

Well Name: EMPIRE ABO L	Well Location: T18S / R27E / SEC 2 / SWSW / 32.7692106 / -104.255576	County or Parish/State: EDDY / NM
Well Number: 134	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: STATE	Unit or CA Name: EMPIRE ABO	Unit or CA Number: NMNM70945X
US Well Number: 300152277700S1	Operator: APACHE CORPORATION	

Subsequent Report

Sundry ID: 2827167

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 12/12/2024	Time Sundry Submitted: 10:34
Date Operation Actually Began: 11/15/2024	

Actual Procedure: null

SR Attachments

Actual Procedure

SUNDRY_FINAL_PA_SUB_EMPIRE_ABO_UT_134_12_12_24_20241212103408.pdf

Received by OCD: 12/19/2024 1:19:08 PM

Page 2 of 9

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US Well Number: 300152277700S1	Operator: APACHE CORPORATION	

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: NICOLE PRIMERA	Signed on: DEC 12, 2024 10:34 AM
Name: APACHE CORPORATION	
Title: Regulatory Technician	
Street Address: 303 VETERANS AIRPARK LANE	
City: MIDLAND	State: TX
Phone: (432) 818-1103	
Email address: NICOLE.PRIMERA@APACHECORP.COM	

Field

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

BLM Point of Contact

BLM POC Name: JAMES A AMOS	BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927	BLM POC Email Address: jamos@blm.gov
Disposition: Accepted	Disposition Date: 12/17/2024
Signature: James A Amos	

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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<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 recompleate 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 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 detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	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	

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: SWSW / 10 FSL / 640 FWL / TWSP: 18S / RANGE: 27E / SECTION: 2 / LAT: 32.7692106 / LONG: -104.255576 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 10 FSL / 640 FWL / TWSP: 18S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED OMB
No. 1004-0137 Expires:
December 31, 2024**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. State

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Apache Corporation

3a. Address 303 Veterans Airpark Lane, Suite 3000
Midland, TX 797053b. Phone No. (include area code)
(432) 818-10007. If Unit of CA/Agreement, Name and/or No.
Empire Abo/ NMNM70945X

8. Well Name and No. Empire Abo L #134

9. API Well No. 30-015-22777

10. Field and Pool or Exploratory Area
Empire-Abo/Empire-Abo4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
10 FSL & 640 FWL Sec 2, T18S, R27E11. Country or Parish, State
Eddy County, 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 type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

JMR Services/A-Plus P&A LLC plugged this well from 11/18/2024-12/03/2024.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Abigail Anderson

Title

P&A Engineer - Agent

Signature

Abigail Anderson

Date

12/04/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

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)

P&A Subsequent Report
Apache Corporation
Empire Abo Unit #134
30-015-22777

Note: All cement is Class C mixed at 14.8 ppg, yield 1.32 cu ft / sx. Cement volumes are based on inside capacities + 50' excess and outside capacities + 100% excess.

11/15/24 MIRU plugging equipment. NU BOP. RIH w/ 1 jt & packer. Pressure tested BOP, held 500 psi. Pressure tested csg, held 500 psi.

11/16/24 RU 3rd party wireline, tagged existing 5 ½" CIBP w/ 35' cmt cap @ 5826'. Ran CBL from 5826' to surface. RIH w/ tbq, tagged CIBP @ 5803'.

11/18/24 Circulated hole w/ 120 bbls 10# Brine H2O & plex gel. Spotted 25 sx class C cmt @ 5826-5626'. Spotted 65 sx class C cmt @ 5125-4500'. WOC.

11/19/24 Bubble tested csg, no bubbles. Tagged TOC @ 4476'. Spotted 35 sx class C cmt @ 4062-3750'. WOC & tagged @ 3742'. Spotted 25 sx class C cmt @ 3342-3142'.

11/20/24 Bubble tested 5 ½" & 8 5/8", no bubbles. Tagged TOC @ 3092'. Spotted 25 sx class C cmt @ 1806-1559'. WOC. Bubble tested 5 ½" & 8 5/8", no bubbles. Tagged TOC @ 1599'. Perf'd @ 1050'.

11/21/24 Bubble tested csgs, no bubbles. Pressured up against perfs @ 1050'. Spotted 30 sx class C cmt @ 1100-804'. WOC & tagged @ 833'. NU flange. Perf'd @ 400'. Established an injection rate out of 8 5/8". ND BOP. Sqz'd 133 sx class C cmt @ 400' & circulated to surface in the 5 ½" & 8 5/8".

11/22/24 Topped off well with cmt. RDMO.

12/03/24 Moved in backhoe & welder/ Dug out cellar. Cut off wellhead. Installed an above ground DHM. Dug up anchors, backfilled cellar, cleaned location, & moved off.



LEASE NAME	EMPIRE ABO UT.
WELL #	#134
API #	30-015-22777
COUNTY	EDDY, NM

FINAL P&A WB DIAGRAM

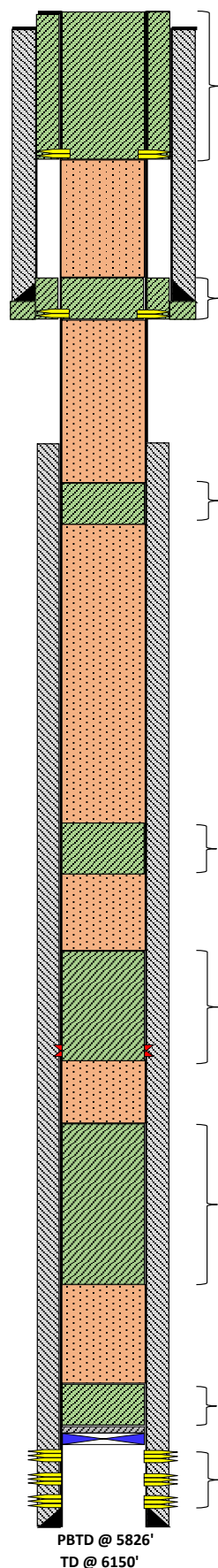
11" HOLE
8 5/8" 24# @ 1000'
W/ 450 SX CIRC TO SURF

TOC @ 1600'

DVT @ 4012' W/ 425 SX, TOC @ 1600'

CIBP @ 5826' W/ 35' CMT

7 7/8" HOLE
5 1/2" 15.5# @ 6150'
W/ 900 SX TO 4012"

**PLUG #7**

11-21-24 - NU flange. Perf'd @ 400'. Established an injection rate out of 8 5/8". ND BOP. Sqz'd 133 sx class C cmt @ 400' & circulated to surface in the 5 1/2" & 8 5/8".

11/22/24 - Topped off well with cmt. RDMO.

12/03/24 - Moved in backhoe & welder/ Dug out cellar. Cut off wellhead. Installed an above ground DHM. Dug up anchors, backfilled cellar, cleaned location, & moved off.

PLUG #6

11-20-24 - PUH & Perf'd @ 1050'.

11/21/24 Bubble tested csgs, no bubbles. Pressured up against perfs @ 1050'. BLM Switt Puttawi approved to spot 30 sx class C cmt @ 1100-804'. WOC & tagged @ 833'. BLM Switt approved tag. NU flange. Perf'd @ 400'. Established an injection rate out of 8 5/8". ND BOP. Sqz'd 133 sx class C cmt @ 400' & circulated to surface in the 5 1/2" & 8 5/8".

PLUG #5

11-20-24 - PUH & Spotted 25 sx class C cmt @ 1806-1559'. WOC. Bubble tested 5 1/2" & 8 5/8", no bubbles. Tagged TOC @ 1599', Switt Puttawi apprved tag.

PLUG #4

11-19-24 - PUH & Spotted 25 sx class C cmt @ 3342-3142'.

11/20/24 Bubble tested 5 1/2" & 8 5/8", no bubbles. Tagged TOC @ 3092'. BLM-Switt Puttawi approved tag.

PLUG #3

11-19-24 - PUH & Spotted 35 sx class C cmt @ 4062-3750'. WOC & tagged @ 3742'.

PLUG #2

11-18-24 - Spotted 65 sx class C cmt @ 5125-4500'. WOC.

11/19/24 - Bubble tested csg, no bubbles. Tagged TOC @ 4476.

PLUG #1

11/15/24 MIRU plugging equipment. NU BOP. RIH w/ 1 jt & packer. Pressure tested BOP, held 500 psi. Pressure tested csg, held 500 psi.

11/16/24 RU 3rd party wireline, tagged existing 5 1/2" CIBP w/ 35' cmt cap @ 5826'. Ran CBL from 5826' to surface. RIH w/ tbg, tagged CIBP @ 5803'.

11/18/24 Circulated hole w/ 120 bbls 10# Brine H2O & plex gel. Spotted 25 sx class C cmt @ 5826-5626'.

PERFS @
5876'-6068

PBTD @ 5826'
TD @ 6150'

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 414026

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 414026
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Submit C-103Q within one year of plugging.	12/23/2024
kfortner	DHM set 12/3/24	12/23/2024