

Well Name: ANDERSON FED COM	Well Location: T22S / R32E / SEC 2 / LOT 2 / 32.427556 / -103.644449	County or Parish/State: LEA / NM
Well Number: 603H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549003	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC	

Subsequent Report

Sundry ID: 2663791

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 03/24/2022

Time Sundry Submitted: 12:51

Date Operation Actually Began: 08/11/2021

Actual Procedure: Spud Date: 08/11/2021 Hole Size: 17.5" Casing Ran: 13.375", 54.5#, J-55 BTC Set @ 1,280' MD/1,279' TVD Surface Cement: PUMP 2 BBLS OF WATER AND TEST LINES TO 2500 PSI. PUMP CEMENT AS FOLLOWS: 20 BBLS OF GREEN DYED FRESH WATER SPACER. 1ST STAGE LEAD : 650 SX, 220 BBLS, (1.9 CUFT/SK) OF 12.8 PPG, 50% EXCESS. 1ST STAGE TAIL: 215 SX, 52 BBLS, (1.35 CUFT/SK) OF 14.8 PPG., 20% EXCESS. DROP PLUG AND DISPLACE 187 BBLS OF BRINE AT 8 BPM. SLOW DOWN TO 4 BBLS/MIN FOR LAST 20 BBLS. BUMP WITH 890 PSI. FINAL LIFT 257 PSI. BLED BACK 1.0 BBL. FLOATS HELD. ; FULL RETURNS THROUGHOUT JOB. CIRCULATED 107 BBLS 326 SX CEMENT TO SURFACE. TEST BREAK TO 250 PSI LOW FOR 10 MIN AND 5,000 PSI HIGH FOR 10 MIN - GOOD TEST

Well Name: ANDERSON FED COM

Well Location: T22S / R32E / SEC 2 /
LOT 2 / 32.427556 / -103.644449

County or Parish/State: LEA /
NM

Well Number: 603H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM120905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002549003

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: EILEEN KOSAKOWSKI

Signed on: MAR 24, 2022 12:53 PM

Name: ADVANCE ENERGY PARTNERS HAT MESA LLC

Title: Regulatory Analyst

Street Address: 5400 LBJ FREEWAY, STE 1500

City: DALLAS

State: TX

Phone: (972) 371-5200

Email address: EILEEN.KOSAKOWSKI@MATADORRESOURCES.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

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: 04/17/2022

Signature: Jonathon Shepard

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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM120905
2. Name of Operator ADVANCE ENERGY PARTNERS HAT MESA LLC		6. If Indian, Allottee or Tribe Name
3a. Address C/O AMEREDEV OPERATING LLC, AUSTIN, TX	3b. Phone No. (include area code) (346) 444-9739	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 2/T22S/R32E/NMP		8. Well Name and No. ANDERSON FED COM/603H
		9. API Well No. 3002549003
		10. Field and Pool or Exploratory Area Red Tank/BONE SPRING
		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: 08/11/2021

Hole Size: 17.5

Casing Ran: 13.375, 54.5#, J-55 BTC Set @ 1,280 MD/1,279 TVD

Surface Cement: PUMP 2 BBLS OF WATER AND TEST LINES TO 2500 PSI. PUMP CEMENT AS FOLLOWS: 20 BBLS OF GREEN DYED FRESH WATER SPACER. 1ST STAGE LEAD : 650 SX, 220 BBLS, (1.9 CUFT/SK) OF 12.8 PPG, 50% EXCESS. 1ST STAGE TAIL: 215 SX, 52 BBLS, (1.35 CUFT/SK) OF 14.8 PPG., 20% EXCESS. DROP PLUG AND DISPLACE 187 BBLS OF BRINE AT 8 BPM. SLOW DOWN TO 4 BBLS/MIN FOR LAST 20 BBLS. BUMP WITH 890 PSI. FINAL LIFT 257 PSI. BLEED BACK 1.0 BBL. FLOATS HELD. ; FULL RETURNS THROUGHOUT JOB. CIRCULATED 107 BBLS 326 SX CEMENT TO SURFACE. TEST BREAK TO 250 PSI LOW FOR 10 MIN AND 5,000 PSI HIGH FOR 10 MIN - GOOD TEST

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) EILEEN KOSAKOWSKI / Ph: (972) 371-5200	Regulatory Analyst Title
(Electronic Submission) Signature	Date 03/24/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted	Petroleum Engineer Title	Date 04/17/2022
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: LOT 2 / 180 FNL / 2314 FEL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.427556 / LONG: -103.644449 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 2 / 327 FNL / 2253 FEL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.4271535 / LONG: -103.6441444 (TVD: 11538 feet, MD: 11551 feet)

PPP: SWSE / 0 FSL / 2310 FEL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.428108 / LONG: -103.644306 (TVD: 11792 feet, MD: 11994 feet)

PPP: SWNE / 2640 FNL / 2310 FEL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.435343 / LONG: -103.644318 (TVD: 11800 feet, MD: 14627 feet)

BHL: SWSE / 1220 FSL / 1254 FEL / TWSP: 21S / RANGE: 32E / SECTION: 26 / LAT: 32.445927 / LONG: -103.644318 (TVD: 11800 feet, MD: 18487 feet)

Well Name: ANDERSON FED COM	Well Location: T22S / R32E / SEC 2 / LOT 2 / 32.427556 / -103.644449	County or Parish/State: LEA / NM
Well Number: 603H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549003	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC	

Subsequent Report

Sundry ID: 2663792

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 03/24/2022	Time Sundry Submitted: 12:52
Date Operation Actually Began: 08/24/2021	

Actual Procedure: Casing Ran: 9.625", 40#, J55 and HCL-80 BTC Set @ 4,744'MD/4,743' TVD and 3,610' MD/3,608' TVD Intermediate Cement: PUMP 2 BBLS OF WATER AND TESTED LINES TO 4000 PSI. PUMP 50 BBLS OF FRESH WATER DYED SPACER. 1ST STAGE LEAD : 1,380 SX, 452 BBLS, (1.84 CUFT/SK) OF 12.8 PPG, 1ST STAGE TAIL: 310 SX, 67 BBLS, (1.22 CUFT/SK) OF 14.8 PPG. DROP PLUG AND DISPLACE WITH 150 BBLS OF FRESH WATER AT 6.5 BPM, FOLLOWED BY 203 BBLS OF BRINE WATER AT 6.5 BPM. SLOWED DOWN TO 4.0 BPM FOR LAST 20 BBLS. BUMPED PLUG WITH 2,100 PSI, 500 PSI OVER FINAL LIFT PRESSURE OF 1,600 PSI. STEPPED PRESSURE UP TO 2,830 PSI TO INFLATE PACKER. BLEED OFF TO VERIFY PACKER INFLATED, PACKER TOOK 1/3 BBL TO INFLATE. RELEASED PRESSURE,FLOATS HELD, BLEED BACK 2.5 BBLS. 194 BBLS / 592 SXS CIRCULATED TO SURFACE. PRESSURE TEST CASING TO 1,500 PSI FOR 30 MIN - GOOD

Well Name: ANDERSON FED COM

Well Location: T22S / R32E / SEC 2 /
LOT 2 / 32.427556 / -103.644449

County or Parish/State: LEA /
NM

Well Number: 603H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM120905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002549003

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: EILEEN KOSAKOWSKI

Signed on: MAR 24, 2022 12:55 PM

Name: ADVANCE ENERGY PARTNERS HAT MESA LLC

Title: Regulatory Analyst

Street Address: 5400 LBJ FREEWAY, STE 1500

City: DALLAS

State: TX

Phone: (972) 371-5200

Email address: EILEEN.KOSAKOWSKI@MATADORRESOURCES.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

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: 04/17/2022

Signature: Jonathon Shepard

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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM120905
2. Name of Operator ADVANCE ENERGY PARTNERS HAT MESA LLC		6. If Indian, Allottee or Tribe Name
3a. Address C/O AMEREDEV OPERATING LLC, AUSTIN, TX	3b. Phone No. (include area code) (346) 444-9739	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 2/T22S/R32E/NMP		8. Well Name and No. ANDERSON FED COM/603H
		9. API Well No. 3002549003
		10. Field and Pool or Exploratory Area Red Tank/BONE SPRING
		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	
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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.)

Casing Ran: 9.625, 40#, J55 and HCL-80 BTC Set @ 4,744MD/4,743 TVD and 3,610 MD/3,608 TVD
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SXS CIRCULATED TO SURFACE. PRESSURE TEST CASING TO 1,500 PSI FOR 30 MIN - GOOD

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) EILEEN KOSAKOWSKI / Ph: (972) 371-5200	Regulatory Analyst Title
(Electronic Submission) Signature	Date 03/24/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted	Petroleum Engineer Title	Date 04/17/2022
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	

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Additional Information

Location of Well

0. SHL: LOT 2 / 180 FNL / 2314 FEL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.427556 / LONG: -103.644449 (TVD: 0 feet, MD: 0 feet)

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Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549003	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC	

Subsequent Report

Sundry ID: 2663793

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 03/24/2022	Time Sundry Submitted: 12:54
Date Operation Actually Began: 10/13/2021	

Actual Procedure: Casing Ran: 5.5", 23#, P110 CDC-HTQ Set @ 17,394' MD/10,370' TVD Production Cement: PUMP 2 BPM H2O AND TEST LINES TO 8500 PSI. PUMP CEMENT AS FOLLOWS: 40 BBLS 10.3ppg WEIGHTED SPACER; LEAD: 980 SKS, 592 BBLS (3.39 CUFT/SK) 10.7 PPG, 50% EXCESS; TAIL: 1820 SKS, 392 BBLS (1.21 CUFT/SK) 14.5 PPG, 20% EXCESS; DROP PLUG AND DISPLACE 368 BBLS FRESH WATER + 0.25 GPT PLEXCID 24L+1GPT CORPLEX (1ST 10 BBLS SUGAR WATER MIX) AT 4-8 BPM. SLOW RATE TO 3 BPM FOR FINAL 40 BBLS. FINAL LIFT 1900 PSI. BUMP TO 2400 PSI. PRESSURE UP TO 3400 PSI AND RUPTURE DISC IN WET SHOE. PUMP 5 BBLS ADDITIONAL. 1.5 BBLS BACK TO TRUCK MONITOR FLOATS FOR 5 MINUTES - FLOATS HELD. RIG DOWN CEMENTERS. LOST RETURNS WITH 150 BBLS OF DISPLACEMENT AWAY WITH 756# OF LIFT PSI. HAD ESTIMATED 10 BBLS OF SPACER BACK ONCE LOSS RETURNS. WTC ESTIMATED TOC @ 646'. SET PACK-OFF AND PULL TEST TO 50K OVER; TEST SEAL TO 5,000 PSI FOR 10 MINS

Well Name: ANDERSON FED COM	Well Location: T22S / R32E / SEC 2 / LOT 2 / 32.427556 / -103.644449	County or Parish/State: LEA / NM
Well Number: 603H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549003	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: EILEEN KOSAKOWSKI	Signed on: MAR 24, 2022 12:56 PM
Name: ADVANCE ENERGY PARTNERS HAT MESA LLC	
Title: Regulatory Analyst	
Street Address: 5400 LBJ FREEWAY, STE 1500	
City: DALLAS	State: TX
Phone: (972) 371-5200	
Email address: EILEEN.KOSAKOWSKI@MATADORRESOURCES.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

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: 04/17/2022
Signature: Jonathon Shepard	

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.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM120905
2. Name of Operator ADVANCE ENERGY PARTNERS HAT MESA LLC		6. If Indian, Allottee or Tribe Name
3a. Address C/O AMEREDEV OPERATING LLC, AUSTIN, TX 78746	3b. Phone No. (include area code) (346) 444-9739	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 2/T22S/R32E/NMP		8. Well Name and No. ANDERSON FED COM/603H
		9. API Well No. 3002549003
		10. Field and Pool or Exploratory Area Red Tank/BONE SPRING
		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 detennined that the site is ready for final inspection.)

Casing Ran: 5.5", 23#, P110 CDC-HTQ Set @ 17,394' MD/10,370' TVD Production Cement: PUMP 2 BPM H2O AND TEST LINES TO 8500 PSI. PUMP CEMENT AS FOLLOWS: 40 BBLS 10.3ppg WEIGHTED SPACER; LEAD: 980 SKS, 592 BBLS (3.39 CUFT/SK) 10.7 PPG, 50% EXCESS; TAIL: 1820 SKS, 392 BBLS (1.21 CUFT/SK) 14.5 PPG, 20% EXCESS; DROP PLUG AND DISPLACE 368 BBLS FRESH WATER + 0.25 GPT PLEXCID 24L+1GPT CORPTEX (1ST 10 BBLS SUGAR WATER MIX) AT 4-8 BPM. SLOW RATE TO 3 BPM FOR FINAL 40 BBLS. FINAL LIFT 1900 PSI. BUMP TO 2400 PSI. PRESSURE UP TO 3400 PSI AND RUPTURE DISC IN WET SHOE. PUMP 5 BBLS ADDITIONAL. 1.5 BBLS BACK TO TRUCK MONITOR FLOATS FOR 5 MINUTES - FLOATS HELD. RIG DOWN CEMENTERS. LOST RETURNS WITH 150 BBLS OF DISPLACEMENT AWAY WITH 756# OF LIFT PSI. HAD ESTIMATED 10 BBLS OF SPACER BACK ONCE LOSS RETURNS. WTC ESTIMATED TOC @ 646'. SET PACK-OFF AND PULL TEST TO 50K OVER; TEST SEAL TO 5,000 PSI FOR 10 MINS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) EILEEN KOSAKOWSKI / Ph: (972) 371-5200	Regulatory Analyst Title
(Electronic Submission) Signature	Date 03/24/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted	Petroleum Engineer Title	Date 04/17/2022
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: LOT 2 / 180 FNL / 2314 FEL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.427556 / LONG: -103.644449 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 2 / 327 FNL / 2253 FEL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.4271535 / LONG: -103.6441444 (TVD: 11538 feet, MD: 11551 feet)

PPP: SWSE / 0 FSL / 2310 FEL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.428108 / LONG: -103.644306 (TVD: 11792 feet, MD: 11994 feet)

PPP: SWNE / 2640 FNL / 2310 FEL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.435343 / LONG: -103.644318 (TVD: 11800 feet, MD: 14627 feet)

BHL: SWSE / 1220 FSL / 1254 FEL / TWSP: 21S / RANGE: 32E / SECTION: 26 / LAT: 32.445927 / LONG: -103.644318 (TVD: 11800 feet, MD: 18487 feet)

Surface Casing Sundry

Anderson Fed Com #603H																											
DATE	STRING	FLUID TYPE (list)	WT LB/FT (decimal)	GRADE	CONV	HOLE SZ (fraction)	CSG SZ (fraction)	HOLE DEPTH (feet)	DEPTH SET (feet)	PRESS HELD (psi)	DURATION HELD (decimal hours)	TEST RESULT	STAGE	STAGE TOOL DEPTH (ftm)	LD SX	LD YIELD	LD DENSITY (PPG)	TL SX	TL YIELD	TL DENSITY (PPG)	TTL SX	TTL BBLs	CLASS (list)	TOP OF CMT (feet)	METHOD USED (list)	BRLS TO SURF (if circulated)	SX TO SURF (if circulated)
8/12/2021	SURF	Fresh Water	54.50	J-55	Buttress	17-1/2"	13-3/8"	1295	1280	1500	0.5	Good Test	1		650	1.9	12.8	215	1.35	14.8	865	271.638	C	0	Circ	107	326

Intermediate Casing Sundry

Anderson Fed Com #603H																											
DATE	STRING	FLUID TYPE (list)	WT LB/FT (decimal)	GRADE	CONN	HOLE SZ (fraction)	CSG SZ (fraction)	HOLE DEPTH (feet)	DEPTH SET (feet)	PRESS HELD (psi)	DURATION HELD (decimal hours)	TEST RESULT	STAGE	STAGE TOOL DEPTH (ftm)	LD SX	LD YIELD	LD DENSITY (PPG)	TL SX	TL YIELD	TL DENSITY (PPG)	TTL SX	TTL BBLs	CLASS (list)	TOP OF CMT (feet)	METHOD USED (list)	BBLs TO SURF (if circulated)	SX TO SURF (if circulated)
8/12/2021	SURF	Fresh Water	54.50	J-55	Buttress	17-1/2"	13-3/8"	1295	1280	1500	0.5	Good Test	1	0	650	1.9	12.8	215	1.35	14.8	865	271.638	C	0	Circ	107	326
8/24/2021	INT 1	Brine	40.00	J-55	Buttress	12-1/4"	9-5/8"	4755	0' - 3610'					3061													
8/24/2021	INT 1	Brine	40.00	HCL-80	Buttress	12-1/4"	9-5/8"	4755	3610' - 4744'	1500	0.5	Good Test	1		1380	1.84	12.8	310	1.22	14.8	1690	519.573	C	0	Circ	194	592

Production Casing Sundry

Anderson Fed Com #603H																											
DATE	STRING	FLUID TYPE (list)	WT LB/FT (decimal)	GRADE	CONN	HOLE SZ (fraction)	CSG SZ (fraction)	HOLE DEPTH (feet)	DEPTH SET (feet)	PRESS HELD (psi)	DURATION HELD (decimal hours)	TEST RESULT	STAGE	STAGE TOOL DEPTH (ftm)	LD SX	LD YIELD	LD DENSITY	TL SX	TL YIELD	TL DENSITY	TTL SX	TTL BBLs (list)	CLASS (list)	TOP OF CMT (feet)	METHOD USED (list)	BBLs TO SURF (if circulated)	SX TO SURF (if circulated)
8/12/2021	SURF	Fresh Water	54.50	J-55	Buttress	12-1/2"	13-3/8"	1295	1280	1500	0.5	Good Test	1	0	650	1.9	12.8	215	1.35	14.8	865	271.638	C	0	Circ	107	326
8/24/2021	INT 1	Brine	40.00	J-55	Buttress	12-1/4"	9-5/8"	4755	0'-3610'					3061													
8/24/2021	INT 1	Brine	40.00	HCL-80	Buttress	12-1/4"	9-5/8"	4755	3610'-4744'	1500	0.5	Good Test	1	0	1380	1.84	12.8	310	1.22	14.8	1690	519.573	C	0	Circ	194	592
10/14/2021	PROD	Cut Brine	23.00	HCP-110	CDC-HTQ	8-3/4"	5-1/2"	17408	17394	1500.0	0.5	Good Test	1		980	3.39	10.70	1820	1.21	14.5	2800	983.865	H	646	Calc	0	0
8/11/2021 SPUD DATE																											
10/7/2021 KOP: 9,786' MD / 9,765' TVD																											
10/13/2021 TD: 17,408' MD / 10,366' TVD																											
10/14/2021 RIG RELEASE																											

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 401408

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 401408
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
sarah.clelland	None	11/13/2024