



CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 11 2020

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

EMNRD-OCD ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM59383

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 **NOVO OIL & GAS N DELAWARE LLC** Contact: **KURT SHIPLEY**
E-Mail: **kshipley@novooog.com**

3. Address **1001 W. WILSHIRE BLVD. SUITE 206 OKLAHOMA CITY, OK 73116** 3a. Phone No. (include area code)
Ph: **405-286-3916**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **SESE 1241FSL 669FEL**
At top prod interval reported below **Sec 5 T23S R29E Mer NMP SWSW 407FSL 330FWL**
At total depth **Sec 4 T23S R29E Mer NMP SWSE 382FSL 1550FEL**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No.
RANA SALADA FED COM 0504 234H

9. API Well No. **30-015-46088**

10. Field and Pool, or Exploratory
PURPLE SAGE WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area **Sec 6 T23S R29E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **07/13/2019** 15. Date T.D. Reached **08/16/2019** 16. Date Completed D & A Ready to Prod.
11/24/2019

17. Elevations (DF, KB, RT, GL)*
3039 GL

18. Total Depth: MD **19892** TVD **10932** 19. Plug Back T.D.: MD **19833** TVD **10932** 20. Depth Bridge Plug Set: MD **19833** TVD **10932**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR

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	54.5	0	250		260	62	0	0
12.250	9.625 J55	40.0	0	2989		1255	387	0	0
8.750	7.625 P110	29.7	0	8456		705	307	0	0
6.750	5.500 P110	23.0	0	19881		1300	299	0	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)
0.000	0	0						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11157	19736	11157 TO 19736	0.460	1376	OPEN/PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11157 TO 19736	11,018 GAL FR, 11826 GAL CLAY CONTROL 101, 4666 GAL SCALE STOP 54, 11,770 GAL SURFACTANT 201,

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
11/24/2019	12/27/2019	24	→	1243.0	8578.0	3573.0	52.0	0.83	FLOWS 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 0	3529.0	→	1243	8578	3573	6901	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 #502527 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

R: 1/23/20
W: data

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.)
CAPTURED

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
RUSTLER	313	764	ANHY.	RUSTLER	313
SALADO	764	1404	SALT	SALADO	764
CASTILE	1404	2870	ANHY.	CASTILE	1404
DELAWARE	2870	6466	SS,SH,LMS: WATER&OIL	DELAWARE	2870
BONE SPRING	6466	9805	SS,LMS,SH: OIL	BONE SPRING	6466
WOLFCAMP	9805	19892	SS,SH,LMS: OIL	WOLFCAMP	9805

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 #502527 Verified by the BLM Well Information System.
 For NOVO OIL & GAS N DELAWARE LLC, sent to the Carlsbad**

Name (please print) BRIAN WOOD Title CONSULTANT

Signature _____ (Electronic Submission) Date 02/10/2020

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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