

MAR 19 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM92167

RECEIVED

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
CIMAREX ENERGY COMPANY Contact: TERRI STATHEM
E-Mail: tstathem@cimarex.com

3. Address 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346
 3a. Phone No. (include area code) Ph: 432-620-1996

4. Location of Well (Report location clearly and in accordance with Federal Regulations)
 At surface SWSW 350FSL 1190FWL 32.152740 N Lat, 104.284148 W Lon
 At top prod interval reported below SWSW 350FSL 1190FWL
 At total depth SWSW 350FSL 1190FWL

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 8. Lease Name and Well No. DAVINCI 7-18 FEDERAL COM 6H
 9. API Well No. 30-015-44220-00-X1
 10. Field and Pool, or Exploratory WOLFCAMP
 11. Sec., T., R., M., or Block and Survey or Area Sec 6 T25S R27E Mer NMP
 12. County or Parish EDDY
 13. State NM
 14. Date Spudded 10/12/2017
 15. Date T.D. Reached 11/05/2017
 16. Date Completed D & A Ready to Prod. 01/12/2018
 17. Elevations (DF, KB, RT, GL)* 3281 GL
 18. Total Depth: MD 18854 TVD 10655
 19. Plug Back T.D.: MD 18765 TVD
 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

Carlsbad Field Office
OCD Artesia

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 J55	48.0	0	435		570		0	0
12.250	9.625 J55	36.0	0	1998		840		0	0
8.750	7.000 L80	32.0	0	8830		775		0	0
6.000	4.500 P110	11.6	7206	18854		775	7206		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)
3.500	7182	7182						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9162	18760	9162 TO 18760	0.380	1610	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9162 TO 18760	448868 BBLs TOTAL FLUID; 22559015# 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
01/27/2018	02/01/2018	24	→	360.0	987.0	5091.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24	SI 1168	657.0	→	360	987	5091	2741		

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	Well Status
			→						
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
MAR 12 2018
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #405614 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

1/29/18

Interim Reclamation must be completed 6 months from 1/12/18.

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	2085	2946	SANDSTONE; WATER	RUSTLER	0
CHERRY CANYON	2979	3979	SANDSTONE WATER	CASTILE	1830
BRUSHY CANYON	4158	5568	SANDSONTE WATER MINOR GAS	SALADO	1830
BONE SPRING	5806	6122	SHALE GAS AND WATER	BELL CANYON	2040
WOLFCAMP	8852	18854	SHALE GAS OIL AND WATER	CHERRY CANYON	2946
				BRUSHY CANYON	4087
				BONE SPRING	5568
				WOLFCAMP	8852

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 #405614 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DUNCAN WHITLOCK on 02/28/2018 (18DW0070SE)**

Name (please print) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature _____ (Electronic Submission) Date 02/23/2018

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 ****

Revisions to Operator-Submitted EC Data for Well Completion #405614

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM92167	NMNM92167
Agreement:		
Operator:	CIMAREX ENERGY COMPANY 202 S CHEYENNE AVE., STE. 1000 TULSA, OK 74103 Ph: 432-620-1936	CIMAREX ENERGY COMPANY 202 S CHEYENNE AVE SUITE 1000 TULSA, OK 74103.4346 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:	DA VINCI 7-18 FEDERAL COM 6H	DAVINCI 7-18 FEDERAL COM 6H
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 6 T25S R27E Mer SWSW Lot 7 350FSL 1190FWL	NM EDDY Sec 6 T25S R27E Mer NMP SWSW 350FSL 1190FWL 32.152740 N Lat, 104.234146 W Lon
Field/Pool:	PURPLE SAGE WOLFCAMP GAS	WOLFCAMP
Logs Run:	NONE	NONE
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING BONE SPRING WOLFCAMP	BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP
Markers:	RUSTLER SALADO CASTILLE BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP	RUSTLER CASTILE SALADO BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING WOLFCAMP