Depth Interval	Amount and Type of Material
7218 TO 13698	WATER 4,947,551 GAL, SAND (PROPPANT) 9,968,088 LBS., 15% HCL 30,859 GAL

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
08/27/2017	08/28/2017	24	→	201.0	497.0	2549.0	47.2		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
44	SI	320.0	→	201	497	2549	2472	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	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #389070 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

SC 9-25-17

SEP 20 2017

RECEIVED

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	173		ANHY & SALT		
DELAWARE MTN GR	1573		SS, SLTST, & SH		
BONE SPRING	5188		LS & SH		
1ST BONE SPRING SS	6048		SS, SLTST, & SH		
2ND BONE SPRING SS	6548		SS, SLTST, & SH		
3RD BONE SPRING SS	7788		SS, SLTST, & SH		
WOLFCAMP	8113		SLTST, LS, & SH		
WOLFCAMP "B"	9138		LS & SH		

32. Additional remarks (include plugging procedure):

Toe perf location: Sec 33, T26S, R26E, SWSW 395' FSL & 672 FWL

TD Pilot hole @ 10800' - (See attached)

Attached: Additional Comments for this Section 53, Directional Survey, Log 5"-100 - MD, CBL, Frac Focus Detail, C102, C104

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 #389070 Verified by the BLM Well Information System.
For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad

Name (please print) BETTIE WATSON

Title REGULATORY CONSULTANT

Signature _____ (Electronic Submission)

Date 09/19/2017

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.

Additional data for transaction #389070 that would not fit on the form

32. Additional remarks, continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM113944
2. Name of Operator CHISHOLM ENERGY OPERATING, LLC Contact: BETTIE WATSON Email: bettie@watsonreg.com		6. If Indian, Allottee or Tribe Name
3a. Address 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102	3b. Phone No. (include area code) Ph: 972-979-0132	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T26S R26E NWNW 150FNL 1270FWL		8. Well Name and No. COTTONWOOD 28-33 FED 2BS 1H
Your EC Transaction 389375, Serial Number 852-66649, was submitted to the Carlsbad, NM BLM Office.		9. API Well No. 30-015-43691
		10. Field and Pool or Exploratory Area WILDCAT; BONE SPRING
		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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recomplete 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 recompletion 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.

Submitting completion data:

Beginning & Ending Perf dates and footage: 7/25/17 7218' to 8/9/17 13698'
Amount & type of Material: H2O 4947551 Gal; Sand (proppant) 9968088 lbs; 15% HCL 30859 Gal.
Gun Type: 3-1/8 Tag Wireless Gun
of Holes & # of stages: 56 holes & 31 stages = 1736 shots total
Flow back date well testing: 8/22/17

NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 22 2017

Accepted for record - NMOCD

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #389375 verified by the BLM Well Information System For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad	
Name (Printed/Typed) BETTIE WATSON	Title AGENT
Signature (Electronic Submission)	Date 09/21/2017

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.	Pending BLM approvals will subsequently be reviewed and scanned
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person known States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd	Office _____
(Instructions on page 2)	initialed _____

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 2BS 1H

2. Name of Operator
CHISHOLM ENERGY OPERATING, LLC
Contact: BETTIE WATSON
Mail: bettie@watsonreg.com

9. API Well No.
30-015-43691

3a. Address
801 CHERRY STREET, SUITE 1200-UNIT 20
FORT WORTH, TX 76102

3b. Phone No. (include area code)
Ph: 972-979-0132

10. Field and Pool or Exploratory Area
WILDCAT; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 28 T26S R26E NWNW 150FNL 1270FWL

11. County or Parish, State
EDDY COUNTY, NM

Your EC Transaction 389367, Serial Number 852-66643, was submitted to the Carlsbad, NM BLM Office.

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

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 recomplate 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 recompletion 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.

Request approval for 60 day Tubing Exception to flow well down before running tubing.

NM OIL CONSERVATION
ARTESIA DISTRICT
SEP 22 2017
RECEIVED

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

Electronic Submission #389367 verified by the BLM Well Information System
For CHISHOLM ENERGY OPERATING, LLC, sent to the Carlsbad

Name (Printed/Typed) BETTIE WATSON

Title AGENT

Signature (Electronic Submission)

Date 09/21/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title _____

Date _____

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 _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd

inited

(Instructions on page 2)

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

Pending BLM approvals will subsequently be reviewed and scanned