

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD-REC'D: 4/16/2020

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				5. Lease Serial No. NMNM132062	
2. Name of Operator    Contact: TERRI STATHEM CIMAREX ENERGY COMPANY    E-Mail: tstatthem@cimarex.com				6. If Indian, Allottee or Tribe Name	
3. Address    600 N MARIENFELD STREET STE 600 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-620-1936		7. Unit or CA Agreement Name and No.
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 25 T24S R26E Mer NMP At surface    SESW 192FSL 2167FWL 32.181411 N Lat, 104.248119 W Lon Sec 25 T24S R26E Mer NMP At top prod interval reported below    SESW 192FSL 2167FWL 32.181411 N Lat, 104.248119 W Lon Sec 24 T25S R26E Mer NMP At total depth    NWNE 362FNL 2080FEL 32.209061 N Lat, 104.244725 W Lon				8. Lease Name and Well No. BLACK RIVER 25 FED COM 2H	
14. Date Spudded 07/24/2019				15. Date T.D. Reached 08/20/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/09/2019				9. API Well No. 30-015-43377-00-S1	
17. Elevations (DF, KB, RT, GL)* 3313 GL				10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)	
18. Total Depth:    MD    18644 TVD    8816				19. Plug Back T.D.:    MD    18590 TVD    8816	
20. Depth Bridge Plug Set:    MD TVD				11. Sec., T., R., M., or Block and Survey or Area    Sec 25 T24S R26E Mer NMP	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				12. County or Parish EDDY	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)				13. State NM	

## 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	412		480		0	0
12.250	9.625 J55	36.0	0	1970		730		0	0
8.750	7.000 P110	29.0	0	7237		3120		0	0
8.500	5.500 P110	20.0	7237	18590					

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	7226	7226						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP			9025 TO 18550	0.420	993	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
9025 TO 18550	434551 BBLs TOTAL FLUID; 22520891# 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
12/16/2019	12/21/2019	24		598.0	1391.0	9463.0	45.0		GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	0	938.0		598	1391	9463	2326	PGW	

## 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 #496852 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

9/15/2020 AB

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
DELAWARE BONE SPRING WOLFCAMP	1892 5410 8540	5410 8540 18644	SANDSTONE: OIL WATER GAS SANDSTONE OIL WATER GAS SHALE GAS OIL WATER	RUSTLER DELAWARE BONE SPRING WOLFCAMP	0 1892 5410 8540

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 #496852 Verified by the BLM Well Information System.**  
**For CIMAREX ENERGY COMPANY, sent to the Carlsbad**  
**Committed to AFMSS for processing by DEBORAH HAM on 02/11/2020 (20DMH0103SE)**

Name(*please print*) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature \_\_\_\_\_ (Electronic Submission) Date 12/21/2019

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 \*\***

## Revisions to Operator-Submitted EC Data for Well Completion #496852

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM132062	NMNM132062
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 600 N. MARIENFELD ST, STE 600 MIDLAND, TX 79701 Ph: 432-620-1936	CIMAREX ENERGY COMPANY 600 N MARIENFELD STREET STE 600 MIDLAND, TX 79701 Ph: 432.620.1936
Admin Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Tech Contact:	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936	TERRI STATHEM MANAGER REGULATORY COMPLIANCE E-Mail: tstathem@cimarex.com  Ph: 432-620-1936
Well Name: Number:	BLACK RIVER 25 FEDERAL COM 2H	BLACK RIVER 25 FED COM 2H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 25 T24S R26E Mer 1PM	Sec 25 T24S R26E Mer NMP
Surf Loc:	SESW 192FSL 2167FWL 32.181411 N Lat, 104.248119 W Lon	SESW 192FSL 2167FWL 32.181411 N Lat, 104.248119 W Lon
Field/Pool:	PURPLE SAGE WOLFCAMP GAS	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:		
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	DELAWARE BONE SPRING WOLFCAMP	DELAWARE BONE SPRING WOLFCAMP
Markers:	RUSTLER DELAWARE BONE SPRING WOLFCAMP	RUSTLER DELAWARE BONE SPRING WOLFCAMP