

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 AND LOG

5. Lease Serial No.
NNNM137469

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: AMEREDEV OPERATING, LLC Contact: CHRISTIE HANNA E-Mail: channa@ameredev.com

3. Address: 5707 SOUTHWEST PARKWAY BUILDING 1, SUITE 275 AUSTIN, TX 78735 Phone No. (include area code) Ph: 737-300-4700

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 31 T25S R36E Mer NMP SESW 230FSL 2348FWL 32.080208 N Lat, 103.305142 W Lon
At top prod interval reported below Sec 31 T25S R36E Mer NMP SESW 100FSL 2339FWL 32.079852 N Lat, 103.305170 W Lon
At total depth Sec 30 T25S R36E Mer NMP NENW 52FNL 2342FWL 32.108477 N Lat, 103.305170 W Lon

5a. Phone No. (include area code) Ph: 737-300-4700

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. NANDINA FED COM 25 36 31 114H

9. API Well No. 30-025-46334

10. Field and Pool, or Exploratory JAL; WOLFCAMP WEST

11. Sec., T., R., M., or Block and Survey or Area Sec 31 T25S R36E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 09/28/2019 15. Date T.D. Reached 11/08/2019 16. Date Completed D & A Ready to Prod. 12/22/2019 17. Elevations (DF, KB, RT, GL)* 3017 GL

18. Total Depth: MD 22573 TVD 11873 19. Plug Back T.D.: MD 22572 TVD 11873 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA 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	68.0	0	1180	1180	1190	280	0	
9.875	7.625 L80	29.7	0	11815	11815	910	601	0	
6.750	5.500 P110	23.0	0	22572	22572	1400	424	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)
2.875	10847	10846						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12321	22500	12321 TO 22500	0.380	4098	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12321 TO 22500	33,198,352 LBS PROPPANT, 31,102,386 GAL FLUIDS

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
12/29/2019	01/20/2020	24	→	1644.0	1729.0	4374.0	40.6		FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
128	SI 450	1200.0	→	1644	1729	4374		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 #505589 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

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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.)
FLARED

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
SAND/SILTS/CLAY	0	1044	SILTY LIMESTONE, OIL/NAT. GAS SILTY LIMESTONE, OIL/NAT. GAS	ANHYDRITE	1044
ANHYDRITE/DOLOMITE	1044	1376		SALT	1376
ANHYDRITE/SALT	1376	3685		LAMAR	5075
LIMESTONE/DOLOMITE	3685	8455		BELL CANYON	5084
SANDS/SILTS/LIMESTONE	8455	9791		BRUSHY CANYON	8455
LIMESTONE/MINOR SANDS & SILTS	9791	11481		BONE SPRING	9791
WOLFCAMP	11481			WOLFCAMP	11481

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 #505589 Verified by the BLM Well Information System.
For AMEREDEV OPERATING, LLC, sent to the Hobbs**

Name (please print) SHANE MCNEELY Title OPERATIONS ENGINEER

Signature _____ (Electronic Submission) Date 03/04/2020

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.

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