

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. **NMNM077002**

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

AVANT OPERATING LLC

3a. Address **1515 WYNKOOP STREET, SUITE 700,
DENVER, CO 80202**3b. Phone No. (include area code)
(720) 746-5045

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

8. Well Name and No.
NELLIS FEDERAL/59. API Well No. **3002531607**10. Field and Pool or Exploratory Area
BUFFALO VALLEY/BUFFALO VALLEY4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 6/T19S/R33E/NMP11. Country or Parish, State
LEA/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" 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 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 type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" 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.)

1) SET 5-1/2" CIBP @ 3,450'; CIRC. WELL W/ M.L.F.; PRES. TEST 5-1/2" CSG. X CIBP TO 500# X HOLD FOR 30 MINS.; RUN CBL. 2) PUMP (75) SXS. CLASS "C" CMT. @ 3,450'-2,880' (T/YATES, B/SALT); WOC X TAG TOC. 3) PUMP (25) SXS. CLASS "C" CMT. @ 1,800'-1,690'; WOC X TAG TOC. 4) PERF. X ATTEMPT TO SQZ. (40) SXS. CLASS "C" CMT. @ 475'-375' (8-5/8" CSG.SHOE). 5) PERF. X CIRC. TO SURF., FILLING ALL ANNULI (40) SXS. CLASS "C" CMT. @ 100'-3'. 6) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER. DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

**See Attached
for Revised Procedure**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

DAVID EYLER / Ph: (432) 687-3033

Title Agent

Signature (Electronic Submission)

Date

04/18/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Long Vo

Title

Petroleum Engineer

Date

5-31-2025

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

CA
Carlsbad Field Office

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)

| | | |
|--------------------------------|---|----------------------------------|
| Well Name: NELLIS FEDERAL | Well Location: T19S / R33E / SEC 6 / SWNW / 32.6911432 / -103.7090907 | County or Parish/State: LEA / NM |
| Well Number: 5 | Type of Well: OIL WELL | Allottee or Tribe Name: |
| Lease Number: NMNM077002 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 300253160700S1 | Operator: AVANT OPERATING LLC | |

LONG VO

Digitally signed by LONG VO
Date: 2025.05.31 11:15:49
-05'00'

Notice of Intent

Sundry ID: 2848190

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/18/2025

Time Sundry Submitted: 06:42

Date proposed operation will begin: 06/20/2025

Procedure Description: 1) SET 5-1/2" CIBP @ 3,444'; CIRC. WELL W/ M.L.F.; PRES. TEST 5-1/2" CSG. X CIBP TO 500# X HOLD FOR 30 MINS.; RUN CBL. 2) PUMP (75) SXS. CLASS "C" CMT. @ 3,444' to 2850' (T/YATES, B/ SALT); WOC X TAG TOC. 3) PUMP (25) SXS. CLASS "C" CMT. @ 1,800'-1618'; WOC X TAG TOC. 4) PERF. X circulate. (114) SXS. CLASS "C" CMT. @ 475'-surface (8-5/8" CSG.SHOE). FILLING ALL ANNULI, 6) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER. DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Avant_Operating___Proposed_WBD___Nellis_Federal_005_20250418184108.pdf

Avant_Operating___Current_WBD___Nellis_Federal_005_20250418184045.pdf

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Well Number: 5

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM077002

Unit or CA Name:

Unit or CA Number:

US Well Number: 300253160700S1

Operator: AVANT OPERATING 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: DAVID EYLER

Signed on: APR 18, 2025 06:42 PM

Name: AVANT OPERATING LLC

Title: Agent

Street Address: 415 W. WALL AVE., SUITE 1118

City: MIDLAND

State: TX

Phone: (432) 687-3033

Email address: DEYLER@MILAGRO-RES.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

APPROVED by Long Vo
Petroleum Engineer
Carlsbad Field Office
575-988-50402
LVO@BLM.GOV

PLUGGING & ABANDONMENT WORKSHEET

30 -- 025 - 31607

CURRENT

 OPERATOR AVANT OPERATING LLC
 LEASENAME NELLIS FEDERAL
WELL # 005SECT 06 TWN 19S RNG 33EFROM E 1,980' NSL 660' EWLTD: 3,750' FORMATION @ TDPBDT: 3,661' FORMATION @ PBDT

8-5/8"
@ 425'
 TOC SURF.

2-7/8" @ 3,577'
+/- 140 RODS?

3,494' - 3,522'

5-1/2"
@ 3,750'
 TOC 555'

TD 3,750'

| | SIZE | SET @ | TOC | TOC DETERMINED BY |
|----------|--------------|--------|--------------|-------------------|
| SURFACE | 8-5/8" | 425' | SURF. | CIRC. |
| INTMED 1 | | | | |
| INTMED 2 | | | | |
| PROD | 5-1/2" | 3,750' | 555' | TEMP. SURV. |
| | SIZE | TOP | BOT | TOC DETERMINED BY |
| LINER 1 | | | | |
| LINER 2 | | | | |
| | CUT & PULL @ | | TOP - BOTTOM | |
| INTMED 1 | | | PERFS | - |
| INTMED 2 | | | OPENHOLE | - |
| PROD | | | | |

* REQUIRED PLUGS DISTRICT 1

| RUSTLER (ANHYD) | |
|-----------------|--|
| YATES | |
| QUEEN | |
| GRAYBURG | |
| SAN ANDRES | |
| CAPTAN REEF | |
| DELAWARE | |
| BELL CANYON | |
| CHERRY CANYON | |
| BRUSHY CANYON | |
| BONE SPRING | |
| GLORIETA | |
| BLINEERY | |
| TUBB | |
| DRINKARD | |
| ABO | |
| WC | |
| PENN | |
| STRAWN | |
| ATOKA | |
| MORROW | |
| MISS | |
| DEVONIAN | |

| PLUG | TYPE | SACKS | DEPTH |
|----------|-----------|---------|-------------|
| PLUG | PLUG | CMNT | |
| EXAMPLES | | | |
| PLUG #1 | OH | 25 SXS | 9850' |
| PLUG #2 | SHOE | 50 SXS | 8700'-8800' |
| PLUG #3 | CIBP/35' | | 5300' |
| PLUG #3 | CIBP | 25 SXS | 5300' |
| PLUG #4 | STUB | 50 SXS | 4600'-4700' |
| PLUG #6 | RETNR SQZ | 200 SXS | 400 |
| PLUG #7 | SURF | 10 SXS | 0-10' |
| PLUG #1 | | | |
| PLUG #2 | | | |
| PLUG #3 | | | |
| PLUG #4 | | | |
| PLUG #5 | | | |
| PLUG #6 | | | |
| PLUG #7 | | | |
| PLUG #8 | | | |
| PLUG #9 | | | |
| PLUG #10 | | | |
| PLUG # | | | |
| PLUG # | | | |
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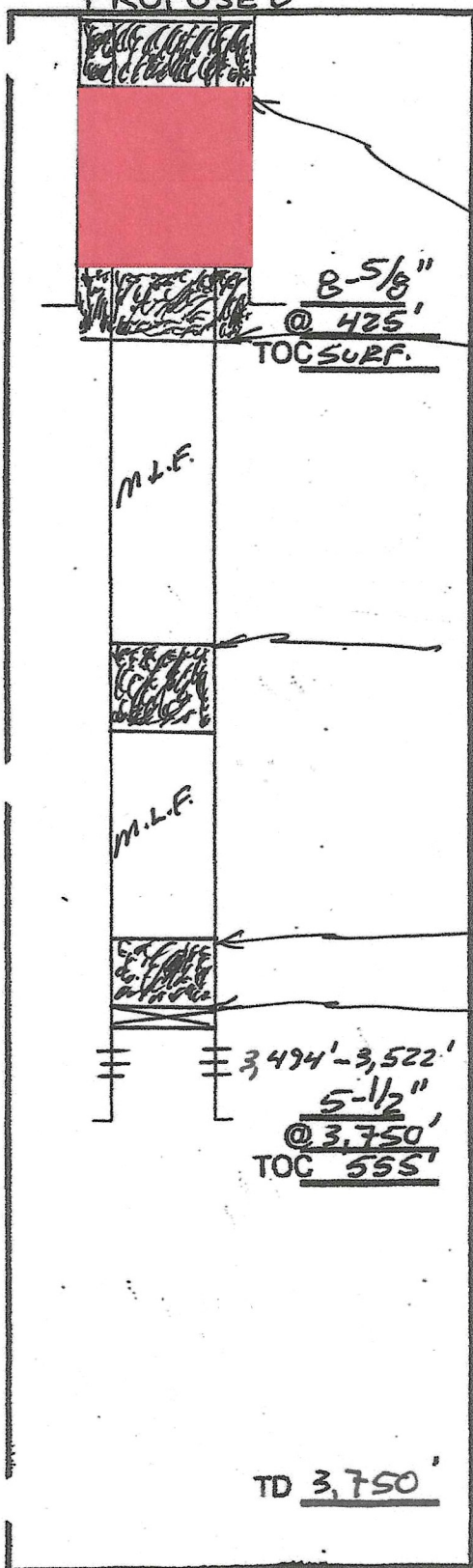
DAE 03/18/2025

PLUGGING & ABANDONMENT WORKSHEET

30--025-31607

PROPOSED

OPERATOR AVANT OPERATING, LLC
 LEASENAME NELLIS FEDERAL
 WELL # 005
 SECT 06 TWN 19S RNG 33E
 FROM E 1,980' NSL 660' EWL
 TD: 3,750' FORMATION @ TD
 PBTD: 3,661' FORMATION @ PBTD



~~PERF. X CIRC. (40) SXS @ 100' - 3'~~

B/SALT ~ 2,930'
 T/YATES ~ 3,115'

~~PERF. X SQZ. (40) SXS @ 475' - 375' - TAG~~

475' to surface. Verify at surface. (114 sxs)

~~Pump (25) SXS @ 1,800' - 1,670' - TAG~~

1800' to 1618'.

~~Pump (75) SXS @ 3,450' - 2,880' - TAG~~

~~SET 5-1/2\" CIBP @ 3,450' 3444' to 2850'~~

*Run CBL from CIBP to surface.

Submit results to BLM.

REVISED

11:12 am, May 31, 2025

TD 3,750'

DAG 03/15/2025

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 470897

CONDITIONS

| | |
|---|---|
| Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706 | OGRID: 330396 |
| | Action Number: 470897 |
| | Action Type: [C-103] NOI Plug & Abandon (C-103F) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| gcordero | Run CBL from 3444' - Surface | 7/1/2025 |
| gcordero | A Cement Bond Log (CBL) is required to be submitted to electronic permitting. | 7/1/2025 |
| gcordero | Submit Cement Bond Logs (CBL) prior to submittal of C-103P. | 7/1/2025 |