

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. **NMNM096244**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **ADVANCE ENERGY PARTNERS HAT MESA LLC**3a. Address
C/O AMEREDEV OPERATING LLC, AUSTIN, TX 787463b. Phone No. (include area code)
(346) 444-9739

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

8. Well Name and No.
DAGGER LAKE SOUTH 8 FED COM/706H9. API Well No. **3002549684**10. Field and Pool or Exploratory Area
WC-025 G-10 S2133280/WOLFCAMP4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 8/T22S/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 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.)

Well design change attached

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
CHRISTIE HANNA / Ph: (737) 300-4723Title **Senior Engineering Technician**

Signature

Date **07/25/2022****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

CHRISTOPHER WALLS / Ph: (575) 234-2234 / ApprovedTitle **Petroleum Engineer**Date **07/25/2022**

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: SWSE / 280 FSL / 1708 FEL / TWSP: 22S / RANGE: 33E / SECTION: 8 / LAT: 32.399862 / LONG: -103.591567 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 550 FSL / 2310 FEL / TWSP: 22S / RANGE: 33E / SECTION: 8 / LAT: 32.4006012 / LONG: -103.5935175 (TVD: 12080 feet, MD: 12225 feet)

BHL: NWSE / 2540 FSL / 2310 FEL / TWSP: 22S / RANGE: 33E / SECTION: 5 / LAT: 32.420576 / LONG: -103.593486 (TVD: 12120 feet, MD: 19492 feet)

Well Name: DAGGER LAKE SOUTH 8 FED COM	Well Location: T22S / R33E / SEC 8 / SWSE /	County or Parish/State:
Well Number: 706H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM096244	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549684	Well Status: Approved Application for Permit to Drill	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC

Notice of Intent

Sundry ID: 2683817

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 07/25/2022

Time Sundry Submitted: 10:22

Date proposed operation will begin: 07/25/2022

Procedure Description: Well design change attached

NOI Attachments

Procedure Description

- Dagger_Lake_South_8_Fed_Com_706H_20220725102158.pdf
- Pipe_Body_and_API_Connections_Performance_Data_9.6250_40.0000_0.3950__P110_HC_20220725102016.pdf
- Pipe_Body_and_API_Connections_Performance_Data_9.6250_40.0000_0.3950__L80_HC_20220725102016.pdf
- Pipe_Body_and_API_Connections_Performance_Data_13.3750_54.5000_0.3800__J55_20220725102016.pdf

Well Name: DAGGER LAKE SOUTH 8 FED COM	Well Location: T22S / R33E / SEC 8 / SWSE /	County or Parish/State:
Well Number: 706H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM096244	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549684	Well Status: Approved Application for Permit to Drill	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC

Conditions of Approval

Additional

8_22_33_O_Sundry_ID_2683817_Dagger_Lake_South_8_Fed_Com_706H_Lea_NM096244_13_22c_8_17_2021_LV_20220725104728.pdf
Dagger_Lake_South_8_Fed_Com_706H_Dr_COA_Sundry_ID_2683817_20220725104728.pdf

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: CHRISTIE HANNA	Signed on: JUL 25, 2022 10:22 AM
Name: ADVANCE ENERGY PARTNERS HAT MESA LLC	
Title: Senior Engineering Technician	
Street Address: 2901 VIA FORTUNA, SUITE 600	
City: AUSTIN	State: TX
Phone: (737) 300-4723	
Email address: CHANNA@AMEREDEV.COM	

Field

Representative Name: Diego Barreda		
Street Address: 2901 VIA FORTUNA STE. 600		
City: AUSTIN	State: TX	Zip: 78746
Phone: (737)300-4729		
Email address: dbarreda@ameredev.com		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 07/25/2022
Signature: Chris Walls	

Advance Energy Partners Hat Mesa, LLC Dagger Lake South 8 Fed Com #706**SHL 280' FSL & 1708' FEL Section 8****BHL 2540' FSL & 2310' FEL Section 5****T. 22 S., R. 33 E., Lea County, NM**

Dagger Lake South 8 Fed Com #706H

CHANGE TO PLANS: WELL DESIGN

FROM:

String Type	Hole Size	Casing Size	Top Set MD/TVD	Bottom Set MD/TVD	Grade	Weight	Joint Type
Surface	14 ¾	10 ¾	0	1008/1008	J-55	40.5	BUTT
Intermediate	9 7/8	7 5/8	0	10600/10600	HCP-110	29.7	BUTT
Production	6 ¾	5 ½	0	19492/12120	HCP110	20	Premium

TO:

String Type	Hole Size	Casing Size	Top Set MD/TVD	Bottom Set MD/TVD	Grade	Weight	Joint Type
Surface	17 ½	13 3/8	0	1008/1008	J-55	54.5	BUTT
Intermediate	12 ¼	9 5/8	0	7600/7588	HCL-80	40	BUTT
Intermediate	12 ¼	9 5/8	7600/7588	10600/10572	HCP-110	40	BUTT
Production	8 3/4	5 ½	0	19492/12120	HCP110	20	Premium

Advance Energy Partners Hat Mesa, LLC Dagger Lake South 8 Fed Com #706

SHL 280' FSL & 1708' FEL Section 8

BHL 2540' FSL & 2310' FEL Section 5

T. 22 S., R. 33 E., Lea County, NM

UPDATED CEMENT PROGRAM:

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives
Surface	Lead	0	389	1.9	737	12.8	50%	B Poz + C	6% Gel + 5% SALT + 0.1% R-1300 + 0.25PPS Pol-E-Flake + 0.005GPS NoFoam V1A
	Tail	708	185	1.35	250	14.8	20%	Class C	2% CaCl ₂ + 0.005GPS NoFoam V1A
1st Intermediate	1 st stage Lead	0	2255	1.83	4127	11	50%	Pro Lite	5PPS Plexcrete STE + 2% SMS + 0.05% SuspendaCem 6302 + 0.5% C-47B + 3PPS Gilsonite + 0.005GPS No Foam V1A
	1 st stage Tail	8600	632	1.19	752	15.6	20%	Class H	0.2% SMS + 0.35% C20 + 0.2% C-47B + 0.005GPS NoFoam V1A
	2 nd Stage Lead	0	760	1.83	1390	11	50%	Pro Lite	5PPS Plexcrete STE + 2% SMS + 0.05% SuspendaCem 6302 + 0.5% C-47B + 3PPS Gilsonite + 0.005GPS No Foam V1A
	2 nd Stage Tail	2500	85	1.33	113	14.8	20%	Class C	2% CaCl ₂ + 0.005GPS NoFoam V1A
Production	Lead	0	975	3.4	3313	10.7	35%	ProLite	5PPS Plexcrete STE + 2% SMS + 0.05% SuspendaCem 6302 + 0.4% R-1300 + 0.5% C-47B + 3PPS Gilsonite + 0.25 PPS Pol-E-Flake + 0.005GPS NoFoam V1A
	Tail	11147	2485	1.22	3031	14.5	20%	B Poz + H	5% SALT + 0.05% SuspendaCem 6302 + 0.65% C-20 + 0.5% C-47B + 0.005GPS NoFoam V1A



U. S. Steel Tubular Products
9.625" 40.00lb/ft (0.395" Wall) L80 HC

7/22/2022 11:18:48 AM

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC		--
Minimum Yield Strength	80,000	--	--	--	psi	--
Maximum Yield Strength	95,000	--	--	--	psi	--
Minimum Tensile Strength	95,000	--	--	--	psi	--
DIMENSIONS	Pipe	BTC	LTC	STC		--
Outside Diameter	9.625	10.625	10.625	0.000	in.	--
Wall Thickness	0.395	--	--	--	in.	--
Inside Diameter	8.835	8.835	8.835	--	in.	--
Standard Drift	8.679	8.679	8.679	8.679	in.	--
Alternate Drift	8.750	8.750	8.750	8.750	in.	--
Nominal Linear Weight, T&C	40.00	--	--	--	lb/ft	--
Plain End Weight	38.97	--	--	--	lb/ft	--
PERFORMANCE	Pipe	BTC	LTC	STC		--
Minimum Collapse Pressure	3,870	3,870	3,870	3,870	psi	--
Minimum Internal Yield Pressure	5,750	5,750	5,750	5,750	psi	--
Minimum Pipe Body Yield Strength	916	--	--	--	1,000 lbs	--
Joint Strength	--	947	727	--	1,000 lbs	--
Reference Length	--	15,783	12,119	--	ft	--
MAKE-UP DATA	Pipe	BTC	LTC	STC		--
Make-Up Loss	--	4.81	4.75	--	in.	--
Minimum Make-Up Torque	--	--	5,450	--	ft-lb	--
Maximum Make-Up Torque	--	--	9,090	--	ft-lb	--

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Notes

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U. S. Steel Tubular Products
460 Wildwood Forest Drive, Suite 300S
Spring, Texas 77380
1-877-893-9461
connections@uss.com
www.usstubular.com



U. S. Steel Tubular Products

9.625" 40.00lb/ft (0.395" Wall) P110 HC

7/22/2022 11:19:10 AM

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC		--
Minimum Yield Strength	110,000	--	--	--	psi	--
Maximum Yield Strength	140,000	--	--	--	psi	--
Minimum Tensile Strength	125,000	--	--	--	psi	--
DIMENSIONS	Pipe	BTC	LTC	STC		--
Outside Diameter	9.625	0.000	0.000	0.000	in.	--
Wall Thickness	0.395	--	--	--	in.	--
Inside Diameter	8.835	--	--	--	in.	--
Standard Drift	8.679	8.679	8.679	8.679	in.	--
Alternate Drift	8.750	8.750	8.750	8.750	in.	--
Nominal Linear Weight, T&C	40.00	--	--	--	lb/ft	--
Plain End Weight	38.97	--	--	--	lb/ft	--
PERFORMANCE	Pipe	BTC	LTC	STC		--
Minimum Collapse Pressure	4,230	4,230	4,230	4,230	psi	--
Minimum Internal Yield Pressure	7,910	7,910	7,910	7,910	psi	--
Minimum Pipe Body Yield Strength	1,260	--	--	--	1,000 lbs	--
Joint Strength	--	--	--	--	1,000 lbs	--
Reference Length	--	--	--	--	ft	--
MAKE-UP DATA	Pipe	BTC	LTC	STC		--
Make-Up Loss	--	--	--	--	in.	--
Minimum Make-Up Torque	--	--	--	--	ft-lb	--
Maximum Make-Up Torque	--	--	--	--	ft-lb	--

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460 Wildwood Forest Drive, Suite 300S
Spring, Texas 77380

1-877-893-9461
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www.usstubular.com



U. S. Steel Tubular Products

13.375" 54.50lb/ft (0.380" Wall) J55

7/22/2022 11:24:46 AM

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC		--
Minimum Yield Strength	55,000	--	--	--	psi	--
Maximum Yield Strength	80,000	--	--	--	psi	--
Minimum Tensile Strength	75,000	--	--	--	psi	--
DIMENSIONS	Pipe	BTC	LTC	STC		--
Outside Diameter	13.375	14.375	0.000	14.375	in.	--
Wall Thickness	0.380	--	--	--	in.	--
Inside Diameter	12.615	12.615	--	12.615	in.	--
Standard Drift	12.459	12.459	12.459	12.459	in.	--
Alternate Drift	--	12.500	--	--	in.	--
Nominal Linear Weight, T&C	54.50	--	--	--	lb/ft	--
Plain End Weight	52.79	--	--	--	lb/ft	--
PERFORMANCE	Pipe	BTC	LTC	STC		--
Minimum Collapse Pressure	1,130	1,130	1,130	1,130	psi	--
Minimum Internal Yield Pressure	2,740	2,740	2,740	2,740	psi	--
Minimum Pipe Body Yield Strength	853	--	--	--	1,000 lbs	--
Joint Strength	--	909	--	514	1,000 lbs	--
Reference Length	--	11,119	--	6,290	ft	--
MAKE-UP DATA	Pipe	BTC	LTC	STC		--
Make-Up Loss	--	4.81	--	3.50	in.	--
Minimum Make-Up Torque	--	--	--	3,860	ft-lb	--
Maximum Make-Up Torque	--	--	--	6,430	ft-lb	--

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District II
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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 177707

CONDITIONS

Operator: ADVANCE ENERGY PARTNERS HAT MESA, LLC 11490 Westheimer Rd., Ste 950 Houston, TX 77077	OGRID: 372417
	Action Number: 177707
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	1/20/2023