

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.:
NMNM92167

1a. Type of Well Oil Well Gas Well Dry Other
1b. 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
CIMAREX ENERGY COMPANY Contact: AMITHY E CRAWFORD
E-Mail: acrawford@cimarex.com

8. Lease Name and Well No.
DAVINCI 7-18 FEDERAL COM 9H

3. Address 600 N MARIENFELD STE 600
MIDLAND, TX 79701 3a. Phone No. (include area code)
Ph: 432-620-1909

9. API Well No.
30-015-44697-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 6 T25S R27E Mer NMP
At surface Lot 7 410FSL 1050FWL 32.152901 N Lat, 104.234596 W Lon
Sec 7 T25S R27E Mer NMP
At top prod interval reported below Lot 1 335FNL 373FWL
Sec 18 T25S R27E Mer NMP
At total depth Lot 4 330FSL 376FWL

10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)

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
05/02/2018 15. Date T.D. Reached
07/01/2018 16. Date Completed
 D & A Ready to Prod.
10/12/2018

17. Elevations (DF, KB, RT, GL)*
3279 GL

18. Total Depth: MD 19984 TVD 9744 19. Plug Back T.D.: MD 19968 TVD 9744 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)

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	457		575		0	230
12.250	9.625 J55	36.0	0	2015		825		0	298
8.750	7.000 N80	26.0	0	9832		1050		0	334
6.000	4.500 HCP110	13.5	8165	19992		825		9632	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10050	19945	10050 TO 19945	0.400	1269	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10050 TO 19945	FRAC WITH 24407890 GAL SLICKWATER AND 22870197 LBS 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
10/12/2018	10/18/2018	24	→	809.0	9941.0	3897.0	45.9		FLOW FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34	SI	3244.0	→	809	9941	3897	12288	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		→						

ACCEPTED FOR RECORD
MAR 30 2019
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #451618 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

Reclamation Due: 4/12/2019

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
SALADO	1178	1837	BARREN	CASTILE	1837
CASTILE	1837	2043	BARREN	BELL CANYON	2043
BELL CANYON	2043	3022	OIL GAS WATER	CHERRY CANYON	3022
CHERRY CANYON	3022	5234	OIL GAS WATER	BRUSHY CANYON	4050
BRUSHY CANYON	5234	5545	OIL GAS WATER	BONE SPRING	5545
BONE SPRING	5545	8623	OIL GAS WATER	WOLFCAMP	8623
WOLFCAMP	8623		OIL GAS WATER		

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 #451618 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 03/25/2019 (19DCN0180SE)

Name (please print) AMITHY E CRAWFORD Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 01/23/2019

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 ****

