

Well Name: HJ 13 FEDERAL	Well Location: T19S / R31E / SEC 13 / NESW / 32.6587036 / -103.8239333	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0309377A	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152378100S1	Operator: AVANT OPERATING LLC	

LONG VO Digitally signed by LONG VO
Date: 2025.05.31 08:42:35
-05'00'

Notice of Intent

Sundry ID: 2850301

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/30/2025

Time Sundry Submitted: 04:34

Date proposed operation will begin: 07/01/2025

Procedure Description: 1) SET 5-1/2" CIBP @ 8,500'; CIRC. WELL W/ M.L.F.; PRES. TEST TO 500# X HOLD FOR 30 MINS; RUN CBL. 2) PUMP (25) SXS. CLASS "H" CMT. @ 8,500'-8,320'; WOC X TAG TOC. 3) PERF. X ATTEMPT TO SQZ. (60) SXS. CLASS "C" CMT. @ 7,060'-6,880' (T/BNSG.). 4) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 5,295'-5,145' (T/DLWR.). 5) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 4,171'-4,031' (8-5/8" CSG.SHOE); WOC X TAG TOC. 6) F (T/REEF); WOC X TAG TOC. 7) PERF. X B/SALT); WOC X TAG TOC. 8) PERF. X 3/8" CSG.SHOE); WOC X TAG TOC. 9) PERF. A CIRC. TO SURF., FILLING ALL ANNULI, (20) SXS. CLASS "C" CMT. @ 63'-3'. 10) 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 W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

See Attached for Revised Procedure

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Avant_Operating___Proposed_WBD___H.J._Federal_001_20250430163403.pdf

Avant_Operating___Current_WBD___H.J._Federal_001_20250430163345.pdf

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**

Well Location: T19S / R31E / SEC 13 /
NESW / 32.6587036 / -103.8239333

County or Parish/State: EDDY /
NM

Well Number: 1

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0309377A

Unit or CA Name:

Unit or CA Number:

US Well Number: 300152378100S1

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 30, 2025 04:34 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

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.
NMNM0309377A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.
HJ 13 FEDERAL 001

2. Name of Operator
AVANT OPERATING, LLC

9. API Well No.
30-015-23781

3a. Address
1515 WYNKOOP STREET, SUITE 700
DENVER, CO

3b. Phone No. (include area code)
720-746-5045

10. Field and Pool or Exploratory Area
LUSK/LUSK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NESW 1980' FSL X 2310' FWL
SEC 13/T19S/R31E/NMP

11. County or Parish, State
EDDY, NEW MEXICO

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"/> Fracture Treat	<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 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 recomplate 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 recompletion 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 determined that the site is ready for final inspection.)

PLEASE SEE ATTACHED PROCEDURE

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

DAVID A. EYLER

Title AGENT

Signature



Date 05/30/2025

THIS 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 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)

REVISED

8:39 am, May 31, 2025

AVANT OPERATING, LLC

HJ 13 FEDERAL #001

30-015-23781

PXA PROCEDURE

- 1) RUN GUAGE RING AND TAG TOC @ +/-10,345'
- 2) SET 5-1/2" CIBP @ 8,463'; CIRC. WELL W/ M.L.F.; PRES. TEST CSG. X CIBP TO 500# X HOLD FOR 30 MINS.; RUN CBL.
- 3) PUMP (25) SXS. CLASS "H" CMT. @ 8,463'-8,283'; WOC X TAG TOC.
- 4) PERF. X ATTEMPT TO SQZ. (60) SXS. CLASS "C" CMT. @ 7,030'-6,860'; WOC X TAG TOC.
- 5) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 4,790'-4,642'; WOC X TAG TOC.
- 6) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 4,171'-4,010'; WOC X TAG TOC.
- 7) PERF. X ATTEMPT TO SQZ. (45) SXS. CLASS "C" CMT. @ 3,530'-3,395'; WOC X TAG TOC.
- 8) PERF. X ATTEMPT TO SQZ. (141) SXS. CLASS "C" CMT. @ 2,908'-2,311'; WOC X TAG TOC.
- 9) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (217) SXS. CLASS "C" CMT. @ 910'-3'.
- 10) 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.

DAE – MAY 29, 2025

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Lea County, call 575-689-5981. Eddy County, please email notifications to: [BLM NM CFO PluggingNotifications@BLM.GOV](mailto:BLM_NM_CFO_PluggingNotifications@BLM.GOV). The Eddy County inspector on call phone, 575-361-2822, will remain active as a secondary contact.

Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

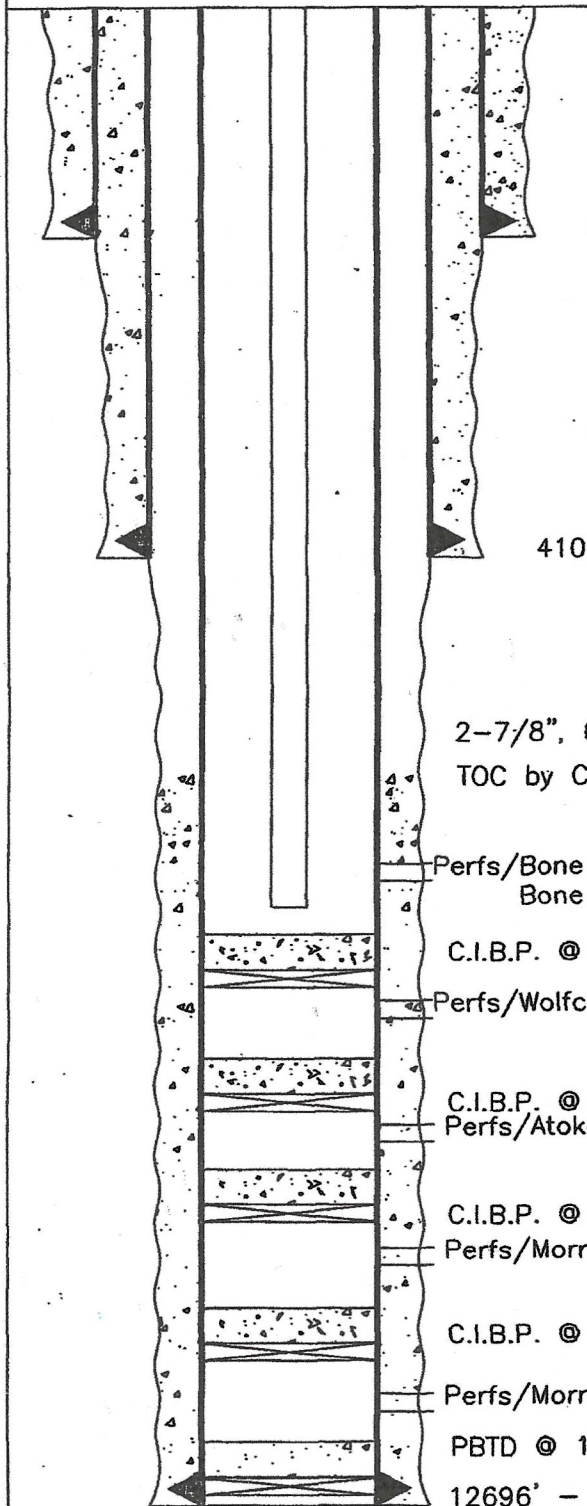
Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

H. J. FEDERAL # 001

30-015-23781

CURRENT

Elevation: 3558GL KB: +18'



17-1/2" Hole
 604' - 13 3/8", K-55, 54.5#, ST&C Casing
 Cemented w/625 sxs. Circulated to Surf.

12-1/4" Hole
 4101' - 8-5/8", K-55, 32#, ST&C Casing.
 Cemented w/1770 sxs. Circulated to Surface

7-7/8" Hole
 2-7/8", 6.5#/ft, N-80, EUE Tbg. @ 9207'
 TOC by CBL 8360'

Perfs/Bone Spring 8513'-16', 8520'-30', 8534'-39'
 Bone Spring 9174'-94'

C.I.B.P. @ 10380' w/35' Cement on Top

Perfs/Wolfcamp 10418'-24', 10436'-40', 10459'-74'

C.I.B.P. @ 11750' w/35' Cement on Top
 Perfs/Atoka 11788'-810'

C.I.B.P. @ 11910' w/35' Cement on Top
 Perfs/Morrow 11939'-54'

C.I.B.P. @ 12300' w/35' Cement on Top

Perfs/Morrow 12341'-97', 12595'-608', 12623'-37'

PBTD @ 12654'

12696' - 5 1/2", 17#, N80
 Cement w/1250 sxs. Class 'H'
 T.D. @ 12697'

Federal 'HJ' 13 No. 1
1980' FSL & 2310' FWL
Sec. 13, T-19S, R-31E
Eddy County, N.M.

HAVANT OPERATING, LLC

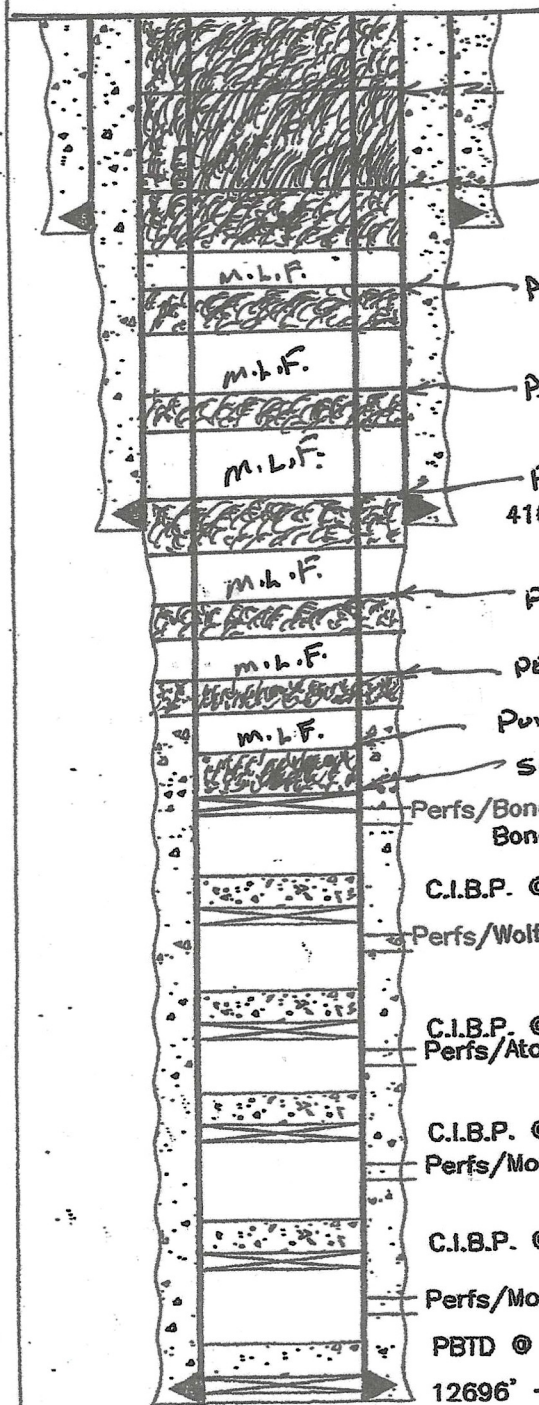
30-015-23781

H. J. FEDERAL # 001

PROPOSED

30-015-23781

T/SALT - 860'
 B/SALT - 2,287'
 T/VATES - 2,462'
 T/REEF - 3,100'
 T/DWR - 5,220'
 T/BNSG - 6,980'



PERF. X CIRC. (217) SXS @ 910' - 3'
 604' - 13 3/8", K-55, 54.5#, ST&C Casing

M.L.F.
 PERF. X SQZ. (141) SXS @ 2,908' - 2,311 TAG

M.L.F.
 PERF. X SQZ. (45) SXS @ 3,530' - 3,395 TAG

M.L.F.
 PERF. X SQZ. (50) SXS @ 4,171' - 4,010' - TAG
 4101' - 8-5/8", K-55, 32#, ST&C Casing.

M.L.F.
 PERF. X SQZ. (50) SXS @ 4,790' - 4,642' - TAG

M.L.F.
 PERF. X SQZ. (60) SXS @ 7,030' - 6,860' - TAG

M.L.F.
 Pump (25) SXS @ 8,463' - 8,283' - TAG

SET 5-1/2" C.I.B.P @ 8,463'

Perfs/Bone Spring 8513'-16', 8520'-30', 8534'-39'
 Bone Spring 9174'-94'

C.I.B.P. @ 10380' w/35' Cement on Top

Perfs/Wolfcamp 10418'-24', 10436'-40', 10459'-74'

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PBTD @ 12654'

12696' - 5 1/2", 17#, N80
 Cement w/1250 sxs. Class 'H'

T.D. @ 12697'

Federal 'HJ' 13 No. 1
1980' FSL & 2310' FWL
Sec. 13, T-19S, R-31E
Eddy County, N.M.

DATE 05/29/2025

REVISED

8:39 am, May 31, 2025

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 470888

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 470888
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Run CBL 8463' to Surface	7/1/2025
gcordero	Perforate and squeeze cement 5270' - 5150' - T DLWR	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