

Well Name: RANA SALADA 0112 FED COM	Well Location: T23S / R28E / SEC 1 / LOT 2 / 32.341516 / -104.0372089	County or Parish/State: EDDY / NM
Well Number: 224H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM091078, NMNM91078	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001553472	Well Status: Drilling Well	Operator: NOVO OIL AND GAS NORTHERN DELAWARE LLC

Subsequent Report

Sundry ID: 2761411

Type of Submission: Subsequent Report

Date Sundry Submitted: 11/14/2023

Date Operation Actually Began: 08/28/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 01:22

Actual Procedure: 08/28/2023 - NOTIFY BLM OF INTENT TO SPUD WELL -SPUD WELL 08/29/2023 - NOTIFY BLM OF INTENT TO RUN & CEMENT SURFACE CASING -DRILL 17.5" SURFACE HOLE TO 423' MD -RUN 10 JTS, 13.375", 54.5#, J-55 BTC CSG SET @ 423' MD 08/30/2023 - CEMENT 13.375" SURFACE CASING LEAD - 129 BBLS (525 SXS) CLASS C @ 1.38 YIELD **NO RETURNS THROUGHOUT CEMENT JOB -NOTIFY BLM OF NO CEMENT TO SURFACE -WOC 8 HOURS -RUN TEMP LOG -RELEASE SPUDDER RIG 09/02/2023 - PERFORM TOP OUT CEMENT JOB -PUMP 89 BBLS (370 SXS) CLASS C @ 1.3 YIELD -NO CMNT TO SURFACE -WOC 8 HOURS -PUMP 32 BBLS (133 SXS) CLASS C @ 1.3 YIELD **CIRCULATED 8 BBLS (34 SXS) CEMENT TO SURFACE -WOC 4 HOURS -RELEASE SPUDDER RIG 09/17/2023 - NOTIFIED BLM OF INTENT TO TEST BOPE & RESUME DRILLING OPERATIONS -TEST BOPE; CHOKE, VALVES, RAMS, LINES; 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST -TEST ANNULAR; 250 LOW/3500 HIGH; 10 MIN; GOOD TEST -PRESSURE TEST 13.375" SURFACE CASING TO 1500 PSI; 30 MIN; GOOD TEST -BEGIN DRILLING 9.875" INTERMEDIATE HOLE 09/21/2023 - DRILL 9.875" INTERMEDIATE HOLE TO 9510' MD -NOTIFY BLM OF INTENT TO RUN & CMNT INTERMEDIATE CASING 09/23/2023 - RUN 221 JTS, 8.625", 32# P-110 HC ANACONDA SP CSG SET @ 9498' MD -CMNT 8.625" INTERMEDIATE CASING LEAD - 397 BBLS (870 SXS) CLASS C @ 2.56 YIELD TAIL - 37 BBLS (135 SXS) CLASS C @ 1.54 YIELD **CIRCULATED 93 BBLS (203 SXS) CEMENT TO SURFACE -PRESSURE TESTED 8.625" INT CSG TO 2065 PSI; 30 MIN; GOOD TEST 09/24/2023 - WOC 8 HOURS -RIG RELEASED TO RANA SALADA 214H

Well Name: RANA SALADA 0112 FED COM	Well Location: T23S / R28E / SEC 1 / LOT 2 / 32.341516 / -104.0372089	County or Parish/State: EDDY / NM
Well Number: 224H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM091078, NMNM91078	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001553472	Well Status: Drilling Well	Operator: NOVO OIL AND GAS NORTHERN DELAWARE LLC

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JENNIFER ELROD
Signed on: NOV 14, 2023 01:21 PM
Name: NOVO OIL AND GAS NORTHERN DELAWARE LLC
Title: Senior Regulatory Analyst
Street Address: 300 N MARIENFIELD STREET SUITE 1000
City: MIDLAND **State:** TX
Phone: (940) 452-6214
Email address: JENNIFER.ELROD@PERMIANRES.COM

Field

Representative Name:
Street Address:
City: **State:** **Zip:**
Phone:
Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD
BLM POC Phone: 5752345972
Disposition: Accepted
Signature: Jonathon Shepard
BLM POC Title: Petroleum Engineer
BLM POC Email Address: jshepard@blm.gov
Disposition Date: 11/29/2023

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM91078

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator NOVO OIL AND GAS NORTHERN DELAWARE LLC

3a. Address 228 ST. CHARLES AVENUE, SUITE 912, NEW 3b. Phone No. (include area code)
(504) 523-18314. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 1/T23S/R28E/NMP

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. RANA SALADA 0112 FED COM/224

9. API Well No. 3001553472

10. Field and Pool or Exploratory Area
PURPLE SAGE11. Country or Parish, State
EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

08/28/2023 - NOTIFY BLM OF INTENT TO SPUD WELL

-SPUD WELL

08/29/2023 - NOTIFY BLM OF INTENT TO RUN & CEMENT SURFACE CASING

-DRILL 17.5" SURFACE HOLE TO 423' MD

-RUN 10 JTS, 13.375", 54.5#, J-55 BTC CSG SET @ 423' MD

08/30/2023 - CEMENT 13.375" SURFACE CASING

LEAD - 129 BBLS (525 SXS) CLASS C @ 1.38 YIELD

**NO RETURNS THROUGHOUT CEMENT JOB

-NOTIFY BLM OF NO CEMENT TO SURFACE

-WOC 8 HOURS

-RUN TEMP LOG

-RELEASE SPUDDER RIG

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
JENNIFER ELROD / Ph: (940) 452-6214Senior Regulatory Analyst
Title(Electronic Submission)
Signature

Date 11/14/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted

Petroleum Engineer
Title11/29/2023
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CARLSBAD

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

09/02/2023 - PERFORM TOP OUT CEMENT JOB

-PUMP 89 BBLS (370 SXS) CLASS C @ 1.3 YIELD

-NO CMNT TO SURFACE

-WOC 8 HOURS

-PUMP 32 BBLS (133 SXS) CLASS C @ 1.3 YIELD

**CIRCULATED 8 BBLS (34 SXS) CEMENT TO SURFACE

-WOC 4 HOURS

-RELEASE SPUDDER RIG

09/17/2023 - NOTIFIED BLM OF INTENT TO TEST BOPE & RESUME DRILLING OPERATIONS

-TEST BOPE; CHOKE, VALVES, RAMS, LINES; 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST

-TEST ANNULAR; 250 LOW/3500 HIGH; 10 MIN; GOOD TEST

-PRESSURE TEST 13.375" SURFACE CASING TO 1500 PSI; 30 MIN; GOOD TEST

-BEGIN DRILLING 9.875" INTERMEDIATE HOLE

09/21/2023 - DRILL 9.875" INTERMEDIATE HOLE TO 9510' MD

-NOTIFY BLM OF INTENT TO RUN & CMNT INTERMEDIATE CASING

09/23/2023 - RUN 221 JTS, 8.625", 32# P-110 HC ANACONDA SP CSG SET @ 9498' MD

-CMNT 8.625" INTERMEDIATE CASING

LEAD - 397 BBLS (870 SXS) CLASS C @ 2.56 YIELD

TAIL - 37 BBLS (135 SXS) CLASS C @ 1.54 YIELD

**CIRCULATED 93 BBLS (203 SXS) CEMENT TO SURFACE

-PRESSURE TESTED 8.625" INT CSG TO 2065 PSI; 30 MIN; GOOD TEST

09/24/2023 - WOC 8 HOURS

-RIG RELEASED TO RANA SALADA 214H

Location of Well

0. SHL: LOT 2 / 195 FNL / 1625 FEL / TWSP: 23S / RANGE: 28E / SECTION: 1 / LAT: 32.341516 / LONG: -104.0372089 (TVD: 0 feet, MD: 0 feet)

PPP: SESE / 87 FSL / 330 FEL / TWSP: 23S / RANGE: 28E / SECTION: 36 / LAT: 32.3422881 / LONG: -104.0330209 (TVD: 9900 feet, MD: 10150 feet)

BHL: SENE / 2510 FNL / 330 FEL / TWSP: 23S / RANGE: 28E / SECTION: 12 / LAT: 32.3205902 / LONG: -104.0330847 (TVD: 10036 feet, MD: 18089 feet)

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 303439

CONDITIONS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Action Number: 303439
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	6/24/2025