

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMNM0559539

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 Contact: MICHELLE CHAPPELL  
 CIMAREX ENERGY COMPANY OF TEXAS Email: mchappell@cimarex.com

3. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701 3a. Phone No. (include area code) Ph: 432-620-1959

8. Lease Name and Well No. JAMES FEDERAL 22H

9. API Well No. 30-025-41363-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NENE 185FNL 660FEL 32.165595 N Lat, 103.412496 W Lon  
 At top prod interval reported below NENE 185FNL 660FEL  
 At total depth SESE 368FSL 409FEL

10. Field and Pool, or Exploratory SAND DUNES

11. Sec., T., R., M., or Block and Survey or Area Sec 29 T23S R32E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 08/29/2014 15. Date T.D. Reached 09/30/2014 16. Date Completed  D & A  Ready to Prod. 02/14/2015

17. Elevations (DF, KB, RT, GL)\* 3690 GL

18. Total Depth: MD 13853 TVD 9456 19. Plug Back T.D.: MD 13808 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 3690 GL 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 J55	48.0	0	1309		1050		0	
12.250	9.625 J55	40.0	0	4785		1400		0	
8.750	7.000 P110	26.0	0	9654	6988	800		4250	
6.125	4.500 L80	13.5	8611	13853		590		8611	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8704	8704						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING SOUTH	9300	13739	9300 TO 13739	0.000	828	OPEN(53805) BS, South
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
9300 TO 13739	6,796,245 GALS OF FLUID & 6,482,066# OF SAND

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/12/2015	03/20/2015	24	→	585.0	1121.0	1388.0	44.9		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
28	SI	920	→	585	1121	1388	522	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 #298737 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
 \*\* BLM REVISED \*\*

HOBBS OGD  
MAY 19 2015

RECEIVED

ACCEPTED FOR RECORD

MAY 7 2015

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

MAY 19 2015

Kx

am

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
DELAWARE BONE SPRING	4815 8525	8525 15275	SANDSTONE: WATER SANDSTONE, SHALE, LIMESTONE	DELAWARE BONE SPRING	4815 8525

32. Additional remarks (include plugging procedure):

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 #298737 Verified by the BLM Well Information System.  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by LINDA JIMENEZ on 04/29/2015 (15LJ0987SE)**

Name(*please print*) MICHELLE CHAPPELL

Title REGULATORY TECHNICIAN

Signature \_\_\_\_\_ (Electronic Submission)

Date 04/20/2015

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 \*\***