

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

Form C-104
Revised August 1, 2011

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-12/11/2019
⁴ API Number 30 - 025-46394	⁵ Pool Name LEA; BONE SPRING, SOUTH	⁶ Pool Code 37580
⁷ Property Code 326098	⁸ Property Name LAGUNA 23 2BS FEDERAL COM	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
M	23	20S	34E		225	SOUTH	2055	WEST	LEA

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
D	23	20S	34E		101	NORTH	2118	WEST	LEA

¹² Lse Code S	¹³ Producing Method Code P	¹⁴ Gas Connection Date 12/11/2019	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372603	3BEAR FIELD SERVICES, LLC	O/W
24650	TARGA MIDSTREAM SERVICES, LLC	G

IV. Well Completion Data

²¹ Spud Date 10/17/2019	²² Ready Date 12/07/2019	²³ TD 15495'MD/10525'TVD	²⁴ PBSD 15489'MD/10525'TVD	²⁵ Perforations 10661'-15455'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375", 54.5#, J-55	1685'	1245		
12.25"	9.625", 40#, J-44	5706'	1695		
8.75"	5.5", 20#, P-110	15489'	1950		

V. Well Test Data

³¹ Date New Oil 12/11/2019	³² Gas Delivery Date 12/11/2019	³³ Test Date 01/15/2020	³⁴ Test Length 24	³⁵ Tbg. Pressure 200	³⁶ Csg. Pressure 1100
³⁷ Choke Size 64/64	³⁸ Oil 363	³⁹ Water 663	⁴⁰ Gas 759		⁴¹ Test Method P-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: <i>Jennifer Elrod</i> Printed name: JENNIFER ELROD Title: SR. REGULATORY ANALYST E-mail Address: JELROD@CHISHOLMENERGY.COM Date: 02/01/2020		OIL CONSERVATION DIVISION Approved by: <i>P. Martin</i> Title: <i>LM</i> Approval Date: <i>3/5/2020</i> Phone: 817-953-3728	
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HOBBS OCD

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

5. Lease Serial No.
NMLC066126

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CHISHOLM ENERGY OPERATING, L.P. Contact: JENNIFER ELROD
Email: JELROD@CHISHOLMENERGY.COM

8. Lease Name and Well No.
LAGUNA 23 2BS FEDERAL COM 5H

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

3a. Phone No. (include area code)
Ph: 817-953-3728

9. API Well No.
30-025-46394

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESW 225FSL 2055FWL 32.551984 N Lat, 103.532834 W Lon

At top prod interval reported below SESW 367FSL 2148FWL 32.552373 N Lat, 103.532532 W Lon

At total depth NENW 101FNL 2118FWL 32.565601 N Lat, 103.532642 W Lon

10. Field and Pool, or Exploratory
LEA; BONE SPRING, SOUTH

11. Sec., T., R., M., or Block and Survey
or Area Sec 23 T20S R34E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
10/17/2019

15. Date T.D. Reached
11/10/2019

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/07/2019

17. Elevations (DF, KB, RT, GL)*
3681 GL

18. Total Depth: MD
TVD

15495
10525

19. Plug Back T.D.: MD
TVD

15489
10525

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAMMA, CBL, MWD

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	13.375 J-55	54.5	0	1685		1245	389	0	0
12.250	9.625 J-55	40.0	0	5706		1695	407	0	0
8.750	5.500 P-110	20.0	0	15489		1950	741	50	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	10561							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
LEA) BONE SPRING, SOUTH	10661	15455	10661 TO 15455	0.420	1288	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10661 TO 15455	613 BBLs HCL + 139541 BBLs SW W/4542604# 100 MESH + 2596823# 40/70 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
12/11/2019	01/15/2020	24	→	363.0	759.0	663.0	35.0	0.82	GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	200	1100.0	→	363	759	663	2091	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 #504853 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	1590	1954	ANHY	BONE SPRING	8528
SALADO	1955	3537	SALT	1ST BONE SPRING SS	9656
YATES	3538	3830	SS & SH	2ND BONE SPRING SS	10161
CAPITAN REEF	3831	5326	DOL & LS		
DELAWARE MTN GR	5627	8527	SS, SLTST, & SH		
BONE SPRING	8528	9655	LS & SH		
1ST BONE SPRING SS	9656	10160	SS, SLTST, & SH		
2ND BONE SPRING SS	10161	10943	SS, SLTST & SH		

32. Additional remarks (include plugging procedure):
GAS WAS BOTH SOLD AND USED ON LEASE FOR INJECTION/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 #504853 Verified by the BLM Well Information System.
 For CHISHOLM ENERGY OPERATING, LLC, sent to the Hobbs**

Name (please print) JENNIFER ELROD Title SR. REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 02/27/2020

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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