

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB 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 LEO Contact: JENNIFER ELROD  
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 Sec 24 T19S R32E Mer NMP NENE 125FNL 750FEL 32.652713 N Lat, 103.713597 W Lon  
At top prod interval reported below Sec 24 T19S R32E Mer NMP NWNE 165FNL 1660FEL 32.652590 N Lat, 103.716610 W Lon  
At total depth Sec 25 T19S R32E Mer NMP SWSE 110FSL 2120FEL 32.624321 N Lat, 103.718057 W Lon

5. Lease Serial No. NMNM86144

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. NMNM139208

8. Lease Name and Well No. DIAMONDBACK 24-25 FED COM 2BS 1H

9. API Well No. 30-025-45006-00-S1

10. Field and Pool, or Exploratory LUSK - BONE SPRING, EAST

11. Sec., T., R., M., or Block and Survey or Area Sec 24 T19S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 07/30/2018 15. Date T.D. Reached 09/24/2018 16. Date Completed MD TVD 20345 10020 ☐ D & A ☒ Ready to Prod. 12/18/2018

17. Elevations (DF, KB, RT, GL)\* 3619 GL

18. Total Depth: MD TVD 2360 10020 19. Plug Back T.D.: MD TVD 20345 10020 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MWD;CBL;GAMMA 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	1220		1025	298	0	0
12.250	9.625 HCL-80	40.0	0	5510		1895	1241	0	0
8.750	5.500 P-110	20.0	0	20350		3210	937	3675	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	9387	9383						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9845	20292	9845 TO 20292	0.000	2800	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
9845 TO 20292	1202 BBLs HCL + 422990 BBLs SW W/13385749# 100 MESH + 7604558# 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
12/26/2018	02/08/2019	24	→	605.0	313.0	876.0	49.0	0.72	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI 3400	250.0	→	605	313	876	517	PDW	

## 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 #459489 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Due: 6/18/2019

HOBBBS OCD  
HOBBS  
AUG 28 2019  
RECEIVEDACCEPTED FOR RECORD  
AUG 20 2019  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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	1200	1507	ANHY	CAPITAN REEF	3338
SALADO	1507	3145	SALT	BONE SPRING	7686
YATES	3146	3337	SS & SH	BONE SPRING 1ST	8883
CAPITAN REEF	3338	5480	DOL & LS	BONE SPRING 2ND	9456
DELAWARE	5481	7685	SS, SLTST, & SH		
BONE SPRING	7686	8832	LS & SH		
BONE SPRING 1ST	8833	9455	SS, SLTST, & SH		

32. Additional remarks (include plugging procedure):  
FIRST GAS PRODUCTION-01/21/2019

## 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 #459489 Verified by the BLM Well Information System.  
For CHISHOLM ENERGY OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH HAM on 06/07/2019 (19DMH0104SE)

Name (please print) JENNIFER ELROD

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/28/2019

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

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

☒ AMENDED REPORT  
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-45006	<sup>2</sup> Pool Code 41442	<sup>3</sup> Pool Name LUSK; BONE SPRING, EAST
<sup>4</sup> Property Code 322152	<sup>5</sup> Property Name DIAMONDBACK 24-25 FED COM 2BS	<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 372137	<sup>8</sup> Operator Name CHISHOLM ENERGY OPERATING, LLC	<sup>9</sup> Elevation 3619.8

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	19S	32E		125	FNL	750	FEL	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	25	19S	32E		110	FSL	2120	FEL	LEA

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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>KOP LAT 32.652697 LONG -103.715452 125 FNL 1308 FEL NAD83</p> <p>TOP PERF LAT 32.65259 LONG -103.71691 165 FNL 1660 FEL NAD83</p> <p>BHL LOCATION LAT 32.624321 LONG -103.718057 N = 730763.78 E = 591407.17 NMSPC NAD83</p> <p>BHL 110 FSL 2120 FEL</p> <p>SURFACE LOCATION LAT 32.652713 LONG -103.713597 N = 732076.52 E = 601744.44 NMSPC NAD83</p> <p>TOE PERF LAT 32.624833 LONG -103.718121 295 FSL 2140 FEL NAD83</p> <p>Survey points: N 727538.04 S 601847.18 N 732809.82 S 601866.47 N 727573.65 S 598569.04 N 732848.52 S 598584.79 N 727611.29 S 591291.51 N 732883.38 S 591302.57</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> 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> 12/19/2018 Signature Date</p> <p>JENNIFER ELROD Printed Name</p> <p>jelrod@chisholmenenergy.com E-mail Address</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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 Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>
--	---