

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

HOBBS OCD
RECEIVED
MAR 02 2020

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 872137
		³ Reason for Filing Code/ Effective Date NW-12/11/2019
⁴ API Number 30 - 0 25-46349	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 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
M	23	20S	34E		50	SOUTH	515	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		100	NORTH	391	WEST	LEA

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

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	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
09/19/2019	12/07/2019	15458'MD/10540'TVD	15439'MD/10540'TVD	10610'-15410'	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375", 54.5#, J-55	1680'	1250		
12.25"	9.625", 40#, J-44	5690'	1530		
8.75"	5.5", 20#, P-110	15458'	2175		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
12/11/2019	12/11/2019	01/16/2020	24	100	800
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
64/64	355	521	613	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: *Jennifer Elrod*

Printed name: JENNIFER ELROD

Title: SR. REGULATORY ANALYST

E-mail Address: JELROD@CHISHOLMENERGY.COM

Date: 02/01/2020

Phone: 817-953-3728

OIL CONSERVATION DIVISION

Approved by: *P. Martin*

Title: *L.M.*

Approval Date: *3/5/2020*

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

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5. Lease Serial No.
NMLC066128

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
LAGUNA 23 2BS FEDERAL COM 4H

9. API Well No.
30-025-46349

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

17. Elevations (DF, KB, RT, GL)*
3680 GL

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

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

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 50FSL 515FWL 32.551508 N Lat, 103.537831 W Lon
At top prod interval reported below SWSW 363FSL 390FWL 32.552368 N Lat, 103.538235 W Lon
At total depth NWNW 100FNL 391FWL 32.565614 N Lat, 103.538247 W Lon

14. Date Spudded
09/19/2019

15. Date T.D. Reached
10/08/2019

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

18. Total Depth: MD 15458
TVD 10540

19. Plug Back T.D.: MD 15439
TVD 10540

20. Depth Bridge Plug Set: MD
TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1680		1250	389	0	0
12.250	9.625 J-55	40.0	0	5690		1530	650	0	0
8.750	5.500 P-110	20.0	0	15458		2175	842	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	10491							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
LEA) BONE SPRING, SOUTH	10610	15410	10610 TO 15410	0.420	1288	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10610 TO 15410	702 BBLs HCL + 139217 BBLs SW W/4641672# 100 MESH + 2608530# 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	01/16/2019	24	→	355.0	613.0	521.0	36.0	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	
64	100 SI	800.0	→	355	613	521	1727	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #504857 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

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	3530	SS & SH	2ND BONE SPRING SS	10161
CAPITAN REEF	3831	5626	DOL & LS		
DELAWARE MTN GR	5327	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 #504857 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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