

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION
ARTESIA DISTRICT
OCD 12 2018
Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input 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 LEO			7. Unit or CA Agreement Name and No.		
Contact: JENNIFER ELROD Email: jelrod@chisholmenergy.com			8. Lease Name and Well No. COTTONWOOD 28-33 FED 2BS 6H		
3. Address 801 CHERRY STREET FORT WORTH, TX 76012			9. API Well No. 30-015-44649-00-S1		
3a. Phone No. (include area code) Ph: 817-953-3728			10. Field and Pool, or Exploratory WELCH-BONE SPRING		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 21 T26S R26E Mer NMP At surface SESE 100FSL 1035FEL 32.020758 N Lat, 104.292615 W Lon Sec 28 T26S R26E Mer NMP At top prod interval reported below NWNE 345FNL 1429FEL 32.019529 N Lat, 104.293835 W Lon Sec 33 T26S R26E Mer NMP At total depth Lot 2 335FSL 1468FEL 32.000997 N Lat, 104.293810 W Lon			11. Sec., T., R., M., or Block and Survey or Area Sec 21 T26S R26E Mer NMP		
14. Date Spudded 03/18/2018			15. Date T.D. Reached 04/08/2018		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/05/2018			17. Elevations (DF, KB, RT, GL)* 3384 GL		
18. Total Depth: MD 14267 TVD 7130		19. Plug Back T.D.: MD 14239 TVD 7130		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA CBL			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	48.0	0	420		445	87	0	
12.250	9.625 J-55	36.0	0	1630		550	328	0	
8.750	5.500 P-110	17.0	0	14218		2635	1104	2510	

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	7295							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	7520	14210	7520 TO 14210	3.130	1792	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
520 TO 14210	807 BBLs HCL + 138038 BBLs SW W/6476607# 100 MESH + 3538180# 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
07/09/2018	07/28/2018	24	→	416.0	1403.0	1679.0	50.0	0.79	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	180	1100.0	→	416	1403	1679	3373	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	
			→						

ACCEPTED FOR RECORD

DEC - 3 2018

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #430850 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation Due: 1/5/2019

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	66		ANHY & SALT	BONE SPRING	5356
DELAWARE	1771		SS, SLTST, & SH	BONE SPRING 1ST	6251
BONE SPRING	5356		LS & SH	BONE SPRING 2ND	6776
BONE SPRING 1ST	6251		SS, SLTST, & SH		
BONE SPRING 2ND	6776		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-07/12/2018

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 #430850 Verified by the BLM Well Information System.
For CHISHOLM ENERGY OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 09/06/2018 (18DW0220SE)

Name (please print) JENNIFER ELROD

Title SENIOR 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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 12 2018
RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44649	² Pool Code 64010	³ Pool Name WELCH; BONE SPRING
⁴ Property Code 320688	⁵ Property Name COTTONWOOD 28-33 FED 2BS	
⁷ OGRID No. 372137	⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC	⁶ Well Number 6H ⁹ Elevation 3384'

¹⁰ Surface Location

UL or lot no. P	Section 21	Township 26 S	Range 26 E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1035	East/West line EAST	EDDY County
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. LOT 2	Section 33	Township 26 S	Range 26 E	Lot Idn	Feet from the 335	North/South line SOUTH	Feet from the 1468	East/West line EAST	EDDY County
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¹² Dedicated Acres 223.21	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N 372528.85 E 549690.08</p> <p>N 371198.84 E 549687.76</p> <p>N 365873.41 E 549722.9</p> <p>N 363771.26 E 549723.38</p> <p>21</p> <p>KOP LAT: 32.019558 LONG: -104.293828 NAD 83 335' FSL 1427' FEL</p> <p>SHL 100' FSL 1035' FEL</p> <p>TOP PERF. LAT: 32.019529 LONG: -104.293835 NAD 83 345' FNL 1429' FEL</p> <p>28</p> <p>26S 26E</p> <p>TOE PERF. LAT: 32.001154 LONG: -104.293818 NAD 83 392' FSL 1470' FEL</p> <p>33</p> <p>BHL 335' FSL 1468' FEL</p> <p>LOT 4 LOT 3 LOT 2 LOT 1</p> <p>N 372443.06 E 555045.97</p> <p>N 371188.87 E 555004.84</p> <p>SURFACE LOCATION LAT 32.020758 LONG -104.292615 NMSPCE-N 371292.86 E 553958.89 NAD 83</p> <p>N 365869.25 E 555055.94</p> <p>N 363768.41 E 555056.9</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jennifer Elrod</i> 07/06/2018 Signature Date</p> <p>JENNIFER ELROD Printed Name</p> <p>jelrod@chisholmenergy.com E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>
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