

Well Name: EMPIRE ABO O	Well Location: T18S / R27E / SEC 8 / NESE / 32.7595925 / -104.2930834	County or Parish/State: EDDY / NM
Well Number: 4	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM29275	Unit or CA Name: EMPIRE ABO	Unit or CA Number: NMNM70945X
US Well Number: 3001500825	Operator: APACHE CORPORATION	

Accepted for record only BLM approval required NMOCD 8/27/24

Subsequent Report

Sundry ID: 2803283

Type of Submission: Subsequent Report

Type of Action: Temporary Abandonment

Date Sundry Submitted: 07/25/2024

Time Sundry Submitted: 04:27

Date Operation Actually Began: 05/16/2024

Actual Procedure: apache is requesting a 1 year TA status 5/3/2024 POOH lay down rods and pump 5/6/2024 set cipb @5320+35' of cement TOC @5285 5/16/2024 Run MIT attached MIT , BHT and WBD

SR Attachments

Actual Procedure

MIT__BHT_2024_20240725161430.pdf

SR Conditions of Approval

Specialist Review

TA_COA_20240801165444.pdf

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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: ALICIA FULTON

Signed on: JUL 25, 2024 04:13 PM

Name: APACHE CORPORATION

Title: Sr. Regulatory Analyst

Street Address: 303 Veterans Airpark Lane

City: Midland

State: TX

Phone: (432) 818-1088

Email address: Alicia.fulton@apachecorp.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: Approved

Disposition Date: 08/01/2024

Signature: Jonathon Shepard

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: NESE / 1650 FSL / 330 FEL / TWSP: 18S / RANGE: 27E / SECTION: 8 / LAT: 32.7595925 / LONG: -104.2930834 (TVD: 0 feet, MD: 0 feet)

BHL: NESE / 1650 FSL / 330 FEL / TWSP: 18S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Temporary Abandonment of Wells

Definition: A temporarily abandoned well is a completion that is not capable of production in paying quantities, but which may have future value. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

1. TA status will be effective for a period of up to one year from the date of sundry approval and can be renewed annually thereafter per IM NM-2016-017.
2. A bridge plug (CIBP) must be installed 50 to 100 feet above any open perforations/open hole/kick off point. The CIBP must be capped with either a minimum of 25 sacks of cement if placed with tubing or 35 feet of cement if placed with a bailer. The top of the cement must be verified by tagging.
3. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. If the well does not pass the casing integrity test, then the operator shall, within 30 days, submit a procedure to either repair the casing or to plug and abandon the well.
4. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
5. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if it is not isolated by a packer.
6. A bradenhead test must be conducted. If the test indicates a problem, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
7. Submit a subsequent Sundry Notice (Form 3160-5) with the following information:
 - a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
 - b. A description of the temporary abandonment procedure.
 - c. A clear copy or the original of the pressure test chart.



Pressure Recorder Calibration Certificate

Company Name: <u>Apache</u>	Certificate #: <u>668613_42624</u>
Recorder Type: <u>Barton</u>	Serial #: <u>668613</u>
Pressure Range 1: <u>0-1000#</u>	Accuracy: <u>+/- 0.2% PSIG</u>
Pressure Range 2: <u>NA</u>	Accuracy: <u>+/- 0.2% PSIG</u>
Temperature Range: <u>NA</u>	Accuracy: <u>+/- 0.1% Deg. F</u>

Pressure Pen 1						Temperature Pen		
Increasing Pressure (PSIG)			Decreasing Pressure (PSIG)			Temperature Test (F°)		
Applied Pressure	Indicated Pressure	Error %	Applied Pressure	Indicated Pressure	Error %	Applied Temperature	Indicated Temperature	Error %
0	0	0	800	800	0	0	0	0
100	100	0	600	600	0	0	0	0
300	300	0	400	400	0	0	0	0
500	500	0	200	200	0	0	0	0
700	700	0	50	50	0	0	0	0
1000	1000	0	0	0	0	0	0	0

Pressure Pen 2					
Increasing Pressure (PSIG)			Decreasing Pressure (PSIG)		
Applied Pressure	Indicated Pressure	Error %	Applied Pressure	Indicated Pressure	Error %
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

This is to certify that this instrument has been inspected and calibrated using a certified 10,000 psi Crystal Gauge.

Calibrated By: Chris Villeneuve
 Calibration Date: 4-26-24

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division Artesia District Office

BRADENHEAD TEST REPORT

Operator Name Apache Corp	API Number 30-015-00825
Property Name Empire ABO Unit	Well No. 4B

Surface Location

UL - Lot I	Section 8	Township 18S	Range 27E	Feet from 11650	N/S Line S	Feet From 330	E/W Line E	County Eddy
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Well Status

<input checked="" type="checkbox"/> YES	TA'D WELL	<input type="checkbox"/> NO	<input type="checkbox"/> YES	SHUT-IN	<input type="checkbox"/> NO	<input type="checkbox"/> INJ	INJECTOR	<input checked="" type="checkbox"/> OIL	PRODUCER	<input type="checkbox"/> GAS	DATE 5/16/2024
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OBSERVED DATA

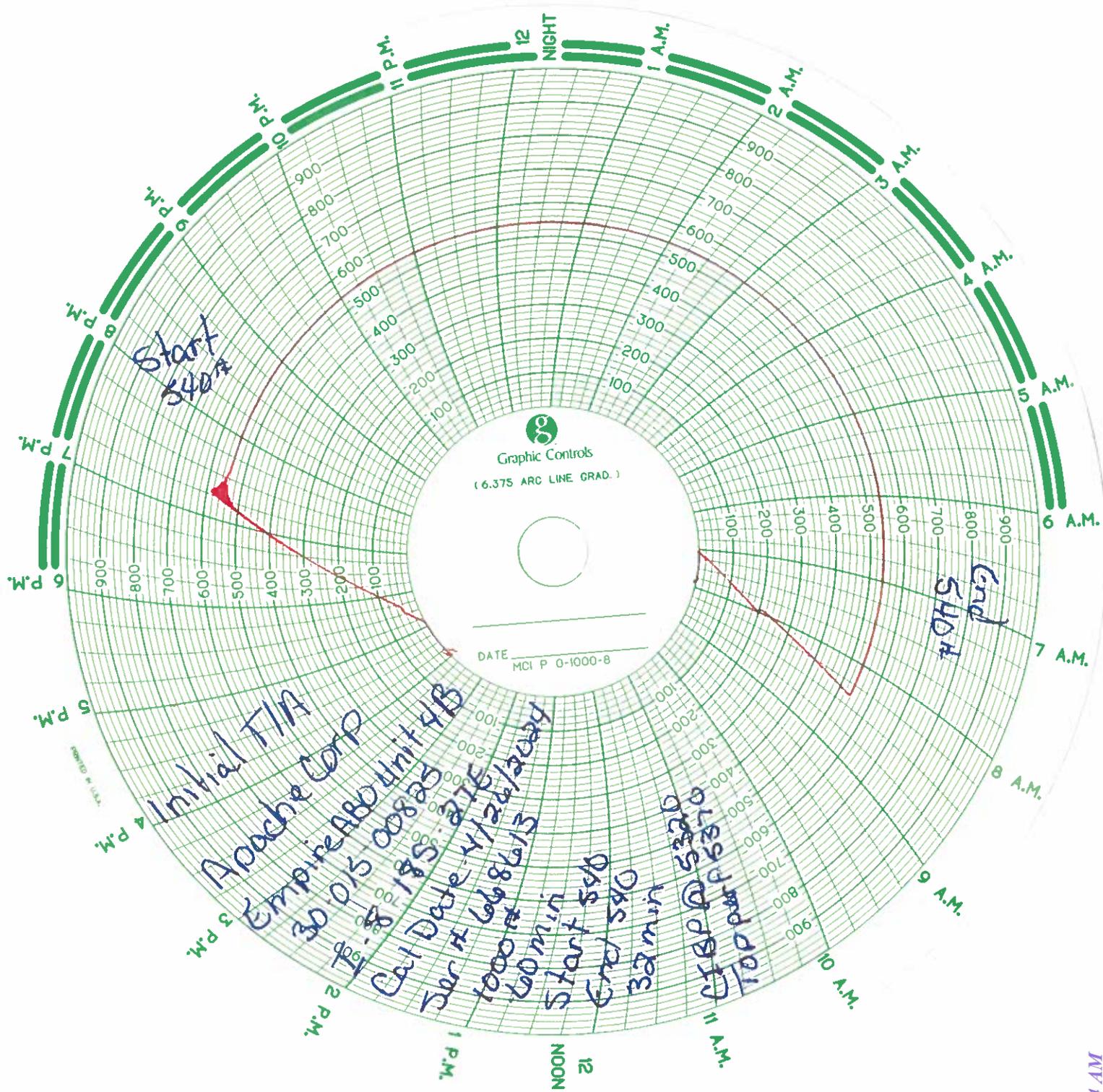
	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Cng	(E)Tubing
Pressure	0			0	T/A
Flow Characteristics					
Puff	Y/N	Y/N	Y/N	Y/N	CO2
Steady Flow	Y/N	Y/N	Y/N	Y/N	WTR
Surges	Y/N	Y/N	Y/N	Y/N	GAS
Down to nothing	Y/N	Y/N	Y/N	Y/N	Type of Fluid
Gas or Oil	Y/N	Y/N	Y/N	Y/N	Injected for
Water	Y/N	Y/N	Y/N	Y/N	Waterflood If
					applies

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

Initial T/A BHT

Signature:	OIL CONSERVATION DIVISION
Printed name:	Entered into RBDMS
Title:	Re-test
E-mail Address:	
Date:	
Phone:	
Witness: Barbara J. [Signature]	

INSTRUCTIONS ON BACK OF THIS FORM



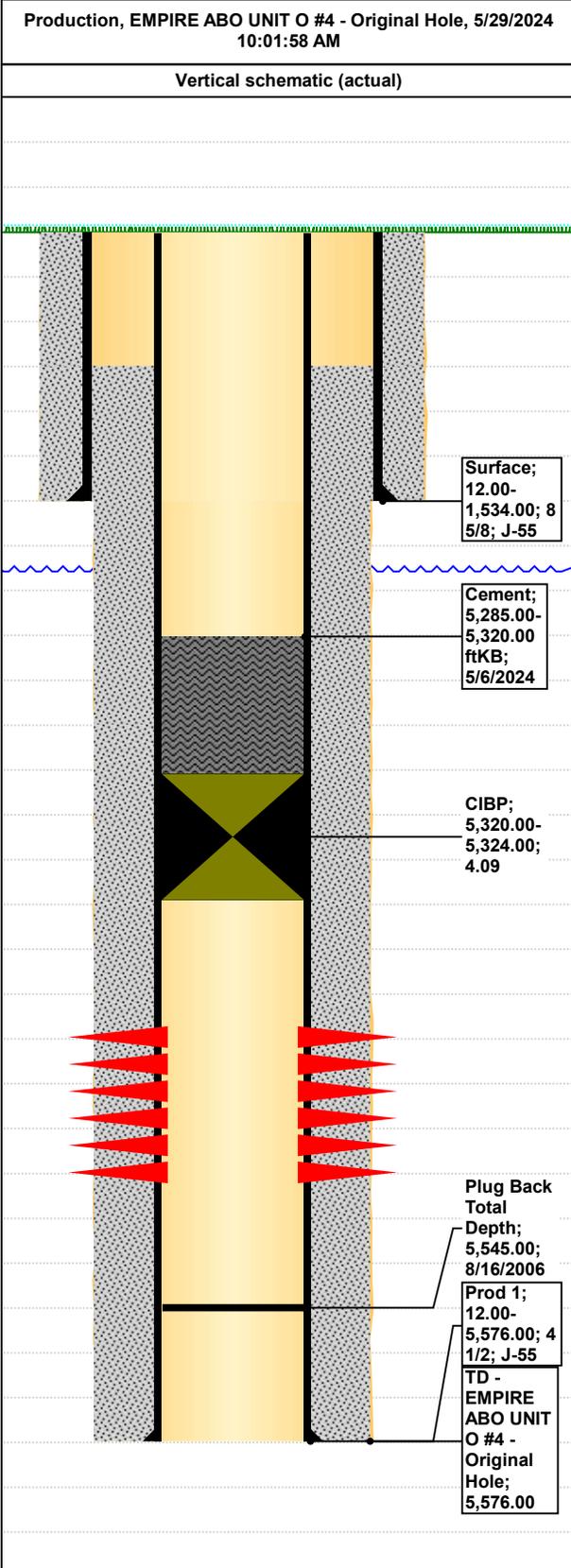


WBD Current

Well Name: **EMPIRE ABO UNIT O #004**

Reference Datum: **KB**

API/Surface Loc 3001500825	Surface Legal Location SEC 4 ST8S, R27E	Field Name Empire	State/Province New Mexico	Well Purpose Production
Spud Date 12/30/1960 00:00	Original KB Elevation (ft) 3,495.0	Ground Elevation (ft) 3,483.0	KB-Ground Distance (ft) 12.0	
PBTB (All) (ftKB) Original Hole - 5,545		Total Depth All (TVD) (ftKB)		



Wellbore Sections										
Section Description Surface	Size (in) 11	Act Top (ftKB) 12.0	Act Btm (ftKB) 1,534.0	Start Date						
Section Description Prod 1	Size (in) 7 7/8	Act Top (ftKB) 1,534.0	Act Btm (ftKB) 5,576.0	Start Date						
Casing Strings										
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)						
Surface	8 5/8	24.00	J-55	1,534.00						
Prod 1	4 1/2	9.50	J-55	5,576.00						
Cement Stages										
String Surface, 1,534.00ftKB, 8 5/8	Top Depth (ftKB) 12.00	Btm (ftKB) 1,534.00	Cementing Start Date							
String Prod 1, 5,576.00ftKB, 4 1/2	Top Depth (ftKB) 400.00	Btm (ftKB) 5,576.00	Cementing Start Date							
String Prod 1, 5,576.00ftKB, 4 1/2	Top Depth (ftKB) 5,285.00	Btm (ftKB) 5,320.00	Cementing Start Date 5/6/2024							
Tubing Strings										
Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)							
Item Des	Jts	Make/Manufacturer	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)			
Rod Strings										
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)							
Item Des	Jts	OD (in)	Len (ft)							
Other In Hole										
Description CIBP	Run Date 5/6/2024	OD (in) 4.09	Top (ftKB) 5,320	Btm (ftKB) 5,324	Run Date 5/6/2024					
Perforations										
Date	Type	Top (ftKB)	Btm (ftKB)	Prop?	Shot Dens (shots/ft)	Entered Shot Total				
1/20/1961		5,370	5,400	No	2.0					
Plug Back Total Depths										
Date 8/16/2006	Type	Depth (ftKB) 5,545	Depth (TVD) (ftKB)							
Schematic Annotations										
Start Date	Depth (ftKB)	Annotation								
Stimulation Jobs										
<typ1> on <dtmstart>										
Min Top...	Max Bt...	R Treat...	P Treat...	P Treat...	Vol Clea...	Vol Clea...	Vol Slurr...	Vol Slurr...	Mass Pr...	Mass Pr...

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

COMMENTS
 Action 371215

COMMENTS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 371215
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

COMMENTS

Created By	Comment	Comment Date
plmartinez	No additional Sundry is needed -this is an approved BLM Sub. T/A Sundry.	8/27/2024

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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

CONDITIONS

Action 371215

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 371215
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Accepted for record only BLM approval required NMOCD 8/27/24	8/27/2024