

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. **NMNM053434**

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.  
LEA UNIT - BONE SPRINGS/NMNM70976B8. Well Name and No.  
LEA UNIT/109. API Well No. **3002520506**10. Field and Pool or Exploratory Area  
Teas/LEA4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 13/T20S/R34E/NMP**11. 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 determined that the site is ready for final inspection.)

1) TAG EXISTING 7" CIBP @ +/-12,850'; DUMP BAIL 35' CMT. @ 12,850'-12,815'. 2) PUMP (50) SXS. CLASS "H" CMT. @ 12,096'-11,896' (T/STWN.); 3) PUMP (50) SXS. CLASS "H" CMT. @ 11,170'-10,970' (T/WLCP.). 4) SET 7" CIBP @ 9,500'; CIRC. WELL W/ M.L.F.; PRES. TEST 7" CSG. X CIBP TO 500# X HOLD FOR 30 MINS.; RUN CBL. 5) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "H" CMT. @ 9,500'-9,310'; WOC X TAG TOC. 6) PERF. X ATTEMPT TO SQZ. (65) SXS. CLASS "H" CMT. @ 8,330'-8,150' (T/BNSG.). 7) PERF. X ATTEMPT TO SQZ. (55) SXS. CLASS "C" CMT. @ 7,004'-6,844' (T/DLWR.). 8) PERF. X ATTEMPT TO SQZ. (70) SXS. CLASS "C" CMT. @ 5,136'-4,986' (9-5/8" CSG.SHOE); WOC X TAG TOC. 9) PERF. X ATTEMPT TO SQZ. (125) SXS. CLASS "C" CMT. @ 3,785'-3,445' (9-5/8" DV TOOL, T/YATES); WOC X TAG TOC. 10) PERF. X ATTEMPT TO SQZ. (45) SXS. CLASS "C" CMT. @ 904'-804' (13-3/8" CSG.SHOE). 11) PERF. X CIRC. TO SURF. FILLING ALL ANNULI, (45) SXS. CLASS "C" CMT. @ 63'-3'. 12) 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

Agent  
Title

Signature (Electronic Submission)

Date **04/18/2025****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**Long Vo**

Title

**Petroleum Engineer**

Date

**6-2-2025**

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

**CAF  
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: LEA UNIT	Well Location: T20S / R34E / SEC 13 / SENW / 32.5749132 / -103.5159079	County or Parish/State: LEA / NM
Well Number: 10	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM053434	Unit or CA Name: LEA UNIT - BONE SPRINGS	Unit or CA Number: NMNM70976B
US Well Number: 300252050600S2	Operator: AVANT OPERATING LLC	

LONG VO

Digitally signed by  
LONG VO  
Date: 2025.06.02  
13:59:39 -05'00'

#### Notice of Intent

Sundry ID: 2848191

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/18/2025

Time Sundry Submitted: 07:23

Date proposed operation will begin: 06/25/2025

**Procedure Description:** 1) TAG EXISTING 7" CIBP @ +/-12,850' with Gauge Ring @ 12,850'-12,815' and spot 25 sxs on top. 2) Perf at 12713' and establish injection between 12713' and 10212'. Set a cement retainer at 12663' with tubing and squeeze from retainer to 10212'. Sting out of retainer and circulate on top of retainer with mud until well is clean and no cement is inside the 7" casing. 352 sxs Class H. 3) PUMP (170) SXS. CLASS "H" CMT. @ 12663'-11,826' (T/STWN.); 3) PUMP (43) SXS. CLASS "H" CMT. @ 11008' to 10798'. WOC and Tag. (T/WLCP.). 4) SET 7" CIBP @ 9,469'; CIRC. WELL W/ M.L.F.; PRES. TEST 7" CSG. X CIBP TO 500# X HOLD FOR 30 MINS.; RUN CBL from CIBP to surface. 5) Spot cement (25) SXS. CLASS "H" CMT. @ 9,469'-9,377'. 6) PERF. X ATTEMPT TO SQZ. (65) SXS. CLASS "H" CMT. @ 8,330'-8,150' (T/BNSG.). (In 37 sxs/Out 28 sxs) WOC and Tag 7) PERF. X ATTEMPT TO SQZ. (55) SXS. CLASS "C" CMT. @ 7,004'-6,844' (T/DLWR.) WOC and Tag. 8) PERF. X ATTEMPT TO SQZ. (356) SXS. CLASS "C" CMT. @ 5750' to 4464' (9-5/8" CSG.SHOE); WOC X TAG TOC (In 210 sxs/ Out 146 sxs). 9) PERF. X ATTEMPT TO SQZ. (125) SXS. CLASS "C" CMT. @ 3792' to 3365'. WOC and Tag (In 70 sxs/ Out 55 sxs) (9-5/8" DV TOOL, T/YATES); WOC X TAG TOC. 10) PERF. X ATTEMPT TO SQZ. (45) SXS. CLASS "C" CMT. @ 904'-794' WOC and Tag (In 18 sxs/Out 27 sxs) (13-3/8" CSG.SHOE). 11) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (29) SXS. CLASS "C" CMT. @ 100'-3'. 12) 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\_\_\_Lea\_Federal\_Unit\_010\_20250418192130.pdf

Avant\_Operating\_\_\_Current\_WBD\_\_\_Lea\_Federal\_Unit\_010\_20250418192106.pdf

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED



Well Number: 10

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM053434

Unit or CA Name: LEA UNIT - BONE  
SPRINGSUnit or CA Number:  
NMNM70976B

US Well Number: 300252050600S2

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 07:23 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

30-025-20506

OPERATOR	AVANT OPERATING, LLC
LEASENAME	LEA UNIT

SECT 13 TWN 205 RNG 34E  
FROM F 1,980' NSL 1,980' E(N)L  
TD: 14,438' MD FORMATION @ TD  
PBTD: FORMATION @ PBTD

9.5/8"  
@ 5,061'  
TOC SURF.

2-7/8" @ 9,519'

9,517'-10,212'  
—CIBP@12,850  
14,308'-14,438'  
7'  
@14,368'  
TOC10,650'

TD 14,438'

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13-3/8"	854'	SURF.	CIRC.	
INTMED 1	9-5/8"	5,061'	SURF.	CIRC.	
INTMED 2					
PROD	7"	14,308'	10,650'	T.S.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	-	
INTMED 2			OPENHOLE	-	
PROD					

**\* REQUIRED PLUGS DISTRICT I**

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

[illegible]



# **PLUGGING & ABANDONMENT WORKSHEET** **PROPOSED**

30-025-20506

OPERATOR **AVANT OPERATING, LLC.**  
 LEASENAME **LEA UNIT**

SECT **13** TWN **20S** RNG **34E**  
 FROM F **1,980' NSL** **1,980' E/NL**  
 TD: **14,438' MD** FORMATION @ TD  
 PBTD: FORMATION @ PBTD

PERF. X CIRC. ~~(25)~~ SXS @ ~~63'-3'~~ 100' to surface  
 29  
 T/WATES - 3,495'  
 T/DLWR - 6,924'  
 T/BNSL - 8,240'  
 T/WLCP - 11,070'  
 T/STWN - 11,996'

PERF. X SQZ. (45) SXS @ 904' - ~~804'~~ TAG 794'  
 (In 18 sxs/Out 27 sxs)  
 T/WATES - 3,495'  
 T/DLWR - 6,924'  
 T/BNSL - 8,240'  
 T/WLCP - 11,070'  
 T/STWN - 11,996'

PERF. X SQZ. (125) SXS @ ~~3,785'~~ - ~~3,445'~~ TAG 3792' to 3365'  
 In 70 sxs/Out 55 sxs)  
 356  
 5750' to 4464'

PERF. X SQZ. (70) SXS @ ~~5,136'~~ - ~~4,986'~~ TAG In 210 sxs/Out 146 sxs  
 356  
 5750' to 4464'

PERF. X SQZ. (55) SXS @ 7,004' - 6,844' WOC and Tag  
 In 37 sxs/Out 28 sxs WOC and Tag

PERF. X SQZ. (65) SXS @ 8,330' - 8,150' In 37 sxs/Out 28 sxs WOC and Tag  
 9469'

Spot cement 25 sxs on top of CIBP  
 PERF. X SQZ. (70) SXS @ ~~9,500'~~ - ~~9,310'~~ TAG Leak test  
 9469', spot 25 sxs on top Class H

SET 7" CIBP @ ~~9,500'~~ 9469', spot 25 sxs on top Class H  
 Spot cement from 11008' to 10798'. WOC and Tag. 43 sxs Class H

PUMP (50) SXS @ ~~11,170'~~ - ~~10,970'~~ Spot cement from top of retainer to 11826'. WOC and Tag 170 sxs Class H  
 PUMP (50) SXS @ ~~12,696'~~ - ~~11,896'~~ Spot cement from top of retainer to 11826'. WOC and Tag 170 sxs Class H

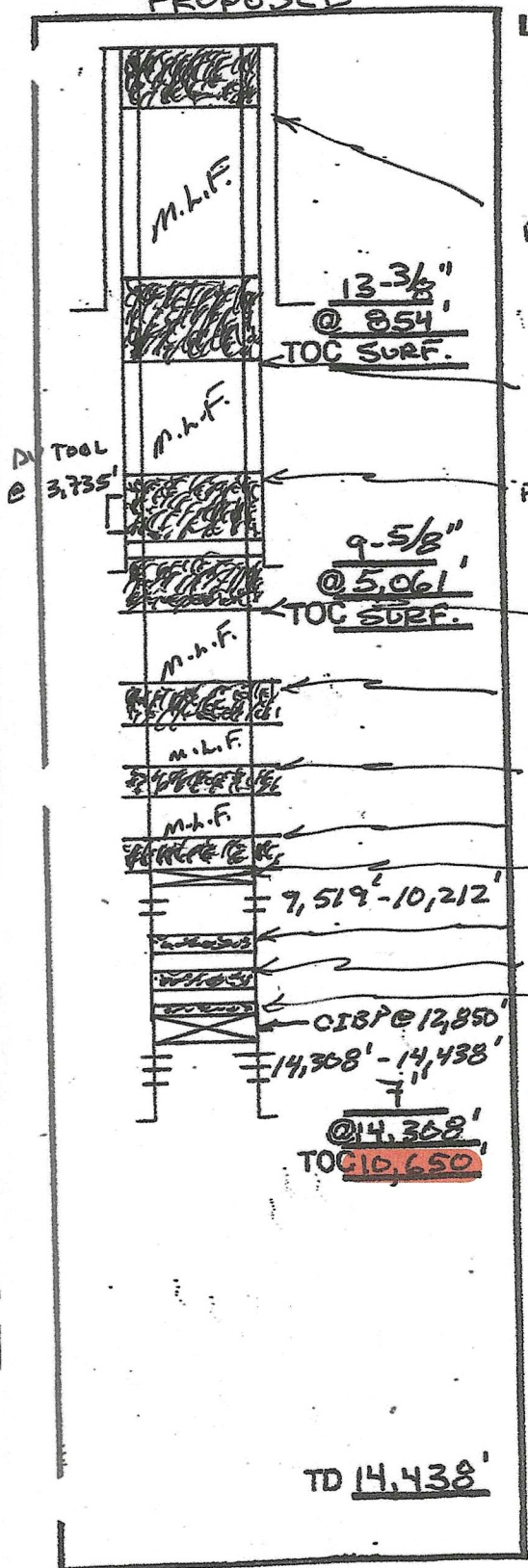
DUMP BASH (35') CMT. @ 12,850 - 12,815'

Perf at 12713' and establish injection between 12713' and 10212'. Set a cement retainer at 12663' with tubing and squeeze from retainer to 10212'. Sting out of retainer and circulate on top of retainer with mud until well is clean and no cement is inside the 7" casing. 352 sxs Class H.

Tag CIBP with 7" Gauge Ring at 12850'. Spot 25 sxs on top and WOC and Tag.

\*Run CBL from CIBP to surface.

Submit results to BLM.



TD **14,438'**

**REVISED**

1:44 pm, Jun 02, 2025

DAS 03/18/2025

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 470898

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 470898
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Run CBL from 9469' - 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