

Well Name: ANDERSON FED COM	Well Location: T22S / R32E / SEC 2 / LOT 3 / 32.427546 / -103.646974	County or Parish/State: LEA / NM
Well Number: 602H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549002	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC	

Subsequent Report

Sundry ID: 2663601

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 03/23/2022

Time Sundry Submitted: 01:41

Date Operation Actually Began: 08/17/2021

Actual Procedure: Spud Date: 08/17/2021 Hole Size: 17.5" Casing Ran: 13.375", 68#, J-55 BTC Set @ 1,289' MD/1,289' TVD Surface Cement: PUMP 5 BBLS OF WATER AND TEST LINES TO 2000 PSI. PUMP CEMENT AS FOLLOWS: 20 BBLS OF GREEN DYED FRESH WATER SPACER. LEAD: 650 SX, 220 BBLS, (1.9 CUFT/SK) OF 12.8 PPG, 90% EXCESS. TAIL: 215 SX, 51.7 BBLS, (1.35 CUFT/SK) OF 14.8 PPG., 20% EXCESS. DROP PLUG AND DISPLACE 181 BBLS OF 10 PPG BRINE AT 7 BPM. SLOW DOWN TO 4 BPM FOR LAST 20 BBLS. BUMP WITH 1400 PSI. FINAL LIFT 360 PSI. BLED BACK 0.5 BBL. FLOATS HELD. FULL RETURNS THROUGHOUT JOB. CIRCULATED 100 BBLS 295 SX CEMENT TO SURFACE. (8/18/21) TEST CASING TO 1500 PSI FOR 30 MINUTES - GOOD TEST.

Well Name: ANDERSON FED COM

Well Location: T22S / R32E / SEC 2 /
LOT 3 / 32.427546 / -103.646974

County or Parish/State: LEA /
NM

Well Number: 602H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM120905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002549002

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 23, 2022 01:43 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 MANAGEMENT

FORM 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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ADVANCE ENERGY PARTNERS HAT MESA LLC

3a. Address C/O AMEREDEV OPERATING LLC, AUSTIN, TX

3b. Phone No. (include area code)
(346) 444-9739

5. Lease Serial No.

NMNM120905

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

ANDERSON FED COM/602H

9. API Well No.

3002549002

10. Field and Pool or Exploratory Area

Red Tank/BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 2/T22S/R32E/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 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 perfonned 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 hasbeen 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.)

Spud Date: 08/17/2021

Hole Size: 17.5

Casing Ran: 13.375, 68#, J-55 BTC Set @ 1,289 MD/1,289 TVD

Surface Cement: PUMP 5 BBLS OF WATER AND TEST LINES TO 2000 PSI. PUMP CEMENT AS FOLLOWS: 20 BBLS OF GREEN DYED FRESH WATER SPACER. LEAD: 650 SX, 220 BBLS, (1.9 CUFT/SK) OF 12.8 PPG, 90% EXCESS. TAIL: 215 SX, 51.7 BBLS, (1.35 CUFT/SK) OF 14.8 PPG., 20% EXCESS. DROP PLUG AND DISPLACE 181 BBLS OF 10 PPG BRINE AT 7 BPM. SLOW DOWN TO 4 BPM FOR LAST 20 BBLS. BUMP WITH 1400 PSI. FINAL LIFT 360 PSI. BLED BACK 0.5 BBL. FLOATS HELD. FULL RETURNS THROUGHOUT JOB. CIRCULATED 100 BBLS 295 SX CEMENT TO SURFACE. (8/18/21) TEST CASING TO 1500 PSI FOR 30 MINUTES - 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

03/23/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted

Petroleum Engineer

Title

04/17/2022

Date

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 3 / 180 FNL / 2155 FWL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.427546 / LONG: -103.646974 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 3 / 336 FNL / 1655 FWL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.4271188 / LONG: -103.647594 (TVD: 11524 feet, MD: 11556 feet)

PPP: SESW / 0 FSL / 1650 FWL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.428094 / LONG: -103.648607 (TVD: 11790 feet, MD: 12006 feet)

PPP: SENW / 2640 FNL / 1650 FWL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.435312 / LONG: -103.64859 (TVD: 11800 feet, MD: 14639 feet)

BHL: SESW / 1220 FSL / 1650 FWL / TWSP: 21S / RANGE: 32E / SECTION: 26 / LAT: 32.445911 / LONG: -103.648594 (TVD: 11800 feet, MD: 18499 feet)

Well Name: ANDERSON FED COM	Well Location:	County or Parish/State:
Well Number: 602H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549002	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC	

Subsequent Report

Sundry ID: 2663605

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 03/23/2022

Time Sundry Submitted: 01:42

Date Operation Actually Began: 08/29/2021

Actual Procedure: Casing Ran: 9.625", 40#, J55 and HCL-80 BTC Set @ 4,759'MD/4,758' TVD and 2,940' MD/2,939' TVD Intermediate Cement: PUMP 50 BBLS OF GREEN DYED FRESH WATER SPACER. LEAD:1380 SX, 452 BBLS, (1.84 CUFT/SK) OF 12.8 PPG. TAIL: 310 SX, 67.4 BBLS, (1.22 CUFT/SK) OF 15.6 PPG. DROP PLUG AND DISPLACE 357 BBLS (FIRST 150 FRESH, FINAL 207 BBLS BRINE) AT 8 BPM. SLOW DOWN TO 4 BBLS/MIN FOR LAST 20 BBLS. BUMP WITH 1870 PSI. FINAL LIFT 1360 PSI. BLED BACK 2.5 BBLS. FLOATS HELD. 175 BBLS OF CEMENT TO SURFACE. 534 SX. TEST CASING TO 1500 PSI FOR 30 MINUTES - GOOD TEST

Well Number: 602H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM120905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002549002

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 23, 2022 01:45 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 MANAGEMENT

FORM 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)		8. Well Name and No. ANDERSON FED COM/602H
		9. API Well No. 3002549002
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

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 recomplete 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.)

Casing Ran: 9.625, 40#, J55 and HCL-80 BTC Set @ 4,759MD/4,758 TVD and 2,940 MD/2,939 TVD
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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 03/23/2022

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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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.

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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.

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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

Well Name: ANDERSON FED COM	Well Location: T22S / R32E / SEC 2 / LOT 3 / 32.427546 / -103.646974	County or Parish/State: LEA / NM
Well Number: 602H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM120905	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549002	Operator: ADVANCE ENERGY PARTNERS HAT MESA LLC	

Subsequent Report

Sundry ID: 2663609

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 03/23/2022

Time Sundry Submitted: 01:44

Date Operation Actually Began: 09/09/2021

Actual Procedure: Casing Ran: 5.5", 23#, P110 CDC-HTQ Set @ 18,500' MD/11,836' TVD Production Cement: PUMP 2 BPM H2O AND TEST LINES TO 8000 PSI. PUMP CEMENT AS FOLLOWS: 40 BBLS 10# WEIGHTED SPACER; LEAD: 1100 SKS, 665 BBLS (3.4 CUFT/SK) 10.7 PPG, 50% EXCESS; TAIL: 1795 SKS, 390 BBLS (1.22 CUFT/SK) 14.5 PPG, 20% EXCESS; DROP PLUG AND DISPLACE 392 BBLS FRESH WATER + 0.25 GPT PLEXCIDE 24L+1GPT CORPLEX (1ST 10 BBLS SUGAR WATER MIX) AT 8 BPM. SLOW RATE TO 3 BPM FOR FINAL 30 BBLS. FCP AT 3 BBL/ MIN. - 2190 PSI. BUMP TO 3000 PSI AT 21:45 PM HRS. SHUT DOWN AND HOLD 3000 PSI FOR 5 MINS. BLEED PSI AND CHECK FLOATS. FLOATS HELD. PRESSURE UP TO 4294 PSI AND RUPTURE DISC IN WET SHOE. PUMP 5 BBLS ADDITIONAL. 3.5 BBLS BACK TO TRUCK MONITOR FLOATS FOR 5 MINUTES - FLOATS HELD. RIG DOWN CEMENTERS. 190 BBLS OF CEMENT BACK TO SURFACE. INSTALL PACKOFF INTO WELLHEAD. LOCK IN; PULL TEST TO 50K OVER STRING WEIGHT; TEST SEALS TO 5,000 PSI- GOOD TESTS

Well Name: ANDERSON FED COM

Well Location: T22S / R32E / SEC 2 /
LOT 3 / 32.427546 / -103.646974

County or Parish/State: LEA /
NM

Well Number: 602H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM120905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002549002

Operator: ADVANCE ENERGY
PARTNERS HAT MESA LLC

Operator

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Operator Electronic Signature: EILEEN KOSAKOWSKI

Signed on: MAR 23, 2022 01:46 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

☒ Oil Well ☐ Gas Well ☐ Other

2. 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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Serial No.

NMNM120905

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

ANDERSON FED COM/602H

9. API Well No.

3002549002

10. Field and Pool or Exploratory Area

11. Country or Parish, State

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 @ 18,500' MD/11,836' TVD Production Cement: PUMP 2 BPM H2O AND TEST LINES TO 8000 PSI. PUMP CEMENT AS FOLLOWS: 40 BBLS 10# WEIGHTED SPACER; LEAD: 1100 SKS, 665 BBLS (3.4 CUFT/SK) 10.7 PPG, 50% EXCESS; TAIL: 1795 SKS, 390 BBLS (1.22 CUFT/SK) 14.5 PPG, 20% EXCESS; DROP PLUG AND DISPLACE 392 BBLS FRESH WATER + 0.25 GPT PLEXCIDE 24L+1GPT CORPTEX (1ST 10 BBLS SUGAR WATER MIX) AT 8 BPM. SLOW RATE TO 3 BPM FOR FINAL 30 BBLS. FCP AT 3 BBL/ MIN. - 2190 PSI. BUMP TO 3000 PSI AT 21:45 PM HRS. SHUT DOWN AND HOLD 3000 PSI FOR 5 MINS. BLEED PSI AND CHECK FLOATS. FLOATS HELD. PRESSURE UP TO 4294 PSI AND RUPTURE DISC IN WET SHOE. PUMP 5 BBLS ADDITIONAL. 3.5 BBLS BACK TO TRUCK MONITOR FLOATS FOR 5 MINUTES - FLOATS HELD. RIG DOWN CEMENTERS. 190 BBLS OF CEMENT BACK TO SURFACE. INSTALL PACKOFF INTO WELLHEAD. LOCK IN; PULL TEST TO 50K OVER STRING WEIGHT; TEST SEALS TO 5,000 PSI- GOOD TESTS

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

03/23/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted

Petroleum Engineer

Title

04/17/2022

Date

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 3 / 180 FNL / 2155 FWL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.427546 / LONG: -103.646974 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 3 / 336 FNL / 1655 FWL / TWSP: 22S / RANGE: 32E / SECTION: 2 / LAT: 32.4271188 / LONG: -103.647594 (TVD: 11524 feet, MD: 11556 feet)

PPP: SESW / 0 FSL / 1650 FWL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.428094 / LONG: -103.648607 (TVD: 11790 feet, MD: 12006 feet)

PPP: SENW / 2640 FNL / 1650 FWL / TWSP: 21S / RANGE: 32E / SECTION: 35 / LAT: 32.435312 / LONG: -103.64859 (TVD: 11800 feet, MD: 14639 feet)

BHL: SESW / 1220 FSL / 1650 FWL / TWSP: 21S / RANGE: 32E / SECTION: 26 / LAT: 32.445911 / LONG: -103.648594 (TVD: 11800 feet, MD: 18499 feet)

Surface Casing Sundry

Anderson Fed Com #602H																											
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)	BBLs TO SURF (if circulated)	SX TO SURF (if circulated)
8/19/2021	SURF	Fresh Water	54.50	J-55	Buttress	17-1/2"	13-3/8"	1304	1289	1500	0.5	Good Test	1		650	1.9	12.8	215	1.35	14.8	865	271.638	C	0	Circ	100	295

Intermediate Casing Sundry

Anderson Fed Com #602H																											
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 (list)	CLASS	TOP OF CMT (feet)	METHOD USED (list)	BBLs TO SURF (if circulated)	SX TO SURF (if circulated)
8/19/2021	SURF	Fresh Water	54.50	J-55	Buttress	17-1/2"	13-3/8"	1304	1289	1500	0.5	Good Test	1	0	650	1.9	12.8	215	1.35	14.8	865	271.638	C	0	Circ	100	295
8/30/2021	INT 1	Brine	40.00	J-55	Buttress	12-1/4"	9-5/8"	4774	0' - 2940'					3141													
8/30/2021	INT 1	Brine	40.00	HCL-80	Buttress	12-1/4"	9-5/8"	4774	2940' - 4759'	1500	0.5	Good Test	1		1381	1.84	12.8	310	1.22	15.6	1691	519.9	C	0	Circ	175	534

Production Casing Sundry

Anderson Fed Com #602H																												
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	CLASS (list)	TOP OF CMT (feet)	METHOD USED (list)	BBLs TO SURF (if circulated)	SX TO SURF (if circulated)	
8/19/2021	SURF	Fresh Water	54.50	J-55	Buttress	12-1/4"	13-3/8"	1304	1289	1500	0.5	Good Test	1	0	650	1.9	12.8	215	1.35	14.8	865	271.638	C	0	Circ	100	295	
8/30/2021	INT 1	Brine	40.00	J-55	Buttress	12-1/4"	9-5/8"	4774	0'-2940'					3141														
8/30/2021	INT 1	Brine	40.00	HCL-80	Buttress	12-1/4"	9-5/8"	4774	2940'-4759'	1500	0.5	Good Test	1	0	1381	1.84	12.8	310	1.22	15.6	1691	519.9	C	0	Circ	175	534	
9/9/2021	PROD	Cut Brine	23.00		HCP-110	CDC-HTQ	8-3/4"	5-1/2"	18520	18500	1500.0	0.5	Good Test	1		1100	3.40	10.70	1795	1.22	14.5	2895	1056.08	H	0	Circ	190	314
8/17/2021 SPUD DATE																												
9/3/2021 KOP: 11,316' MD / 11,310' TVD																												
9/8/2021 TD: 18,520' MD / 11,793' TVD																												
9/10/2021 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 401407

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 401407
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

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