

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 LOG

OCD  
HOBBS  
AUG 22 2019  
RECEIVED

5. Lease Serial No. NMNM0559539

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. JAMES 19 FEDERAL 34H

9. API Well No. 30-025-45020-00-S1

10. Field and Pool, or Exploratory SAND DUNES-BONE SPRING, SOUTH

11. Sec., T., R., M., or Block and Survey or Area Sec 19 T23S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 10/30/2018 15. Date T.D. Reached 11/09/2018 16. Date Completed  D & A  Ready to Prod. 01/29/2019 17. Elevations (DF, KB, RT, GL)\* 3640 GL

18. Total Depth: MD 13650 TVD 9003 19. Plug Back T.D.: MD 13647 TVD 9002 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL RBL 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	48.0	0	1212		1145		0	
12.250	9.625 J-55	40.0	0	4678		1510		0	
8.750	5.500 L-80	20.0	0	13650		2200		3600	

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	8602	8602						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8600	13622	9106 TO 13622	0.000	646	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9106 TO 13622	187,558 BBLs TOTAL FLUID & 9,552,418# 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
01/29/2019	02/28/2019	24	→	1071.0	3725.0	630.0	44.2		GAS-LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36	SI	363.0	→	1071	3725	630	3478	FLOW	

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		→						

ACCEPTED FOR RECORD  
JUL 23 2019  
*[Signature]*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #463247 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

Reclamation Due: 7/29/2019

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
BELL CANYON	4805	5630	WATER		
CHERRY CANYON	5630	6960	WATER		
BONE SPRING	8600		WATER, OIL, GAS		

32. Additional remarks (include plugging procedure):  
Emailed logs to Zota Stevens & Chris Walls.

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 #463247 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by DINAH NEGRETE on 07/22/2019 (19DCN017ISE)**

Name (please print) FATIMA VASQUEZ Title REGULATORY ANALYST

Signature (Electronic Submission) Date 04/26/2019

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 \*\***

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-45020		<sup>2</sup> Pool Code 53805		<sup>3</sup> Pool Name Sand Dunes; Bone Spring South	
<sup>4</sup> Property Code 313485		<sup>5</sup> Property Name JAMES 19 FEDERAL		<sup>6</sup> Well Number 34H	
<sup>7</sup> OGRID No. 215099		<sup>8</sup> Operator Name CIMAREX ENERGY CO.		<sup>9</sup> Elevation 3639.4'	

<sup>10</sup> Surface Location

UL or Int no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	23S	32E		390	NORTH	2310	EAST	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	19	23S	32E		102	SOUTH	2258	EAST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

<sup>16</sup>

*S89°38'06"W - 5486.45' (Meas.)*

**NAD 83 (SURFACE HOLE LOCATION)**  
 LATITUDE = 32°17'46.19" (32.296164°)  
 LONGITUDE = 103°42'45.66" (103.712682°)  
**NAD 27 (SURFACE HOLE LOCATION)**  
 LATITUDE = 32°17'45.75" (32.296041°)  
 LONGITUDE = 103°42'43.91" (103.712197°)  
**STATE PLANE NAD 83 (N.M. EAST)**  
 N: 472031.92' E: 733112.62'  
**STATE PLANE NAD 27 (N.M. EAST)**  
 N: 471972.36' E: 691929.31'

LOT 1

LOT 2

19

LOT 3

LOT 4

**SCALE**  
 DRAWN BY: S.F. 10-01-17  
 REV: 3 R.J. 07-17-18 (SHL & BHL MOVE)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°27'47"E	49.83'

● = SURFACE HOLE LOCATION  
 ○ = BOTTOM HOLE LOCATION/ LTP  
 ◇ = LANDING POINT/FTP  
 ▲ = SECTION CORNER LOCATED

*S89°37'16"W - 5489.18' (Meas.)*

**<sup>17</sup> OPERATOR CERTIFICATION**

*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.*

4/23/2019

Signature \_\_\_\_\_ Date \_\_\_\_\_

Fatima Vasquez

Printed Name \_\_\_\_\_

fvasquez@cimarex.com

E-mail Address \_\_\_\_\_

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**<sup>18</sup> SURVEYOR CERTIFICATION**

*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.*

August 31, 2017

Date of Survey \_\_\_\_\_  
 Signature and Seal of Professional Surveyor: \_\_\_\_\_

Certificate Number: \_\_\_\_\_