

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. NMNM61349

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 1001 West Wilshire Boulevard Suite 206, Oklahoma  
3b. Phone No. (include area code)  
(405) 404-04144. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 6/T23S/R29E/NMP

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

8. Well Name and No. RANA SALADA FED COM 0504/133

9. API Well No. 3001546086

10. Field and Pool or Exploratory Area  
Purple Sage/Wolfcamp11. 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.)

Request for workover procedure to install 2 7/8" tubing. See attachment for more information.

Accepted for record – NMOCD

JRH — 05/03/2023 —

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
JUSTIN CARTER / Ph: (405) 286-3375

Title Landman

Signature

Date 03/16/2022

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Jonathon W Shepard / Ph: (575) 234-5972 / Accepted

Title Petroleum Engineer

Date 05/14/2022

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

### Location of Well

0. SHL: NESE / 1443 FSL / 612 FEL / TWSP: 23S / RANGE: 29E / SECTION: 6 / LAT: 32.3309826 / LONG: -104.0175754 ( TVD: 0 feet, MD: 0 feet )

PPP: NWSW / 1860 FSL / 0 FWL / TWSP: 23S / RANGE: 29E / SECTION: 4 / LAT: 32.332193 / LONG: -103.998412 ( TVD: 9761 feet, MD: 15067 feet )

PPP: NWSW / 1860 FSL / 0 FWL / TWSP: 23S / RANGE: 29E / SECTION: 5 / LAT: 32.332096 / LONG: -104.015553 ( TVD: 9652 feet, MD: 9761 feet )

PPP: NESE / 1443 FSL / 612 FEL / TWSP: 23S / RANGE: 29E / SECTION: 6 / LAT: 32.3309826 / LONG: -104.0175754 ( TVD: 0 feet, MD: 0 feet )

BHL: NESE / 1870 FSL / 330 FEL / TWSP: 23S / RANGE: 29E / SECTION: 4 / LAT: 32.3322813 / LONG: -103.9823504 ( TVD: 9761 feet, MD: 20017 feet )

Novo Oil & Gas, LLC



CAPITAL WORKOVER PROCEDURE

**AFE NUMBER: 4000006**

Responsibility: Paul Jobe – Senior Operations Engineer  
Brad Walls – Production Superintendent

Procedure Date: March 1, 2022

**Rana Salada Fed Com 0504 133H**  
**API #: 30-015-46086**  
WOLFCAMP B INTERVAL  
1443' FSL & 6607' FEL  
T23S, R29E, SEC 6 SE/4  
GPS Coordinates: 32.3331, -103.99094  
Eddy County, NM

RANA SALADA FED COM 0504 133H CAPITAL WORKOVER



Novo Oil &amp; Gas, LLC

## RANA SALADA FED COM 0504 133H Workover Procedure

Casing: 5-1/2" 20# P110 EC DSC/C-IS+ set @ 18,426 ft  
Liner: None  
Tubing: None  
Elevation: 3,071 ft

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### Pre-Job safety meeting

Before any work is performed there will be a tailgate safety meeting held to discuss the job details, hazards and inspection of equipment. Make sure all safety equipment in proper place: chock blocks, grounding cables, and fire extinguishers.

- Fall protection is required when working at heights. A man lift will be used when deemed appropriate by Novo company representative. Fall protection is required at all times while working from a man lift.
  - Well and tubing string information will be given by the Novo company representative.
  - Understanding of max pull capabilities of workover rig, and weight of tubing in well, as well as weight of work string.
  - Proper PPE required to perform work
  - Designated smoking area
  - Emergency evacuation procedure and designated muster areas
  - Job procedures and designated duties and responsibilities
  - Contingency plans specific to each vendor involved in operations
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1. MIRU Hurricane workover rig.
2. MIRU auxiliary equipment.
3. Install back-pressure valve, remove tree, install and test BOPs.
4. Remove back-pressure valve.
5. RIH with slickline and gauge ring & junk basket to 10,800 ft to verify casing is clear and ready to receive tubing.
6. Pick up and RIH with a total of 325 to 340 joints 2-7/8, 6.5#/ft L80 production tubing (depending on actual tubing joint length) including BHA as described below:
  - BHA:
    - 1 X-Nipple 3.66" OD, 2.31" ID x profile x 2-7/8" (0.81 ft)
    - 1 joint 2-7/8", 6.5 #/ft L80 tubing (~31 ft)
    - 1 XN-Nipple 3.66" OD, 2.2" ID x profile x 2-7/8" (0.82 ft)
    - 1 pump out sub/Wireline re-entry guide 3.67" OD, 2.8" ID, (0.46 ft)
  - Planned EOT @ ~10,547 ft depending on actual tubing joint lengths
7. Land tubing in tubing head, install back-pressure valve in tubing, remove BOP, and reinstall wellhead.

RANA SALADA FED COM 0504 133H CAPITAL WORKOVER

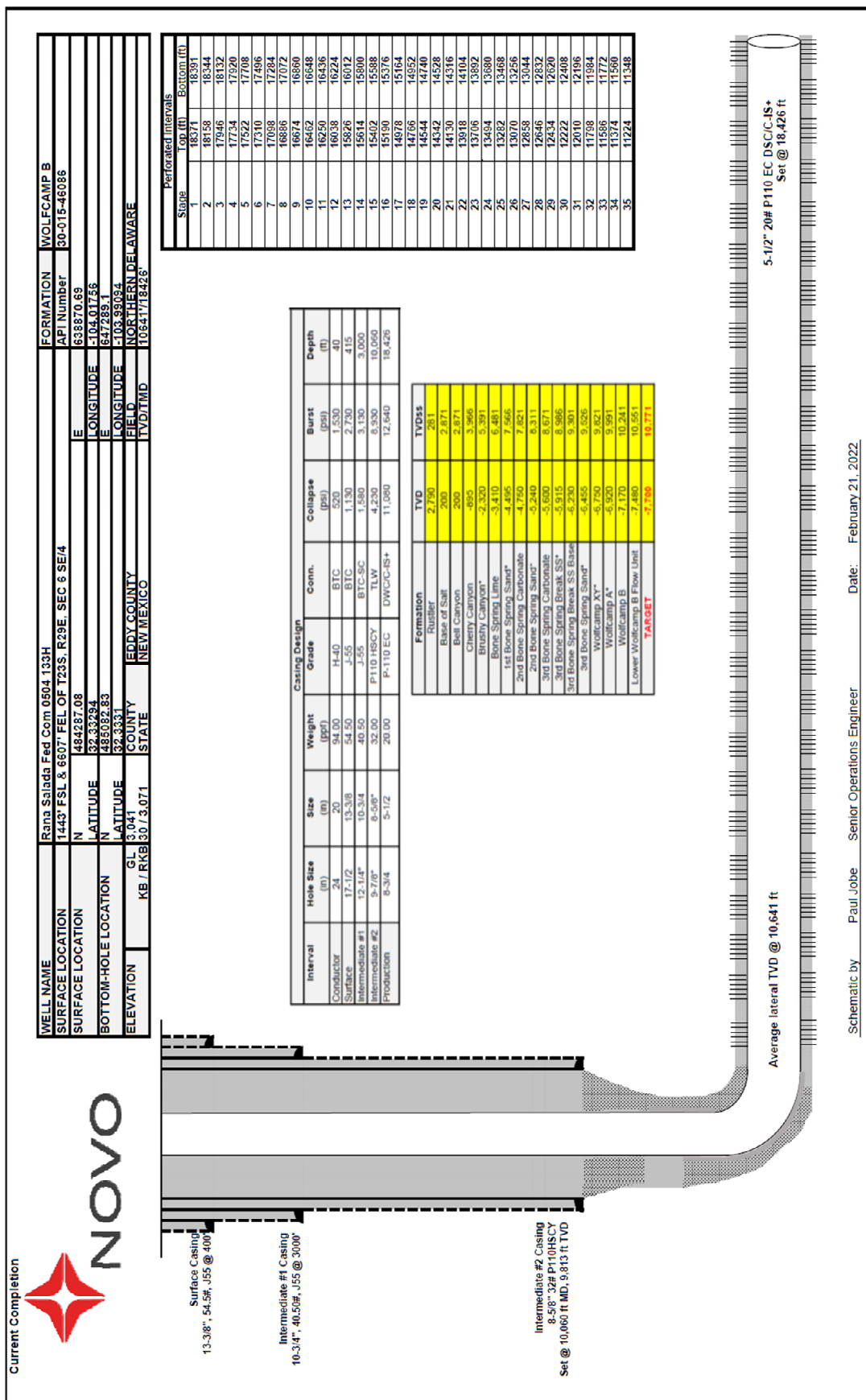
Novo Oil & Gas, LLC

8. Remove back-pressure valve.
9. Rig up pump truck and pump out plug making tubing live
10. Rig down and move off workover rig and auxiliary equipment.
11. Finalize surface connections.
12. Return well to production.

RANA SALADA FED COM 0504 133H CAPITAL WORKOVER

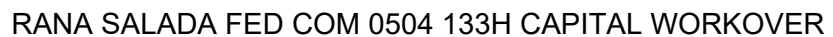
Novo Oil & Gas, LLC

Current Well Schematic:



RANA SALADA FED COM 0504 133H CAPITAL WORKOVER

### Proposed Post-Workover Well Schematic:



Novo Oil &amp; Gas, LLC

**Cost Estimate**

RANA SALADA FED COM 0504 133H

March 1, 2022

Acct Code	Category	Descripton	Unit Cost	Unit	Total Cost
706	Workover Rig	COMPLETION/WORKOVER RIG	\$10,000	4	\$40,000
712	Tool & Equipment Rental	GAS BUSTER - WO FLOWBACK IRON	\$150.00	4	\$600
712	Tool & Equipment Rental	PORTABLES	\$150	4	\$600
712	Tool & Equipment Rental	TELEHANDLER	\$100	4	\$400
717	Trucking	TRUCKING	\$2,500	4	\$10,000
721	Cased hole wireline	CASED HOLE WL GR/JB COMBO	\$10,000	1	\$10,000
726	Supervision	CONSULTING SERVICES/SUPERVISION	\$1,650	4	\$6,600
727	Contract Labor/Services	PRESSURE PUMPING SERVICES	\$1,000.00	1	\$1,000
727	Contract Labor/Services	WELLHEAD	\$2,100.00	2	\$4,200
751	Vaccum truck	VACUUM TRUCK	\$1,000	4	\$4,000
752	Water	WATER	\$1.50	125	\$188
755	Production Tubing	PRODUCTION TUBING - 2-7/8"	\$8.85	10547	\$93,341
	NOTE: 2-7/8" PRODUCTION TUBING IS FROM SOONER PIPE				
					\$170,928
	Contingencies (Miscellaneous Code 747)			10%	\$17,093
	<b>Workover Total</b>				<b>\$188,021</b>

RANA SALADA FED COM 0504 133H CAPITAL WORKOVER

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 206479

CONDITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 206479
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023