

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.
NMNM137469

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
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 _____		7. Unit or CA Agreement Name and No.
2. Name of Operator AMEREDEV OPERATING, LLC Contact: CHRISTIE HANNA E-Mail: channa@ameredev.com		8. Lease Name and Well No. NANDINA FED COM 25 36 31 121H
3. Address 5707 SOUTHWEST PARKWAY BUILDING 1, SUITE 275 AUSTIN, TX 78735		9. API Well No. 30-025-46196
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 31 T25S R36E Mer NMP At surface SWSW 230FSL 430FWL 32.080205 N Lat, 103.311334 W Lon Sec 31 T25S R36E Mer NMP At top prod interval reported below SWSW 100FSL 479FWL 32.079848 N Lat, 103.311176 W Lon Sec 30 T25S R36E Mer NMP At total depth NWNW 51FNL 437FWL 32.108471 N Lat, 103.311323 W Lon		10. Field and Pool, or Exploratory JAL; WOLFCAMP WEST
14. Date Spudded 07/26/2019		11. Sec., T., R., M., or Block and Survey or Area Sec 31 T25S R36E Mer NMP
15. Date T.D. Reached 09/08/2019		12. County or Parish LEA
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/22/2019		13. State NM
17. Elevations (DF, KB, RT, GL)* 3023 GL		

18. Total Depth: MD 23136 TVD 12221	19. Plug Back T.D.: MD 22285 TVD 12221	20. Depth Bridge Plug Set: MD TVD
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMA	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)
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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	1096	1096	1150	270	0	
9.875	7.625 L80	29.7	0	11699	11699	1370	606	0	
6.750	5.500 P110	23.0	0	22285	22285	1315	340	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	11780	11779						

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12684	22285	12684 TO 22285	0.490	4814	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12684 TO 22285	30,150,800 LBS PROPPANT, 25,690,308 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
12/27/2019	01/25/2020	24	→	976.0	1164.0	5796.0	40.2		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	650 SI	1000.0	→	976	1164	5796		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	
			→						

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

ELECTRONIC SUBMISSION #505592 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

PM

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	940		ANHYDRITE	940
ANHYDRITE/DOLOMITE	940	1187		SALT	1187
ANHYDRITE/SALT	1187	3633		LAMAR	5069
LIMESTONE/DOLOMITE	3633	8493		BELL CANYON	5076
SANDS/SILTS/LIMESTONE	8493	9784		BRUSHY CANYON	8493
LIMESTONE/MINOR SANDS & SILTS	9784	11535	SILTY LIMESTONE, OIL/NAT. GAS	BONE SPRING	9784
WOLFCAMP	11535		SILTY LIMESTONE, OIL/NAT. GAS	WOLFCAMP	11535

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 #505592 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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