

<b>Well Name:</b> WARREN UNIT	<b>Well Location:</b> T20S / R38E / SEC 27 / SWSE /	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 319	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC031695B	<b>Unit or CA Name:</b> WARREN UNIT - BLINEBRY-TU	<b>Unit or CA Number:</b> NMNM71052E
<b>US Well Number:</b> 300253795000C1	<b>Well Status:</b> Producing Oil Well	<b>Operator:</b> APACHE CORPORATION

### Subsequent Report

**Sundry ID:** 2761143

**Type of Submission:** Subsequent Report

**Type of Action:** Workover Operations

**Date Sundry Submitted:** 11/13/2023

**Time Sundry Submitted:** 08:32

**Date Operation Actually Began:** 10/07/2022

**Actual Procedure:** null

### SR Attachments

#### Actual Procedure

Job\_Chronology\_Warren\_Unit\_319\_11\_13\_23\_20231113083143.pdf

SUB\_TO\_PA\_PREP\_WARREN\_UNIT\_319\_\_11\_09\_2023\_20231113082216.pdf

Well Name: WARREN UNIT

Well Location: T20S / R38E / SEC 27 / SWSE /

County or Parish/State: LEA / NM

Well Number: 319

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC031695B

Unit or CA Name: WARREN UNIT - BLINEBRY-TU

Unit or CA Number: NMNM71052E

US Well Number: 300253795000C1

Well Status: Producing Oil Well

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: CARRIE KIRKLAND

Signed on: NOV 13, 2023 08:32 AM

Name: APACHE CORPORATION

Title: P&amp;A Technician

Street Address: 303 VETERANS AIRPARK LN

City: MIDLAND

State: TX

Phone: (432) 818-1103

Email address: CARRIE.KIRKLAND@APACHECORP.COM

**Field**

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

**BLM Point of Contact**

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Accepted

Disposition Date: 11/13/2023

Signature: Keith Immatty

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No. **NMLC031695B**

6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator **APACHE CORPORATION**3a. Address **303 VETERANS AIRPARK LANE SUITE 3000, M** 3b. Phone No. (include area code)  
**(432) 818-1000**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEC 27/T20S/R38E/NMP**7. If Unit of CA/Agreement, Name and/or No.  
**WARREN UNIT - BLINEBRY-TU/NMNM71052E**8. Well Name and No. **WARREN UNIT/319**9. API Well No. **3002537950**10. Field and Pool or Exploratory Area  
**WARREN/WARREN**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.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**CARRIE KIRKLAND / Ph: (432) 818-1103**

Title **P&A Technician**

Signature (Electronic Submission)

Date **11/13/2023**

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

**KEITH P IMMATTY / Ph: (575) 988-4722 / Accepted**

Title **ENGINEER**

Date **11/13/2023**

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: SWSE / 1410 FSL / 2630 FEL / TWSP: 20S / RANGE: 38E / SECTION: 27 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

BHL: SWSE / 1410 FSL / 2630 FEL / TWSP: 20S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )



## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

### Jobs

Job Cat LWO	AFE Number 33-22-0275	Start Date 10/7/2022	End Date 1/11/2023	Job Spud Date	TD Date	Target Depth (ftKB)	Total AFE (Cost) \$325,000	Supp Amt (Cost) \$183,000	AFE+Supp Amt (Cost) \$508,000
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### Operations Summary

Could Not Get all of Fish out Turn over to P/A

**Report #: 1 DFS: 5,731.77 Rig: Sendero 24**

Report End Date 10/8/2022 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2			
Day Total (Cost) \$10,350	Cum To Date (Cost) \$10,350	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,			

### 24 Hour Summary

TGSM 0 psi Move in and Set Rig Mat & Reverse Unit MIRU PU R/D Jack Head Load with 6 bbls pump into Tbg 2 BPM 100 psi L/D Polish Rod Jar on Pump & Rods to get Loose No Luck Pull up to 25000# over to shear the Shear Tool 1st FG Rod Parted @ surface Change over to Tbg Equipment N/D Wellhead Bolts Rusted up Bad TAC Sheared N/U BOP SWI Open down Flowline SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/7/2022	10/7/2022	7.00	7.00		WOD		
10/7/2022	10/7/2022	0.50	7.50		Safety Mtg		TGSM 0 psi Move in and Set Rig Mat & Reverse Unit
10/7/2022	10/7/2022	2.00	9.50		RU/RD		MIRU PU
10/7/2022	10/7/2022	1.00	10.50		RU/RD		R/D Jack Head Load with 6 bbls pump into Tbg 2 BPM 100 psi L/D Polish Rod
10/7/2022	10/7/2022	4.00	14.50		TRBSHOOT		Jar on Pump & Rods to get Loose No Luck Pull up to 25000# over to shear the Shear Tool 1st FG Rod Parted @ surface Change over to Tbg Equipment
10/7/2022	10/7/2022	3.00	17.50		NU/ND WH/XT		N/D Wellhead Bolts Rusted up Bad TAC Sheared N/U BOP
10/7/2022	10/7/2022	0.50	18.00		SWI		SWI Open down Flowline
10/7/2022	10/8/2022	6.00	24.00		SDFN		SDFN

**Report #: 2 DFS: 5,734.77 Rig: Sendero 24**

Report End Date 10/11/2022 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2			
Day Total (Cost) \$11,650	Cum To Date (Cost) \$22,000	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,			

### 24 Hour Summary

TGSM 0 psi on Csg 300 psi Tbg Took 4 minuts to bleed off to 0 psi Tbg Stuck Work Tbg Free Start Stripping Rods & Tbg out of Hole POOH with 55 jts Tbg 34 1.2 FG Rods Looks like Tbg Parted Rods are 700' from surface and not moving Ordered Fishing tool for FG rods & 1" rods from Eunice yard SWI Open to Flowline SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/10/2022	10/10/2022	7.00	7.00		WOD		
10/10/2022	10/10/2022	0.50	7.50		Safety Mtg		TGSM
10/10/2022	10/10/2022	0.25	7.75		Vent		0 psi on Csg 300 psi Tbg Took 4 minuts to bleed off to 0 psi
10/10/2022	10/10/2022	11.75	19.50		POOH		Tbg Stuck Work Tbg Free Start Stripping Rods & Tbg out of Hole POOH with 55 jts Tbg 34 1.2 FG Rods Looks like Tbg Parted Rods are 700' from surface and not moving Ordered Fishing tool for FG rods & 1" rods from Eunice yard
10/10/2022	10/10/2022	0.50	20.00		SWI		SWI Open to Flowline
10/10/2022	10/11/2022	4.00	24.00		SDFN		SDFN

**Report #: 3 DFS: 5,735.77 Rig: Sendero 24**

Report End Date 10/12/2022 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2			
Day Total (Cost) \$8,150	Cum To Date (Cost) \$30,150	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,			

### 24 Hour Summary

TGSM 0 psi RIH with 2" overshot & Barrel for 1.2 FG rods on 1" rods Tag fish @ 794' Latch on to Fish POOH L/D 3 rods dragging Rods stuck Started pulling Tbg up Back off rods POOH with all 1" rods and 1 sinker bar POOH with 20 jts Tbg L/D Barrels & Overshot 1.2 FG still struck in Tbg POOH L/D Tbg & cut FG rods off POOH with a Total of 99 jts 3200' P/U Tbg off slips Elevators Open Dropped Tbg Talked to Management Ordered Overshot & BHA with 2-7/8 L-80 Workstring SWI Left open to Flowline SDFN





## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/11/2022	10/11/2022	7.00	7.00		WOD		
10/11/2022	10/11/2022	0.50	7.50		Safety Mtg		TGSM 0 psi
10/11/2022	10/11/2022	5.00	12.50		RIHPOOH		RIH with 2" overshot & Barrel for 1.2 FG rods on 1" rods Tag fish @ 794' Latch on to Fish POOH L/D 3 rods dragging Rods stuck Started pulling Tbg up Back off rods
10/11/2022	10/11/2022	5.00	17.50		POOH		POOH with all 1" rods and 1 sinker bar POOH with 20 jts Tbg L/D Barrels & Overshot 1.2 FG still struck in Tbg POOH L/D Tbg & cut FG rods off POOH with a Total of 99 jts 3200'
10/11/2022	10/11/2022	1.00	18.50		FISHPLN		P/U Tbg off slips Elevators Open Dropped Tbg Talked to Management Ordered Overshot & BHA with 2-7/8 L-80 Workstring
10/11/2022	10/11/2022	0.50	19.00		SWI		SWI Left open to Flowline
10/11/2022	10/12/2022	5.00	24.00		SDFN		SDFN

**Report #: 4 DFS: 5,736.77 Rig: Sendero 24**

Report End Date 10/13/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2		
Day Total (Cost) \$17,550	Cum To Date (Cost) \$47,700	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,	

### 24 Hour Summary

TGSM P/U 3-1/2 Overshot, Bumper Sub, Jars, 6 3-1/2 Drill Collars & Accelerator RIH on 2-7/8 L-80 Workstring Tag Fish @ 1300' Latch on & Start Jarring on Fish Moved 6" Still Jarring SWI Left open to Flowline SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/12/2022	10/12/2022	7.00	7.00		WOD		
10/12/2022	10/12/2022	0.50	7.50		Safety Mtg		TGSM
10/12/2022	10/12/2022	12.00	19.50		Jarring		P/U 3-1/2 Overshot, Bumper Sub, Jars, 6 3-1/2 Drill Collars & Accelerator RIH on 2-7/8 L-80 Workstring Tag Fish @ 1300' Latch on Fish Start Jarring on Fish Moved 6" Still Jarring
10/12/2022	10/12/2022	0.50	20.00		SWI		SWI Left open to Flowline
10/12/2022	10/13/2022	4.00	24.00		SDFN		SDFN

**Report #: 5 DFS: 5,737.77 Rig: Sendero 24**

Report End Date 10/14/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2		
Day Total (Cost) \$16,050	Cum To Date (Cost) \$63,750	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,	

### 24 Hour Summary

TGSM 0 psi Start Jarring on Tbg Hitting @ 75000# with No Movement Talk to Management Spot 500 gals Acid down Csg Let fall for 30 minuts Jarring on Fish No Movement Pipe on Pipe to show up 7:00 am in the Morning SWI Left open to Flowline SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/13/2022	10/13/2022	7.00	7.00		WOD		
10/13/2022	10/13/2022	0.50	7.50		Safety Mtg		TGSM 0 psi
10/13/2022	10/13/2022	12.00	19.50		Jarring		Start Jarring on Tbg Hitting @ 75000# with No Movement Talk to Management Spot 500 gals Acid down Csg Let fall for 30 minuts Jarring on Fish No Movement Pipe on Pipe to show up 7:00 am in the Morning
10/13/2022	10/13/2022	0.50	20.00		SWI		SWI Left open to Flowline
10/13/2022	10/14/2022	4.00	24.00		SDFN		SDFN



## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

**Report #: 6 DFS: 5,738.77**

**Rig: Sendero 24**

Report End Date 10/15/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$12,550	Cum To Date (Cost) \$76,300	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,

**24 Hour Summary**

TGSM 0 psi Resume Jarring on Fish Pump 2-100 bbl pills of Pipe on Pipe Jarring on Fish Pump 2- 100 bbl of Pipe on Pipe Still Jarring on Fish No Movement  
Release Overshot POOH with BHA SWI Left open to Flowline SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/14/2022	10/14/2022	7.00	7.00		WOD		
10/14/2022	10/14/2022	0.50	7.50		Safety Mtg		TGSM 0 psi
10/14/2022	10/14/2022	9.00	16.50		Jarring		Resume Jarring on Fish Pump 2-100 bbl pills of Pipe on Pipe Jarring on Fish Pump 2- 100 bbl of Pipe on Pipe Still Jarring on Fish No Movement
10/14/2022	10/14/2022	2.00	18.50		POOH		Release Overshot POOH with BHA
10/14/2022	10/14/2022	0.50	19.00		SWI		SWI Left open to Flowline
10/14/2022	10/15/2022	5.00	24.00		SDFN		SDFN

**Report #: 7 DFS: 5,741.77**

**Rig: Sendero 24**

Report End Date 10/18/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$11,450	Cum To Date (Cost) \$87,750	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,

**24 Hour Summary**

TGSM 0 psi P/U Full Open Overshot RIH Latch on to Fish P/U FG rod Overshot Latch on to rods Start Jarring on 1.2 FG rods Pulling 40000# over No Movement  
SWI Left open to Flowline SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/17/2022	10/17/2022	7.00	7.00		WOD		
10/17/2022	10/17/2022	0.50	7.50		Safety Mtg		TGSM 0 psi
10/17/2022	10/17/2022	2.00	9.50		RIH		P/U Full Open Overshot RIH Latch on to Fish
10/17/2022	10/17/2022	10.00	19.50		RIH		P/U FG rod Overshot Latch on to rods Start Jarring on 1.2 FG rods Pulling 40000# over No Movement
10/17/2022	10/17/2022	0.50	20.00		SWI		SWI Left open to Flowline
10/17/2022	10/18/2022	4.00	24.00		SDFN		SDFN

**Report #: 8 DFS: 5,742.77**

**Rig: Sendero 24**

Report End Date 10/19/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$15,450	Cum To Date (Cost) \$103,200	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,

**24 Hour Summary**

TGSM 0 psi Pump 70 bbls Hot water down tbg Start Jarring on rods No Movement Pulled up to 58000# Parted POOH X-over above Overshot Parted Talked with Management RIH with Rods Tag top of fish @ 1306' First Rod Coupling 22' down 1328' in First Jt POOH L/D 1" rods SWI Left open to Flowline SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/18/2022	10/18/2022	7.00	7.00		WOD		
10/18/2022	10/18/2022	0.50	7.50		Safety Mtg		TGSM 0 psi
10/18/2022	10/18/2022	2.00	9.50		HOT		Pump 70 bbls Hot water down tbg
10/18/2022	10/18/2022	4.00	13.50		Jarring		Start Jarring on rods No Movement Pulled up to 58000# Parted
10/18/2022	10/18/2022	6.00	19.50		POOH		POOH X-over above Overshot Parted Talked with Management RIH with Rods Tag top of fish @ 1306' First Rod Coupling 22' down 1328' in First Jt POOH L/D 1" rods
10/18/2022	10/18/2022	0.50	20.00		SWI		SWI Left open to Flowline
10/18/2022	10/19/2022	4.00	24.00		SDFN		SDFN





## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

**Report #: 9 DFS: 5,743.77**

**Rig: Sendero 24**

Report End Date 10/20/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$11,450	Cum To Date (Cost) \$114,650	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,

**24 Hour Summary**

TGSM 0 psi Release Overshot POOH L/D 2-7/8 Workstring & Overshot RIH with 6 3-1/2 Drill Collars POOH L/D Collars RIH with 40 jts 2-7/8 Production POOH L/D Production tbg RIH with 36 jts Production tbg POOH L/D Production tbg N/D BOP N/U Wellhead Open well down Flowline RDMO PU SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
10/19/2022	10/19/2022	7.00	7.00		WOD		
10/19/2022	10/19/2022	0.50	7.50		Safety Mtg		TGSM 0 psi
10/19/2022	10/19/2022	3.50	11.00		POOH		Release Overshot POOH L/D 2-7/8 Workstring & Overshot RIH with 6 3-1/2 Drill Collars POOH L/D Collars
10/19/2022	10/19/2022	5.00	16.00		RIHPOOH		RIH with 40 jts 2-7/8 Production POOH L/D Production tbg RIH with 36 jts Production tbg POOH L/D Production tbg
10/19/2022	10/19/2022	2.00	18.00		RIHPOOH		N/D BOP N/U Wellhead Open well down Flowline
10/19/2022	10/19/2022	2.00	20.00		RU/RD		RDMO PU
10/19/2022	10/20/2022	4.00	24.00		SDFN		SDFN

**Report #: 10 DFS: 5,783.77**

**Rig: Sendero 24**

Report End Date 11/29/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$9,550	Cum To Date (Cost) \$124,200	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua,

**24 Hour Summary**

TGSM MIRU PU N/D Well Head N/U BOP Change of Plans N/D BOP N/U Well Head SWI LOTF RDMO PU SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
11/28/2022	11/28/2022	7.00	7.00		WOD		
11/28/2022	11/28/2022	0.50	7.50		Safety Mtg		TGSM
11/28/2022	11/28/2022	4.00	11.50		RU/RD		MIRU PU
11/28/2022	11/28/2022	3.00	14.50		NU/ND WH/XT		N/D Well Head N/U BOP
11/28/2022	11/28/2022	3.00	17.50		NU/ND WH/XT		Change of Plans N/D BOP N/U Well Head
11/28/2022	11/28/2022	0.50	18.00		SWI		SWI LOTF
11/28/2022	11/28/2022	3.00	21.00		RU/RD		RDMO PU
11/28/2022	11/29/2022	3.00	24.00		SDFN		SDFN

**Report #: 11 DFS: 5,797.77**

**Rig: Sendero 24**

Report End Date 12/13/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$13,450	Cum To Date (Cost) \$137,650	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,

**24 Hour Summary**

TGSM MIRU PU Rack 2-7/8 PH-6 P-110 Workstring N/D Well Head N/U BOP Run Test on 2-7/8 Rams to 1000 psi Good RIH with BHA 4-11/16 Overshot with 3.668 Graphel, Bumper Sub, Jars,6 -3-1/2 Drill Collars, Accelerator on 2-7/8 PH-6 workstring Latch on to Fish @ 1306' Pump Injection Rate 4 BPM @ Vacuum Pumped 80 bbls SWI LOTF SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/12/2022	12/12/2022	7.00	7.00		WOD		
12/12/2022	12/12/2022	0.50	7.50		Safety Mtg		TGSM
12/12/2022	12/12/2022	3.00	10.50		RU/RD		MIRU PU Rack 2-7/8 PH-6 P-110 Workstring
12/12/2022	12/12/2022	3.00	13.50		NU/ND WH/XT		N/D Well Head N/U BOP Run Test on 2-7/8 Rams to 1000 psi Good
12/12/2022	12/12/2022	5.00	18.50		RIH		RIH with BHA 4-11/16 Overshot with 3.668 Graphel, Bumper Sub, Jars,6 -3-1/2 Drill Collars, Accelerator on 2-7/8 PH-6 workstring Latch on to Fish @ 1306' Pump Injection Rate 4 BPM @ Vacuum Pumped 80 bbls



## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/12/2022	12/12/2022	0.50	19.00		SWI		SWI LOTF
12/12/2022	12/13/2022	5.00	24.00		SDFN		SDFN

**Report #: 12 DFS: 5,798.77**

**Rig: Sendero 24**

Report End Date 12/14/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2		
Day Total (Cost) \$23,250	Cum To Date (Cost) \$160,900	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

### 24 Hour Summary

TGSM Pump 2000 gals Acid Flush with 10 bbls water Vacuum Mix & Pump 50 gals Pipe on Pipe with 60 bbls water Start Jarring on Fish Hitting it @ 60K over for 5 hrs No Movement Jars getting hot Having to stop and Let Cool Down SWI LOTF SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/13/2022	12/13/2022	7.00	7.00		WOD		
12/13/2022	12/13/2022	0.50	7.50		Safety Mtg		TGSM
12/13/2022	12/13/2022	5.00	12.50		FISHPLN		Pump 2000 gals Acid Flush with 10 bbls water Vacuum Mix & Pump 50 gals Pipe on Pipe with 60 bbls water Hot water @ 250*
12/13/2022	12/13/2022	7.00	19.50		Jarring		Start Jarring on Fish Hitting it @ 60K over for 5 hrs No Movement Jars getting hot Having to stop and Let Cool Down
12/13/2022	12/13/2022	0.50	20.00		SWI		SWI LOTF
12/13/2022	12/14/2022	4.00	24.00		SDFN		SDFN

**Report #: 13 DFS: 5,799.77**

**Rig: Sendero 24**

Report End Date 12/15/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2		
Day Total (Cost) \$14,050	Cum To Date (Cost) \$174,950	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

### 24 Hour Summary

TGSM Release Overshot off Fish POOH Change out Jars RIH Latch on to Fish @ 1306' Resume Jarring on Fish Hitting @ 60K over No Movement SWI LOTF SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/14/2022	12/14/2022	7.00	7.00		WOD		
12/14/2022	12/14/2022	0.50	7.50		Safety Mtg		TGSM
12/14/2022	12/14/2022	3.00	10.50		POOH		Release Overshot off Fish POOH Change out Jars
12/14/2022	12/14/2022	9.00	19.50		RIH		RIH Latch on to Fish @ 1306' Resume Jarring on Fish Hitting @ 60K over No Movement
12/14/2022	12/14/2022	0.50	20.00		SWI		SWI LOTF
12/14/2022	12/15/2022	4.00	24.00		SDFN		SDFN

**Report #: 14 DFS: 5,800.77**

**Rig: Sendero 24**

Report End Date 12/16/2022 00:00	Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2		
Day Total (Cost) \$26,350	Cum To Date (Cost) \$201,300	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

### 24 Hour Summary

TGSM Release Overshot POOH L/D Jars, Bumper Sub, Accelerator, & Drill Collars RIH with Overshot Latch on to Fish @ 1306' R/U Vibration Technology Start Vibrating Fish @ 70k Come Loose POOH with 191' of Tbg Hung up @ 1115' with Top of Fish R/U VU Start @ 70k Jump Free Bouncing around 34k with 6k to 20k Drag R/D VT POOH L/D workstring & Overshot Fish hanging in Slips SWI LOTF SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/15/2022	12/15/2022	7.00	7.00		WOD		
12/15/2022	12/15/2022	0.50	7.50		Safety Mtg		TGSM



## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/15/2022	12/15/2022	3.00	10.50		RIHPOOH		Release Overshot POOH L/D Jars, Bumper Sub, Accelerator, & Drill Collars RIH with Overshot Latch on to Fish @ 1306'
12/15/2022	12/15/2022	8.00	18.50		FISHPLN		R/U Vibration Technology Start Vibrating Fish @ 70k Come Loose POOH with 191' of Tbg Hung up @ 1115' with Top of Fish R/U VU Start @ 70k Jump Free Bouncing around 34k with 6k to 20k Drag R/D VT
12/15/2022	12/15/2022	3.00	21.50		POOH		POOH L/D workstring & Overshot Fish hanging in Slips
12/15/2022	12/15/2022	0.50	22.00		SWI		SWI LOTF
12/15/2022	12/16/2022	2.00	24.00		SDFN		SDFN

**Report #: 15 DFS: 5,801.77**

**Rig: Sendero 24**

Report End Date 12/17/2022 00:00		Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$17,250	Cum To Date (Cost) \$218,550	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

### 24 Hour Summary

TGSM POOH Found 1.2 FG Rods in First jt L/D 2 rods Parted L/D 88 jts Found FG rods L/D 91 jts Total 1.2 FG rods Inside & outside Tbg L/D 9 rods from outside tbg L/D 101 jts Total Tbg Parted @ Pin L/D 26 1.2 FG rods after last jt pulled L/D 44 1.2 FG Rods Total If Jt & Rod count is right we left 17 Jts & 19 1.2 FG plus all steel rods in hole SWI LOTF SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/16/2022	12/16/2022	7.00	7.00		WOD		
12/16/2022	12/16/2022	0.50	7.50		Safety Mtg		TGSM
12/16/2022	12/16/2022	13.00	20.50		POOH		POOH Found 1.2 FG Rods in First jt L/D 2 rods Parted L/D 88 jts Found FG rods L/D 91 jts Total 1.2 FG rods Inside & outside Tbg L/D 9 rods from outside tbg L/D 101 jts Total Tbg Parted @ Pin L/D 26 1.2 FG rods after last jt pulled L/D 44 1.2 FG Rods Total If Jt & Rod count is right we left 17 Jts & 19 1.2 FG plus all steel rods in hole
12/16/2022	12/16/2022	0.50	21.00		SWI		SWI LOTF
12/16/2022	12/17/2022	3.00	24.00		SDFN		SDFN

**Report #: 16 DFS: 5,804.77**

**Rig: Sendero 24**

Report End Date 12/20/2022 00:00		Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$14,675	Cum To Date (Cost) \$233,225	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

### 24 Hour Summary

WAIT ON EQUIPMENT FOR 4 HOURS / PICK SCREW GRAB /PICK UP 2 7/8 PH-6 WORK STRING

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/19/2022	12/19/2022	7.00	7.00		WOD		WOD
12/19/2022	12/19/2022	0.50	7.50		PRESAFE		PRESAFE
12/19/2022	12/19/2022	4.50	12.00		WOE		START RIG & FOUND ANTIFREEZ BLOWING OUT OF RAIDATOR / WAIT ON RAIDATOR CAP
12/19/2022	12/19/2022	2.00	14.00		WOE		WAIT ON MECHENIC TO REPAIR BROKEN BOLT ON TRAVLING BLOCKS
12/19/2022	12/19/2022	4.00	18.00		PU/LD		MAKE SCREW GRAB / PICK UP 2 7/PH-6 WORK STRING / TAG TOP OF FISH @ 4280' WITH 138 JOINTS / LAY DOWN ONE JOINT / SECURE WELL
12/19/2022	12/20/2022	6.00	24.00		SDFN		SDFN



## Job Chronology

Well Name: **WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

**Report #: 17 DFS: 5,805.77**

**Rig: Sendero 24**

Report End Date 12/21/2022 00:00		Current Status			Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$13,750	Cum To Date (Cost) \$246,975	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,

**24 Hour Summary**

TGSM RIH Tag @ 4280' P/U Swivel Work our way down to 4313' Stalled out swivel P/U on Tbg pulling 6k over L/D swivel POOH Slowly Had 18' of FG rod, should have about 1' of FG above coupling on rod looking up RIH with Keylo-Socket Tag @ 4320' went down to 4365' Take weight P/U did not gain any weight L/D 1 jt SWI LOTF SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/20/2022	12/20/2022	7.00	7.00		WOD		
12/20/2022	12/20/2022	0.50	7.50		Safety Mtg		TGSM
12/20/2022	12/20/2022	8.00	15.50		RIHPOOH		RIH Tag @ 4280' P/U Swivel Work our way down to 4313' Stalled out swivel P/U on Tbg pulling 6k over L/D swivel POOH Slowly Had 18' of FG rod, should have about 1' of FG above coupling on rod looking up
12/20/2022	12/20/2022	5.00	20.50		RIH		RIH with Keylo-Socket Tag @ 4320' went down to 4365' Take weight P/U did not gain any weight L/D 1 jt
12/20/2022	12/20/2022	0.50	21.00		SWI		SWI LOTF
12/20/2022	12/21/2022	3.00	24.00		SDFN		SDFN

**Report #: 18 DFS: 5,806.77**

**Rig: Sendero 24**

Report End Date 12/22/2022 00:00		Current Status			Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$46,350	Cum To Date (Cost) \$293,325	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,

**24 Hour Summary**

TGSM POOH L/D Keylo-Socket with 5' of FG plugged Talked with Management RIH with PKR Set @ 4010' Load & Test Annular to 500 psi Good InjectionRate down Tbg 1/4 BPM @ 1500 psi Took 30 bbls to load Pumped 15 bbls getting worse 1/8 BPM @ 1500 psi SWI LOTF SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/21/2022	12/21/2022	7.00	7.00		WOD		
12/21/2022	12/21/2022	0.50	7.50		Safety Mtg		TGSM
12/21/2022	12/21/2022	6.00	13.50		POOH		POOH L/D Keylo-Socket with 5' of FG plugged Talked with Management
12/21/2022	12/21/2022	6.00	19.50		RIH		RIH with PKR Set @ 4010' Load & Test Annular to 500 psi Good InjectionRate down Tbg 1/4 BPM @ 1500 psi Took 30 bbls to load Pumped 15 bbls getting worse 1/8 BPM @ 1500 psi
12/21/2022	12/21/2022	0.50	20.00		SWI		SWI LOTF
12/21/2022	12/22/2022	4.00	24.00		SDFN		SDFN

**Report #: 19 DFS: 5,807.77**

**Rig: Sendero 24**

Report End Date 12/23/2022 00:00		Current Status			Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$8,950	Cum To Date (Cost) \$302,275	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,

**24 Hour Summary**

TGSM Release PKR POOH L/D PH-6 P-110 Workstring & PKR Moved out P-110 Workstring Moved in L-80 Workstring SWI LOTF Shut down Due to Weather SDFN

**Time Log**

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/22/2022	12/22/2022	7.00	7.00		WOD		
12/22/2022	12/22/2022	0.50	7.50		Safety Mtg		TGSM
12/22/2022	12/22/2022	7.00	14.50		POOH		Release PKR POOH L/D PH-6 P-110 Workstring & PKR Moved out P-110 Workstring Moved in L-80 Workstring





## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

Time Log							
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/22/2022	12/22/2022	0.50	15.00		SWI		SWI LOTF
12/22/2022	12/22/2022	2.00	17.00		WOW		Shut down Due to Weather
12/22/2022	12/23/2022	7.00	24.00		SDFN		SDFN

<b>Report #: 20 DFS: 5,808.77</b>		<b>Rig: Sendero 24</b>					
Report End Date 12/24/2022 00:00		Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$4,450	Cum To Date (Cost) \$306,725	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

24 Hour Summary  
Standby

Time Log							
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
12/23/2022	12/23/2022	7.00	7.00		WOD		
12/23/2022	12/23/2022	8.00	15.00		WOW		Standby
12/23/2022	12/24/2022	9.00	24.00		SDFN		SDFN

<b>Report #: 21 DFS: 5,819.77</b>		<b>Rig: Sendero 24</b>					
Report End Date 1/4/2023 00:00		Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$21,650	Cum To Date (Cost) \$328,375	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

24 Hour Summary  
TGSM P/U RIH with 4-3/4 shoe with Diamonds cut in, 6 jts Wash Pipe, 2 3-1/2 Drill Collars Jars, 4 Drill Collars, Accelerator on 2-7/8 L-80 Work String Tag @ 4365' R/U Swivel Milled to 4403' Fell out Circulate Clean Getting back FG & Scale Circulate for 1 hr SWI SDFN

Time Log							
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/3/2023	1/3/2023	6.00	6.00		WOD		
1/3/2023	1/3/2023	0.50	6.50		Safety Mtg		TGSM
1/3/2023	1/3/2023	6.00	12.50		RIH		P/U RIH with 4-3/4 shoe with Diamonds cut in, 6 jts Wash Pipe, 2 3-1/2 Drill Collars Jars, 4 Drill Collars, Accelerator on 2-7/8 L-80 Work String Tag @ 4365'
1/3/2023	1/3/2023	7.00	19.50		Milling		R/U Swivel Milled to 4403' Fell out Circulate Clean Getting back FG & Scale Circulate for 1 hr
1/3/2023	1/3/2023	0.50	20.00		SWI		SWI
1/3/2023	1/4/2023	4.00	24.00		SDFN		SDFN

<b>Report #: 22 DFS: 5,820.77</b>		<b>Rig: Sendero 24</b>					
Report End Date 1/5/2023 00:00		Current Status				Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$15,750	Cum To Date (Cost) \$344,125	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

24 Hour Summary  
TGSM RIH P/U Swivel Tag @ 4403' Broke Circulation Milled to 4405' Getting back FG & Scale Lost Circulation Could Not get it back L/D Swivel POOH L/D Shoe Clean Talked with Management Will R/U Air Unit In The Morning P/U Shoe RIH with BHA to 4200' SWI SDFN

Time Log							
Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/4/2023	1/4/2023	6.00	6.00		WOD		
1/4/2023	1/4/2023	0.50	6.50		Safety Mtg		TGSM
1/4/2023	1/4/2023	6.00	12.50		Milling		RIH P/U Swivel Tag @ 4403' Broke Circulation Milled to 4405' Getting back FG & Scale Lost Circulation Could Not get it back
1/4/2023	1/4/2023	3.00	15.50		POOH		L/D Swivel POOH L/D Shoe Clean Talked with Management Will R/U Air Unit In The Morning



## Job Chronology

Well Name: **WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/4/2023	1/4/2023	3.00	18.50		RIH		P/U Shoe RIH with BHA to 4200'
1/4/2023	1/4/2023	0.50	19.00		SWI		SWI
1/4/2023	1/5/2023	5.00	24.00		SDFN		SDFN

**Report #: 23 DFS: 5,821.77 Rig: Sendero 24**

Report End Date 1/6/2023 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$21,700	Cum To Date (Cost) \$365,825	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

24 Hour Summary  
TGSM RIH to 4403' R/U Swivel R/U Air Unit R/U Blow Down Pit Break Circulation Tag @ 4405' Milled to 4475' Hard Milling at the end Circulate clean getting returns of FG L/D Swivel PUH to 4370' SWI SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/5/2023	1/5/2023	6.00	6.00		WOD		
1/5/2023	1/5/2023	0.50	6.50		Safety Mtg		TGSM
1/5/2023	1/5/2023	3.00	9.50		RIH		RIH to 4403' R/U Swivel R/U Air Unit R/U Blow Down Pit Break Circulation Tag @ 4405'
1/5/2023	1/5/2023	8.00	17.50		Milling		Milled to 4475' Hard Milling at the end Circulate clean getting returns of FG L/D Swivel
1/5/2023	1/5/2023	1.00	18.50		POOH		PUH to 4370'
1/5/2023	1/5/2023	0.50	19.00		SWI		SWI
1/5/2023	1/6/2023	5.00	24.00		SDFN		SDFN

**Report #: 24 DFS: 5,822.77 Rig: Sendero 24**

Report End Date 1/7/2023 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$22,400	Cum To Date (Cost) \$388,225	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

24 Hour Summary  
TGSM RIH R/U Swivel Break Circulation Tag @ 4475' Milled to 4477' Hard Milling P/U Circulate Clean L/D Swivel Set Down on Bottom Hard to Jam Rods in Shoe POOH L/D Shoe with 4 - 1.2 Couplings Stuck in Shoe P/U New 4-1/2 Shoe RIH with BHA on 2-7/8 Work String to 4300' SWI SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/6/2023	1/6/2023	6.00	6.00		WOD		
1/6/2023	1/6/2023	0.50	6.50		Safety Mtg		TGSM
1/6/2023	1/6/2023	4.00	10.50		Milling		RIH R/U Swivel Break Circulation Tag @ 4475' Milled to 4477' Hard Milling P/U Circulate Clean L/D Swivel Set Down on Bottom Hard to Jam Rods in Shoe
1/6/2023	1/6/2023	8.00	18.50		RIHPOOH		POOH L/D Shoe with 4 - 1.2 Couplings Stuck in Shoe P/U New 4-1/2 Shoe RIH with BHA on 2-7/8 Work String to 4300'
1/6/2023	1/6/2023	0.50	19.00		SWI		SWI
1/6/2023	1/7/2023	5.00	24.00		SDFN		SDFN

**Report #: 25 DFS: 5,825.77 Rig: Sendero 24**

Report End Date 1/10/2023 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$25,500	Cum To Date (Cost) \$413,725	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

24 Hour Summary  
TGSM RIH R/U swivel Break Circulation Tag @ 4476' Milled to 4483' Tag Hard Spot Probably Couplings Milled to 4485' Not Making any hole Circulate Clean L/D Swivel POOH L/D Shoe Wore Out Nothing in it P/U New Shoe RIH with BHA on Workstring 20 Jts SWI SDFN





## Job Chronology

**Well Name: WARREN UNIT 319**

API/Surface Loc 3002537950	Surface Legal Location SEC 27, T20S, R38E	Field Name WARREN	State/Province New Mexico	Well Purpose New Dev
Original KB Elevation (ft) 3,550.0	Ground Elevation (ft) 3,538.0	KB-Ground Distance (ft) 12.0	Spud Date 1/28/2007 05:30	

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/9/2023	1/9/2023	6.00	6.00		WOD		
1/9/2023	1/9/2023	0.50	6.50		Safety Mtg		TGSM
1/9/2023	1/9/2023	7.00	13.50		Milling		RIH R/U swivel Break Circulation Tag @ 4476' Milled to 4483' Tag Hard Spot Probably Couplings Milled to 4485' Not Making any hole Circulate Clean L/D Swivel
1/9/2023	1/9/2023	5.00	18.50		RIHPOOH		POOH L/D Shoe Wore Out Nothing in it P/U New Shoe RIH with BHA on Workstring 20 Jts
1/9/2023	1/9/2023	0.50	19.00		SWI		SWI
1/9/2023	1/10/2023	5.00	24.00		SDFN		SDFN

**Report #: 26 DFS: 5,826.77**

**Rig: Sendero 24**

Report End Date 1/11/2023 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$16,750	Cum To Date (Cost) \$430,475	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

#### 24 Hour Summary

TGSM Waiting on Asset Manager & Production Engineer for Orders Decided to Plug POOH L/D BHA RIH with Work String POOH L/D 60 Jts workstring SWI SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/10/2023	1/10/2023	6.00	6.00		WOD		
1/10/2023	1/10/2023	0.50	6.50		Safety Mtg		TGSM
1/10/2023	1/10/2023	5.00	11.50		WOO		Waiting on Asset Manager & Production Engineer for Orders Decided to Plug
1/10/2023	1/10/2023	7.00	18.50		RIHPOOH		POOH L/D BHA RIH with Work String POOH L/D 60 Jts workstring
1/10/2023	1/10/2023	0.50	19.00		SWI		SWI
1/10/2023	1/11/2023	5.00	24.00		SDFN		SDFN

**Report #: 27 DFS: 5,827.77**

**Rig: Sendero 24**

Report End Date 1/12/2023 00:00	Current Status					Last Casing String Production, 7,213.70ftKB, 5 1/2	
Day Total (Cost) \$14,050	Cum To Date (Cost) \$444,525	Start Depth (ftKB) 0	End Depth (ftKB) 0	Drill Hrs (hr)	Avg ROP (ft/hr)	Daily Contacts Engineer Production II, Aaron Murray, ; Engineer, Hector Cantu, ; Workover Superintendent, Rey Ramos, 432-557-4509; Site Supervisor, Noe Valencia, ; Site Supervisor, Raymond Fuqua, ; Engineer, Radu Popoviciu,	

#### 24 Hour Summary

TGSM POOH L/D 65 Jts workstring R/U W/L Run Gauge Ring to 4455' P/U CIBP RIH Set @ 4450' R/D W/L N/D BOP N/U Well Head RDMO PU SWI SDFN

### Time Log

Start Date	End Date	Dur (hr)	Cum Dur (hr)	Code 1	Time Code	Unschd Type	Operation Details
1/11/2023	1/11/2023	6.00	6.00		WOD		
1/11/2023	1/11/2023	0.50	6.50		Safety Mtg		TGSM
1/11/2023	1/11/2023	2.00	8.50		POOH		POOH L/D 65 Jts workstring
1/11/2023	1/11/2023	2.00	10.50		PLUGA		R/U W/L Run Gauge Ring to 4455' P/U CIBP RIH Set @ 4450' R/D W/L
1/11/2023	1/11/2023	2.00	12.50		NU/ND WH/XT		N/D BOP N/U Well Head
1/11/2023	1/11/2023	1.00	13.50		RU/RD		RDMO PU
1/11/2023	1/11/2023	0.50	14.00		SWI		SWI
1/11/2023	1/12/2023	10.00	24.00		SDFN		SDFN

Form 3160-5  
(March 2012)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OM B No. 1004-0137  
Expires: October 31, 2014**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 reverse side.**

1. Type of Well		5. Lease Serial No.
<input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		<b>NMLC031695B</b>
2. Name of Operator		6. If Indian, Allottee or Tribe Name
<b>Apache Corporation</b>		
3a. Address	3b. Phone No. (include area code)	7. If Unit of CA / Agreement, Name and/or No.
<b>303 Veterans Airpark Ln, Midland, Tx 79705</b>	<b>432-556-9143</b>	
4. Location of (Footage, Sec., T., R., or Survey Description)		8. Well Name and No.
<b>UL J, 1410' FSL &amp; 2630' FEL, SEC 27, 20S, 38E</b>		<b>WARREN UNIT #319</b>
		9. API Well No.
		<b>30-025-37950</b>
		10. Field and Pool, or Exploratory Area
		<b>WARREN; BLINEBRY-TUBB-DRINKARD</b>
		11. County or Parish, State
		<b>LEA, NM</b>

**12. CHECK 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"/> Fracture Treat	<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	

**PREP TO P&A  
WO FAILED**

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 recomplate 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 the BLM / BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**SHUT IN WELL & PREP TO P&A****1. 10-7-22 MIRU SR BEGAN POOH WITH PROD EQUIP.****2. 10-8-22 - 1-11-22 SEE DETAILED WO REPORT FOR WO PROBLEMS INCLUDING TEAM  
CHAT WITH PICTURES AND WORK PERFORMED.****NOTE: 1-10-22 GUINN BURKS CALLED JIM AMOS TO EXPLAIN SITUATION, JIM AUTHORIZED  
TO SET A CIBP HIGH @ 4450' W/ NO CMT IN PREP FOR P&A****1-11-23 RDMO SERVICE RIG. TURNED OVER TO P&A DEPARTMENT**

14. I hereby certify that the following is true and correct	
Name	<b>Guinn Burks</b>
Signature	<i>Guinn Burks</i>
Title	<b>P&amp;A MANAGER, USON</b>
Date	<b>11/9/23</b>

**THIS 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.

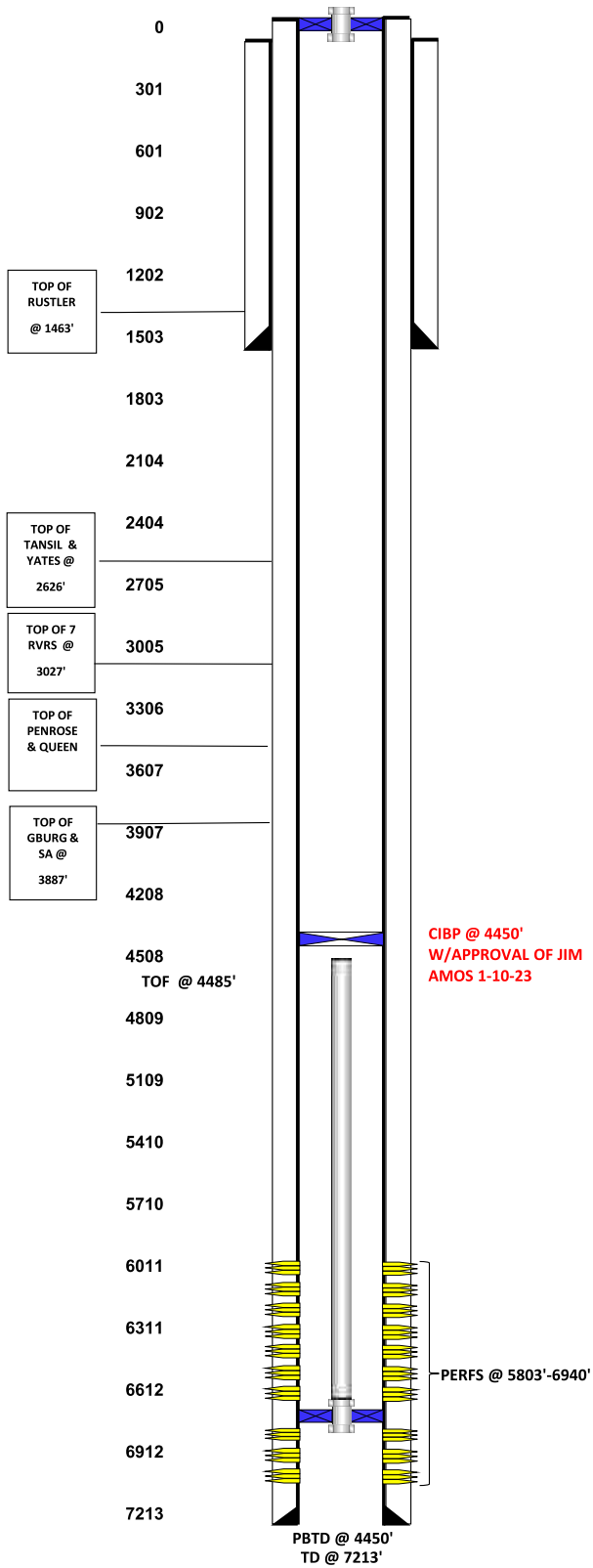
(Instructions on page 2)



LEASE NAME	WARREN UNIT
WELL #	319
API #	30-025-37950
COUNTY	LEA

## WELLBORE AFTER WO

12 1/4" HOLE  
8 5/8" 24# @1520'  
W/780 SX CMT TO SURF



7 7/8" HOLE  
5 1/2" 17# @ 7213'  
W/ 1560 SX CMT TO SURF

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 286403

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 286403
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
gcordero	The C-103R SR was not approved or rejected; however, the work requested in the C-103R SR was performed and completed without NMOCD approval. This action is currently under review from our legal department.	11/16/2023