U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report
08/28/2023

Well Name: JAMES RANCH 3	**Well Location:** T23S / R30E / SEC 1 / NWSE /	**County or Parish/State:** EDDY / NM
Well Number: 3	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM02884B	**Unit or CA Name:** JAMES RANCH-ATOKA	**Unit or CA Number:** NMNM70965A
US Well Number: 3001520232	**Well Status:** Producing Gas Well	**Operator:** XTO PERMIAN OPERATING LLC

Accepted for record –NMOCD gc9/12/2023

Notice of Intent

Sundry ID: 2744502

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/03/2023

Time Sundry Submitted: 07:01

Date proposed operation will begin: 09/03/2023

Procedure Description: 1) RIH w/ 2-7/8" work string and unset RBP at 7472' and POOH 2-7/8" tbg and RBP. 2) Resume Fishing Operations and recover 1-1/2" velocity string and 2-7/8" tubing from 7,539' to 13,000'. 3) MIRU WLU, RIH GR to 12,720'; RIH set CIBP at 12,700'; pressure test to 500 PSI for 30 minutes; spot 25 SKS Class H cement from 12,700' to 12,478'. WOC and tag to verify TOC. (T/Perf) 4) Spot 25 SKS Class H cement in 5-1/2" casing from 12,087' to 11,865'. WOC and tag to verify TOC. (Intermediate Casing Shoe 2) 5) Spot 40 SKS Class H cement in 7-5/8" casing from 11,068' to 10,918'. (T/Wolfcamp) 6) Spot 40 SKS Class H cement in 7-5/8" casing from 8,500' to 8,350'. (3000' Requirement) 7) Spot 40 SKS Class H cement in 7-5/8" casing from 7,724 to 7,505'. (T/Bone Spring) 8) Spot 30 SKS Class C cement in 7-5/8" casing from 6,636' to 6,486'. WOC and tag to verify TOC. (DV Tool) 9) Spot 70 SKS Class C cement in 7-5/8" casing from 3,946' to 3,590'. WOC and tag to verify TOC. (T/Delaware, Intermediate casing Shoe 1) 10) MIRU WLU and casing crew, cut the 7-5/8" at 3590' and pull that 7-5/8" casing. 11) Run a CBL from 3,590' to surface. 12) Spot 680 SKS class C cement in 10-3/4" casing from 3590' to 2000' (TOC according to CBL). 13) Perf the 10-3/4" casing at 2000' (TOC according to CBL) and at 1010'. 14) Set packer at above bottom perf (based on CBL, about 1980') and establish circulation. Unset packer and TOOH. 15) Set Cement retainer above bottom perf (based on CBL) and squeeze 175 SKS of class C cement, annulus volume of 10-3/4"x 12-1/4" annulus (.1881ft3/ft) plus 20% excess. 16) Sting off retainer and circulate 1.5x casing volume to surface and TOOH. 17) Tag top of CICR. 18) Run CBL from CICR, say at 1980' to 1000'. Verify good cement behind 10-3/4" casing. 19) Spot class C cement from CICR, say at 1980' to 375'. WOC and tag. (~700 SKS) (Surface Casing Shoe, T/Salt, B/Salt) 20) Spot class C cement from 100' to surface. (~8 SKS) 21) ND BOP. RDMO PU, transport trucks, and pump truck.

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US Well Number: 3001520232	**Well Status:** Producing Gas Well	**Operator:** XTO PERMIAN OPERATING LLC

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

JRU_003_Proposed_WBD_20230803190033.pdf

JRU_003_DHWP_8.3.23_20230803185805.pdf

Conditions of Approval

Specialist Review

JAMES_RANCH_3_3___2744502___COA_AND_PROCEDURE_20230826141302.pdf

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: AMANDA THAMES

Signed on: AUG 03, 2023 07:01 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX

Phone: (432) 221-7340

Email address: AMANDA.THAMES@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

Well Name: JAMES RANCH 3	**Well Location:** T23S / R30E / SEC 1 / NWSE /	**County or Parish/State:** EDDY / NM
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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: Approved

Disposition Date: 08/26/2023

Signature: KEITH IMMATTY

1) RIH w/ 2-7/8" work string and unset RBP at 7472' and POOH 2-7/8" tbg and RBP.

2) Resume Fishing Operations and recover 1-1/2" velocity string and 2-7/8" tubing from 7,539' to 13,000'.

3) MIRU WLU, RIH GR to 12,720'; RIH set CIBP at 12,700'; pressure test to 500 PSI for 30 minutes; spot 25 SKS Class H cement from 12,700' to 12,478'. WOC and tag to verify TOC. (T/Perf)

4) Spot 25 SKS Class H cement in 5-1/2" casing from 12,087' to 11,865'. WOC and tag to verify TOC. (Intermediate Casing Shoe 2)

5) Spot 40 SKS Class H cement in 7-5/8" casing from 11,068' to 10,918'. (T/Wolfcamp)

6) Spot 40 SKS Class H cement in 7-5/8" casing from 8,500' to 8,350'. (3000' Requirement)

7) Spot 40 SKS Class H cement in 7-5/8" casing from 7,724 to 7,505'. (T/Bone Spring)

8) Spot 3**5** SKS Class C cement in 7-5/8" casing from 6,636' to 6,486'. WOC and tag to verify TOC. (DV Tool)

9) Spot 70 SKS Class C cement in 7-5/8" casing from 3,946' to 3,590'. WOC and tag to verify TOC. (T/Delaware, Intermediate casing Shoe 1)

10) MIRU WLU and casing crew, cut the 7-5/8" at 3590' and pull that 7-5/8" casing.

11) Run a CBL from 3,590' to surface.

12) Spot 680 SKS class C cement in 10-3/4" casing from 3590' to 2000' (TOC according to CBL).

13) Perf the 10-3/4" casing at 2000' (TOC according to CBL) and at 1010'.

14) Set packer at above bottom perf (based on CBL, about 1980') and establish circulation. Unset packer and TOOH.

15) Set Cement retainer above bottom perf (based on CBL) and squeeze 175 SKS of class C cement, annulus volume of 10-3/4"x 12-1/4" annulus (.1881ft3/ft) plus 20% excess.

16) Sting off retainer and circulate 1.5x casing volume to surface and TOOH.

17) Tag top of CICR.

18) Run CBL from CICR, say at 1980' to 1000'. Verify good cement behind 10-3/4" casing.

19) Spot class C cement from CICR, say at 1980' ~~to 375'. WOC and tag. (~700 SKS) (Surface Casing Shoe, T/Salt, B/Salt)~~

~~20) Spot class C cement from 100'~~ to surface. (~8 SKS)

1980' to surface. High cave karst surface plug + R111P salt plug.

21) ND BOP. RDMO PU, transport trucks, and pump truck.

keith immatty

JRU 003 - Proposed WBD

475’ Surface Casing Shoe

514’ T/Salt

2000’ TOC (I.CGS)

3647’ B/Salt

3660’ TOC

3890’ Intermediate Casing Shoe 1

3896’ T/Delaware

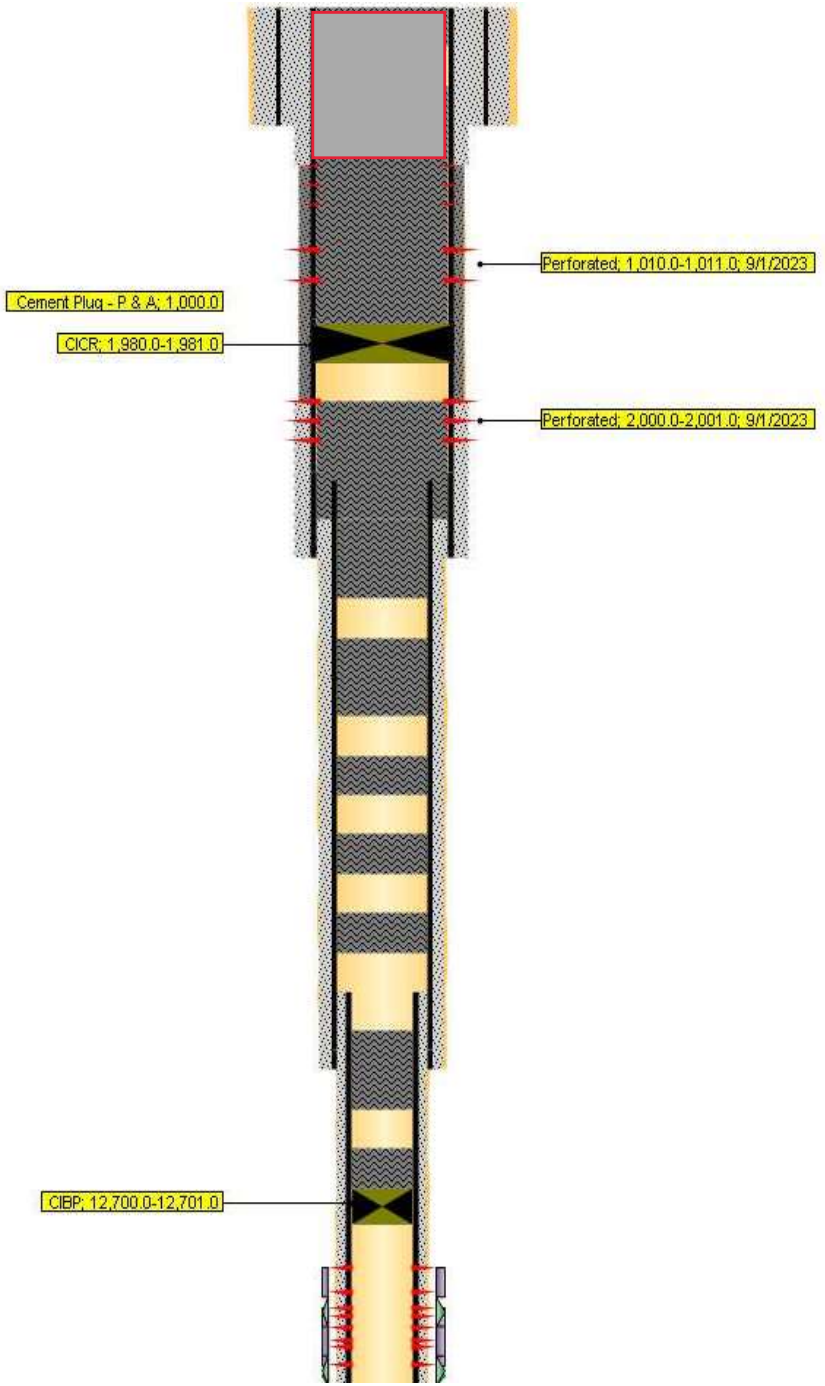
6586’ DV Tool

7674’ T/Bone Spring

11018’ T/Wolfcamp

12037’ Intermediate Casing Shoe 2

12730’ T/ Perfs



~~Circulate Class C from 100’ to surface.~~

Spot 680 SKS Class C: 1980’ to **surface. Verify to surface**.

Perforate at 2000’ and at 1010’, squeeze 175 SKS Class C from 1980’, and displace behind casing to 1000’. WOC and Tag.

Spot 680 SKS Class C: 3590’ to 2000’. WOC and Tag.

Spot 70 SKS Class C: 3,946’ to 3,590’. WOC and Tag.

Spot 3**5** SKS Class C: 6,636’ to 6,486’. WOC and Tag.

Spot 40 SKS **Class H:** 7,724 to 7,505’

Spot 40 SKS **Class H:** 8,500’ to 8,350’.

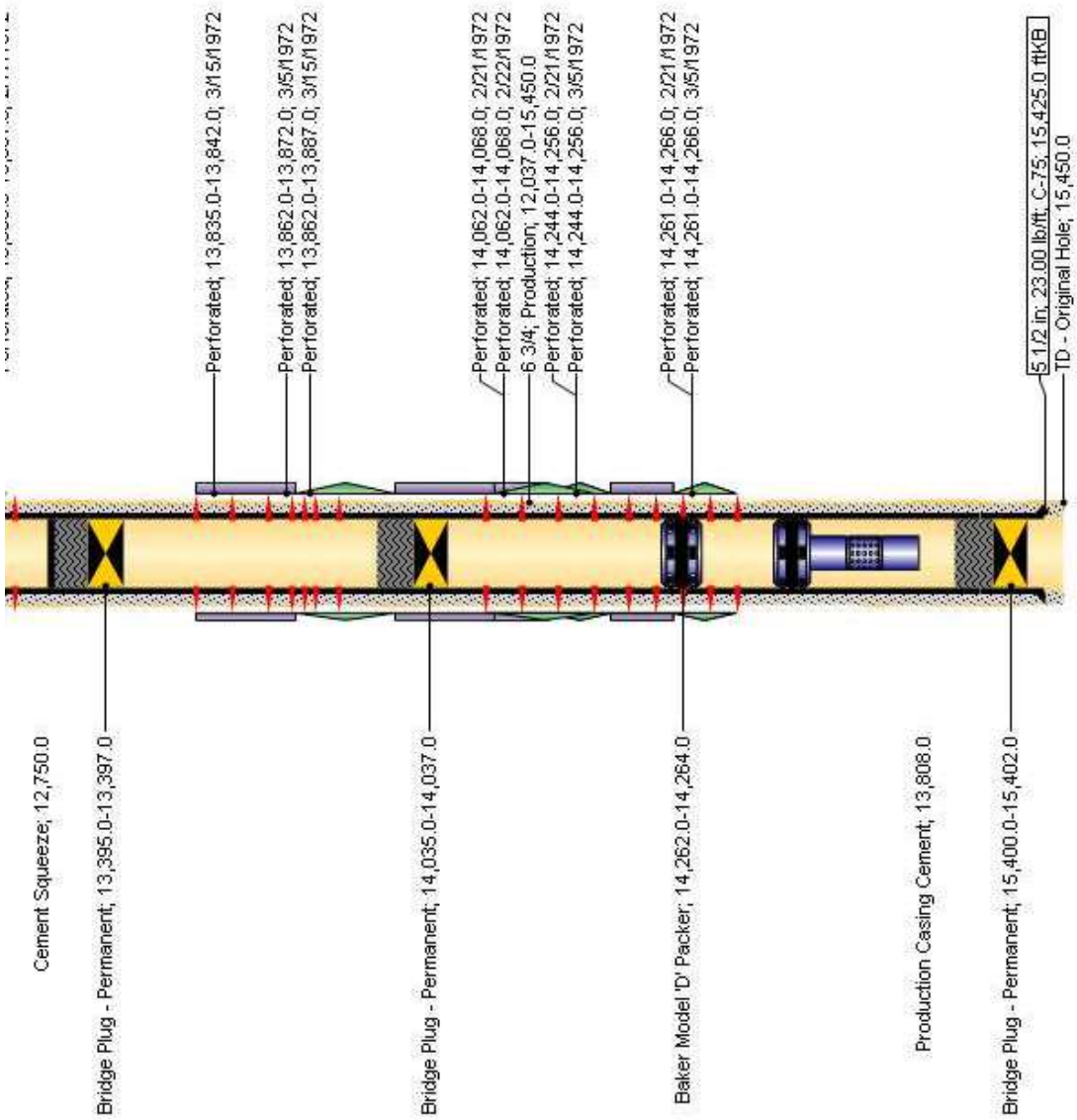
Spot 40 SKS **Class H**: 11,068’ to 10,**867**’.

Spot 25sx Class H 12088' to 11867'. Tag and verify

Spot 25 SKS **Class H** atop CIBP12,700’ to 12,478’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

JRU 003 - Proposed WBD

(existing below proposed CIBP at 12,700')



Sundry ID	2744502					
Plug Type	**Top**	**Bottom**	**Length**	**Tag**	**Sacks**	**Notes**
Surface Plug	0.00	500.00	500.00	Verify circulated to surface	855.00	R111P salt plug + shoe + cave karst surface plug
Shoe Plug	420.25	525.00	104.75	WOC and Tag	855.00	R111P salt plug + shoe + cave karst surface plug
Top of Salt @ 514	458.86	564.00	105.14	WOC and Tag	855.00	R111P salt plug + shoe + cave karst surface plug
Base of Salt @ 3647	3560.53	3697.00	136.47	WOC and Tag	855.00	R111P salt plug + shoe + cave karst surface plug
Operator noting gap in annulus from 2000-1000'. Sqz between with two sets of perfs. Proposal OK						
Shoe Plug	3801.10	3940.00	138.90	WOC and Tag	680.00	
Delaware @ 3896	3807.04	3946.00	138.96	WOC and Tag	70.00	
DV tool plug	6470.14	6636.00	165.86	WOC and Tag	35.00	
Bonesprings @ 7674	7547.26	7724.00	176.74	WOC and Tag	40.00	
Wolfcamp @ 11018	10857.82	11068.00	210.18	WOC and Tag	40.00	
Shoe Plug	11867.62	12088.00	220.38	WOC and Tag	25.00	
CIBP Plug	12665.00	12700.00	35.00	Verify CIBP depth	25.00	Leak test 500psi, 30mins

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
Class H >7500'
Class C<7500'
Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.
Critical, High Cave Karst: Cave Karst depth to surface
R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement	High	KARST DEPTH/TOS to surface	500.00

Shoe @	475.00
Shoe @	3890.00
Shoe @	12038.00
Shoe @	15450.00

Perforatons Top @	12731.00	Perforations	13051.00

DV Tool @	6586.00	CIBP @	12700.00

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**
The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads**. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

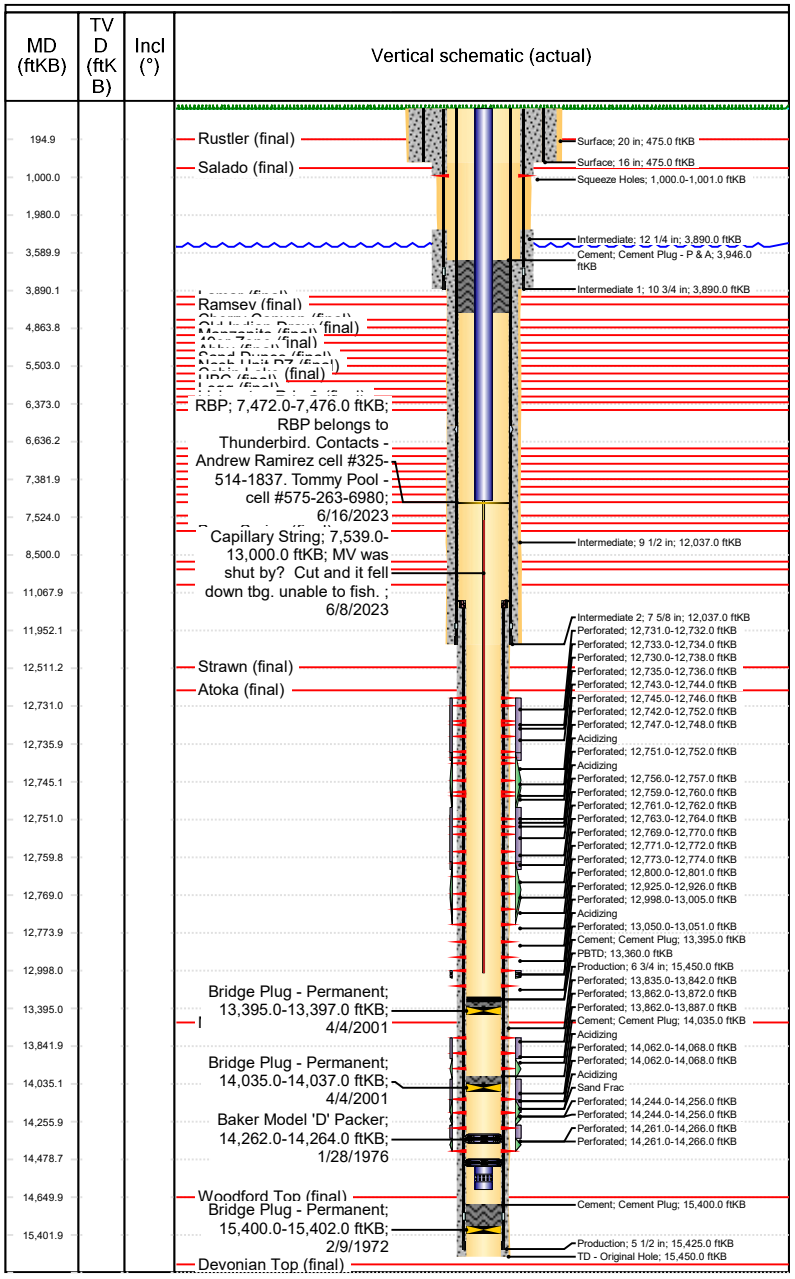
Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

Downhole Well Profile - with Schematic

Well Name: James Ranch Unit 003

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001520232	1135561001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevatio…
T23S-R30E-S01	9/24/1971 13:00	3,311.00	3,288.00	23.00	



Wellbores

Wellbore Name	Parent Wellbore	Wellbore API/UWI
Original Hole		

Start Depth (ftKB)	Profile Type

Section Des	Hole Sz (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	20	23.0	475.0
Intermediate	12 1/4	475.0	3,890.0
Intermediate	9 1/2	3,890.0	12,037.0
Production	6 3/4	12,037.0	15,450.0

Zones

Zone Name	Top (ftKB)	Btm (ftKB)	Current Status
Strawn			
Morrow			
Atoka			

Casing Strings

Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Surface	475.0	16	65.00	H-40
Intermediate 1	3,890.0	10 3/4	40.50	H-40
Intermediate 2	12,037.0	7 5/8	29.70	S-95
Production	15,425.0	5 1/2	23.00	C-75

Cement

Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Cement Plug - P & A	Plug		3,590.0	3,946.0
Surface Casing Cement	Casing	9/26/1971	23.0	475.0
Intermediate Casing Cement	Casing	10/2/1971	2,000.0	3,890.0
Cement Squeeze	Casing	10/2/1971	23.0	1,000.0
2nd Intermediate Casing Cement	Casing	10/27/1971	6,586.0	12,037.0
2nd Intermediate Casing Cement	Casing	10/27/1971	3,660.0	6,586.0
Production Casing Cement	Casing	1/14/1972	13,808.0	15,450.0
Cement Squeeze	Casing	1/22/1972	11,712.0	12,750.0
Cement Squeeze	Squeeze	1/28/1972		
Cement Squeeze	Casing	1/31/1972	12,750.0	13,808.0
Cement Plug	Plug	2/8/1972	15,200.0	15,400.0
Cement Plug	Plug	4/4/2001	14,025.0	14,035.0
Cement Plug	Plug	4/24/2001	13,360.0	13,395.0
Cement Plug - P & A	Plug	9/1/2023	3,660.0	3,946.0

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
2/9/1972	Bridge Plug - Permanent	4 1/2	15,400.0	15,402.0
1/28/1976	Baker Model 'D' Packer	4 1/2	14,262.0	14,264.0
4/4/2001	Bridge Plug - Permanent	4 1/2	14,035.0	14,037.0
4/4/2001	Bridge Plug - Permanent	4 1/2	13,395.0	13,397.0

Perforations

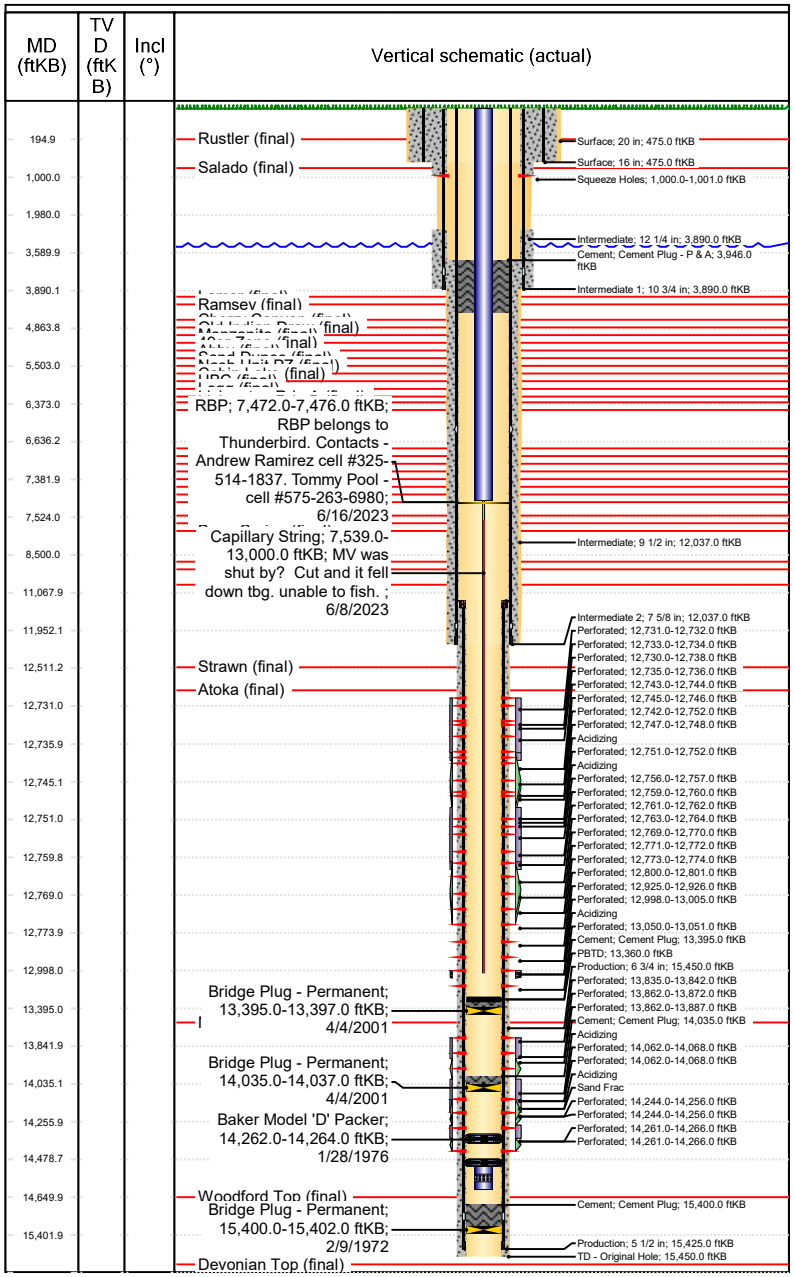
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
10/2/1971	1,000.0	1,001.0	

Downhole Well Profile - with Schematic

Well Name: James Ranch Unit 003

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001520232	1135561001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevatio…
T23S-R30E-S01	9/24/1971 13:00	3,311.00	3,288.00	23.00	



Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
2/11/1976	12,730.0	12,738.0	
12/1/1972	12,731.0	12,732.0	
12/1/1972	12,733.0	12,734.0	
12/1/1972	12,735.0	12,736.0	
2/11/1976	12,742.0	12,752.0	
12/1/1972	12,743.0	12,744.0	
12/1/1972	12,745.0	12,746.0	
12/1/1972	12,747.0	12,748.0	
12/1/1972	12,751.0	12,752.0	
12/1/1972	12,756.0	12,757.0	
12/1/1972	12,759.0	12,760.0	
12/1/1972	12,761.0	12,762.0	
12/1/1972	12,763.0	12,764.0	
12/1/1972	12,769.0	12,770.0	
12/1/1972	12,771.0	12,772.0	
12/1/1972	12,773.0	12,774.0	
1/28/1972	12,800.0	12,801.0	
2/17/1972	12,925.0	12,926.0	
11/24/1972	12,998.0	13,005.0	
2/17/1972	13,050.0	13,051.0	
3/15/1972	13,835.0	13,842.0	
3/5/1972	13,862.0	13,872.0	
3/15/1972	13,862.0	13,887.0	
2/21/1972	14,062.0	14,068.0	
2/22/1972	14,062.0	14,068.0	
2/21/1972	14,244.0	14,256.0	
3/5/1972	14,244.0	14,256.0	
2/21/1972	14,261.0	14,266.0	
3/5/1972	14,261.0	14,266.0	

Stimulation Intervals

Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	14,062.0	14,266.0			0.0
1	14,062.0	14,266.0			0.0
2	12,998.0	13,005.0			0.0
3	12,731.0	12,773.0			0.0
4	12,730.0	12,772.0			0.0
5	13,835.0	14,256.0			0.0

JRU 003 - Proposed WBD

475’ Surface Casing Shoe

514’ T/Salt

2000’ TOC (I.CGS)

3647’ B/Salt

3660’ TOC

3890’ Intermediate Casing Shoe 1

3896’ T/Delaware

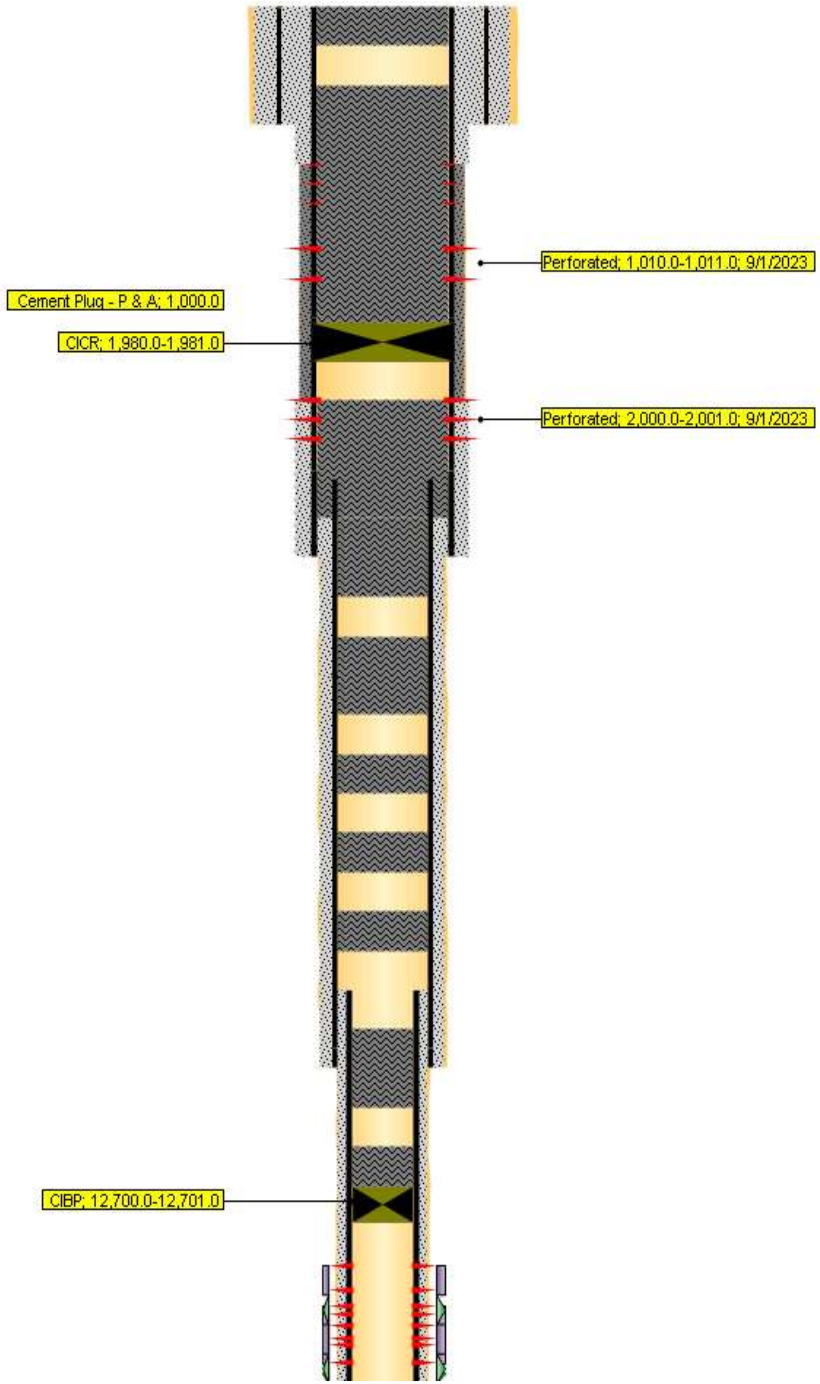
6586’ DV Tool

7674’ T/Bone Spring

11018’ T/Wolfcamp

12037’ Intermediate Casing Shoe 2

12730’ T/ Perfs



Circulate Class C from 100’ to surface.

Spot 680 SKS Class C: 1980’ to 375’. WOC and Tag.

Perforate at 2000’ and at 1010’, squeeze 175 SKS Class C from 1980’, and displace behind casing to 1000’. WOC and Tag.

Spot 680 SKS Class C: 3590’ to 2000’. WOC and Tag.

Spot 70 SKS Class C: 3,946’ to 3,590’. WOC and Tag.

Spot 30 SKS Class C: 6,636’ to 6,486’. WOC and Tag.

Spot 40 SKS **Class H:** 7,724 to 7,505’

Spot 40 SKS **Class H:** 8,500’ to 8,350’.

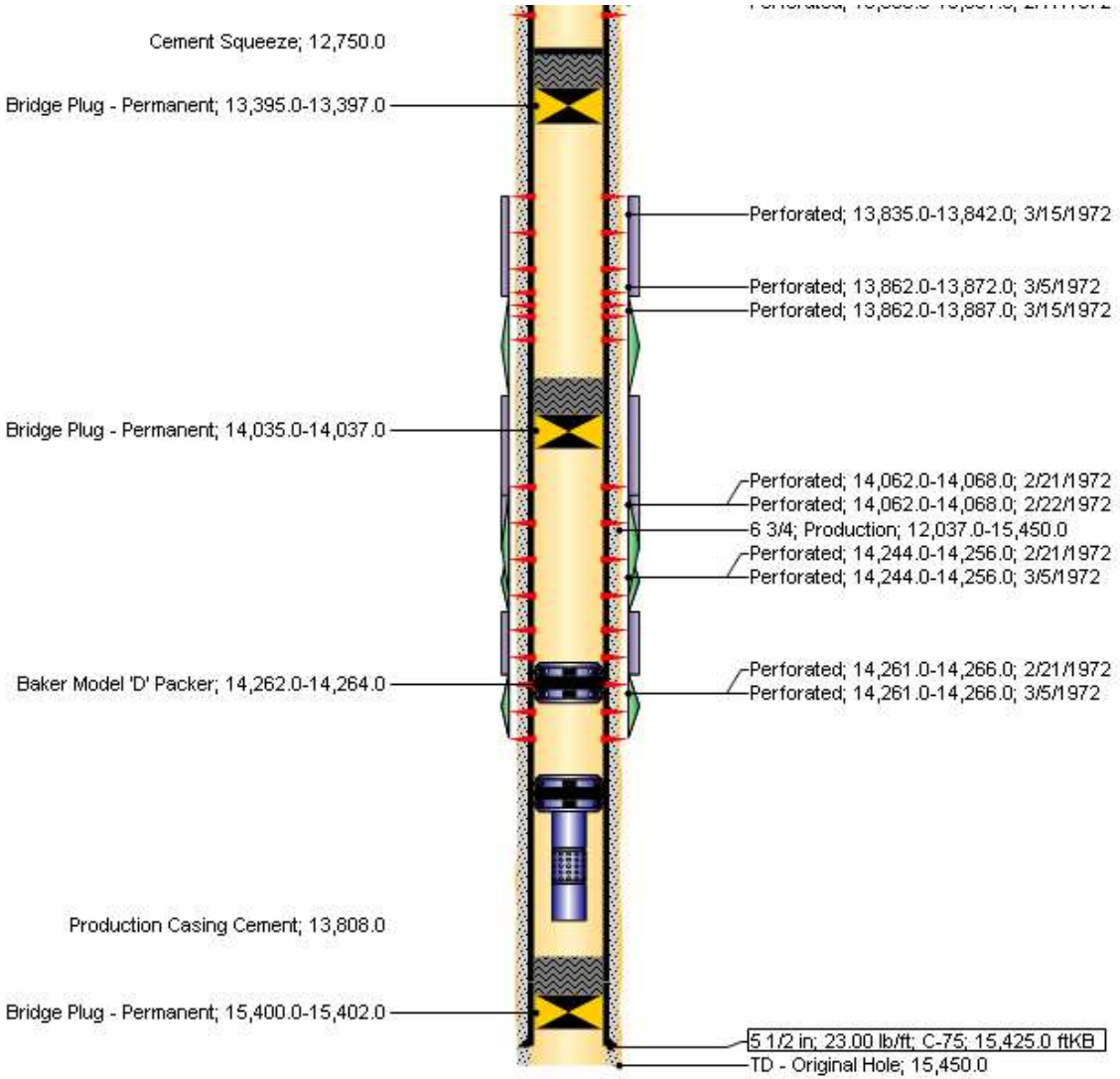
Spot 40 SKS **Class H**: 11,068’ to 10.918’.

Spot 25 SKS **Class H**: 7883’ to 7680’. WOC and tag.

Spot 25 SKS **Class H** atop CIBP12,700’ to 12,478’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

JRU 003 - Proposed WBD

(existing below proposed CIBP at 12,700')



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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 257998

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 257998
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/12/2023