

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. **NMNM014155**

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  
2901 VIA FORTUNA, STE. 600 AUSTIN, TX 78746**3b. Phone No. (include area code)  
**(346) 444-9739**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 13/T21S/R32E/NMP**

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

8. Well Name and No.  
**MARGARITA FEDERAL COM 13/4H**9. API Well No.  
**3002547198**

10. Field and Pool or Exploratory Area

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 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 determined that the site is ready for final inspection.)

**Spud Date:** 4/28/2022**Casing Ran:** 20" 94# J-55 BTC Set @ 1,714' **Hole Size:** 24" **Hole Depth:** 1,716'

**Surface Cement:** Job Start 05/6/2022 00:05 Pump 30 bbls of spacer at 7 BPM. 00:09 Start lead cement (100% Class C + 4% Bentonite + 0.25# Celloflake). Pump 396 bbls of 13.5 PPG lead cement (1286sks with yield of 1.73 cf/sks, 9.22 gallons of water per sack) at 7 BPM. 01:04 Start Tail Cement (100% Class C + 1% CaCl<sub>2</sub> + 0.25# Celloflake). Pump 86 bbls of 14.8 PPG tail cement (386sks with yield of 1.34 cf/sks, 6.43 gallons of water per sack) at 6 BPM. 01:19 Dropped plug. Displace with 594 bbls of fresh water. Bumped plug at 02:41 with 880 psi, check floats (floats held) 2.5 bbls back. No cement back to surface. Tag TOC with 1" pipe at 180' below surface. 05:05 Pump Top Off Cement (Class C). Pump 95 bbls of 14.8 PPG top off cement (400 sks with yield of 1.33 cf/sks, 6.43 gallons of water per sack) at 1.5 BPM. No cement back to surface. Tag TOC with 1" pipe at 16' below surface. 07:45 Pump Top Off Cement (Class C). Pump 60 bbls of 14.8 PPG top off cement (250 sks with yield of 1.33 cf/sks, 6.43 gallons of water per sack) at 3 BPM. Wait two hours for cement to set. 10:51 Pump Top Off Cement (Class C).

**Continued on page 3 additional information**14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**CHRISTIE HANNA / Ph: (737) 300-4723**Title **Senior Engineering Technician**Signature *Christie Hanna*Date **05/12/2022****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**Jonathon W Shepard / Ph: (575) 234-5972 / Accepted**Title **Petroleum Engineer**Date **06/02/2022**

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

### Additional Remarks

Pump 20 bbls of 14.8 PPG top off cement (83 sks with yield of 1.33 cf/sks, 6.43 gallons of water per sack) at 3 BPM. Cement back to surface, 5 bbls. End Job 05/6/2022 11:40.

**Casing Test:** Start at 02:50 to 03:20 at 1500 Psi (Good)

**Rig Release Date:** 05/07/2022

### Location of Well

0. SHL: NENW / 1210 FNL / 1947 FWL / TWSP: 21S / RANGE: 32E / SECTION: 13 / LAT: 32.482849 / LONG: -103.630628 ( TVD: 0 feet, MD: 0 feet )  
PPP: NESW / 2640 FSL / 2310 FWL / TWSP: 21S / RANGE: 32E / SECTION: 24 / LAT: 32.464436 / LONG: -103.62946 ( TVD: 11720 feet, MD: 18638 feet )  
PPP: NENW / 0 FNL / 2310 FWL / TWSP: 21S / RANGE: 32E / SECTION: 24 / LAT: 32.471733 / LONG: -103.629454 ( TVD: 11720 feet, MD: 15999 feet )  
PPP: SESW / 1320 FSL / 2310 FWL / TWSP: 21S / RANGE: 32E / SECTION: 13 / LAT: 32.475338 / LONG: -103.629476 ( TVD: 11720 feet, MD: 14672 feet )  
PPP: NENW / 949 FNL / 2310 FWL / TWSP: 21S / RANGE: 32E / SECTION: 13 / LAT: 32.4835636 / LONG: -103.629457 ( TVD: 11545 feet, MD: 11644 feet )  
BHL: SENW / 2540 FNL / 2310 FWL / TWSP: 21S / RANGE: 32E / SECTION: 25 / LAT: 32.450149 / LONG: -103.629471 ( TVD: 11720 feet, MD: 23842 feet )

Well Name: MARGARITA FEDERAL COM 13	Well Location: T21S / R32E / SEC 13 / NENW / 32.482849 / -103.630628	County or Parish/State: LEA / NM
Well Number: 4H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM14155	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254719800X1	Well Status: Drilling Well	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC

Subsequent Report

Sundry ID: 2671473

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 05/12/2022	Time Sundry Submitted: 10:02
Date Operation Actually Began: 05/06/2022	

Actual Procedure:

Spud Date: 4/28/2022

Casing Ran: 20" 94# J-55 BTC Set @ 1,714' Hole Size: 24" Hole Depth: 1,716'

**Surface Cement:** Job Start 05/6/2022 00:05 Pump 30 bbls of spacer at 7 BPM. 00:09 Start lead cement (100%Class C + 4% Bentonite + 0.25# Celloflake). Pump 396 bbls of 13.5 PPG lead cement (1286sk with yield of 1.73 cf/sks, 9.22 gallons of water per sack) at 7 BPM. 01:04 Start Tail Cement (100% Class C + 1% CaCl2 + 0.25# Celloflake). Pump 86 bbls of 14.8 PPG tail cement (386sk with yield of 1.34 cf/sks, 6.43 gallons of water per sack) at 6 BPM. 01:19 Dropped plug. Displace with 594 bbls of fresh water. Bumped plug at 02:41 with 880 psi, check floats (floats held) 2.5 bbls back. No cement back to surface. Tag TOC with 1" pipe at 180' below surface. 05:05 Pump Top Off Cement (Class C). Pump 95 bbls of 14.8 PPG top off cement (400 sks with yield of 1.33 cf/sks, 6.43 gallons of water per sack) at 1.5 BPM. No cement back to surface. Tag TOC with 1" pipe at 16' below surface. 07:45 Pump Top Off Cement (Class C). Pump 60 bbls of 14.8 PPG top off cement (250 sks with yield of 1.33 cf/sks, 6.43 gallons of water per sack) at 3 BPM. Wait two hours for cement to set. 10:51 Pump Top Off Cement (Class C). Pump 20 bbls of 14.8 PPG top off cement (83 sks with yield of 1.33 cf/sks, 6.43 gallons of water per sack) at 3 BPM. Cement back to surface, 5 bbls. End Job 05/6/2022 11:40.

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Rig Release Date: 05/07/2022

Received by OCD: 6/2/2022 7:54:04 AM

Page 5 of 6

Well Name: MARGARITA FEDERAL COM 13	Well Location: T21S / R32E / SEC 13 / NENW / 32.482849 / -103.630628	County or Parish/State: LEA / NM
Well Number: 4H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM14155	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254719800X1	Well Status: Drilling Well	Operator: ADVANCE ENERGY PARTNERS HAT MESA 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: CHRISTIE HANNA	Signed on: MAY 12, 2022 10:02 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: Shane McNeely		
Street Address: 2901 VIA FORTUNA STE. 600		
City: AUSTIN	State: TX	Zip: 78746
Phone: (737)300-4729		
Email address: smcneely@ameredev.com		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 06/01/2022
Signature: Jonathon Shepard	

**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 112970

CONDITIONS

Operator: ADVANCE ENERGY PARTNERS HAT MESA, LLC 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	OGRID: 372417
	Action Number: 112970
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	Please include the pressure test for 20" casing on next casing submittal.	5/23/2023