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

Sundry Print Report
08/30/2023

Well Name: JAMES RANCH	**Well Location:** T23S / R31E / SEC 6 / SESW /	**County or Parish/State:** EDDY / NM
Well Number: 14	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM02887D	**Unit or CA Name:** JAMES RANCH COM 14	**Unit or CA Number:** NMNM72338
US Well Number: 3001524420	**Well Status:** Producing Gas Well	**Operator:** XTO PERMIAN OPERATING LLC

Accepted for record –NMOCD gc9/14/2023

Notice of Intent

Sundry ID: 2744504

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/03/2023

Time Sundry Submitted: 07:08

Date proposed operation will begin: 09/03/2023

Procedure Description: 1) RIH w/ 2-7/8" work string and unset RBP at 11590' 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 11,658' to 14,000'. 3) MIRU WLU, RCBL from 4000' to surface. 4) RIH GR to 14,090'; RIH set CIBP at 14,065', pressure test to 500 PSI for 30 minutes; spot 25 SKS Class H cement from 14,065' to 13,799'. WOC and tag to verify TOC. (T/ Morrow Perf, T/Morrow) 5) Spot 25 SKS Class H cement from 12,108' to 11,842'. WOC and tag to verify TOC. (Intermediate Casing Shoe 2) 6) Spot 35 SKS Class H cement from 11,290' to 11,140'. (T/ Wolfcamp) 7) Spot 35 SKS Class H cement from 8783' to 8633'. WOC and tag to verify TOC. (DV Tool) 8) Spot 35 SKS Class H cement from 7757' to 7607'. (T/ Bone Spring) 9) Spot 25 SKS Class C cement from 5000' to 4867'. (3000' requirement) 10) Spot 665 SKS Class C cement from 3988' to 496'. (T/Delaware, B/Salt, Intermediate Cashing Shoe 1, T/Salt, Surface Casing Shoe) 11) MIRU WLU, perforate at 100'. 12) Circulate Class C cement until returns at surface. (~50 SKS) 13) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck. 14) Set P&A marker.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

JRU_014_Proposed_WBD_8.01.23_20230803190759.pdf

JRU_014_DHWP_8.01.23_20230803190744.pdf

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Conditions of Approval

Specialist Review

JAMES_RANCH_14___2744504___coa_and_procedure_20230830182041.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 07:08 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:

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: 08/30/2023

Signature: null

1) RIH w/ 2-7/8" work string and unset RBP at 11590' 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 11,658' to 14,000'.

3) MIRU WLU, RCBL from 4000' to surface.

4) RIH GR to 14,090'; RIH set CIBP at 14,065', pressure test to 500 PSI for 30 minutes; spot 25 SKS Class H cement from 14,065' to 13,799'. WOC and tag to verify TOC. (T/ Morrow Perf, T/Morrow)

5) Spot 25 SKS Class H cement from 12,108' to 11,842'. WOC and tag to verify

TOC. (Intermediate Casing Shoe 2)

6) Spot **55** SKS Class H cement from 11,290' to 11,**077**'. (T/ Wolfcamp)

7) Spot **55** SKS Class H cement from 8783' to 8**595**'. WOC and tag to verify TOC. (DV Tool)

8) Spot **45** SKS Class H cement from 7757' to 7**579**'. (T/ Bone Spring)

9) Spot 25 SKS Class C cement from 5000' to 4867'. (3000' requirement)

10) Spot **705** SKS Class C cement from 3988' to 496'. (T/Delaware, B/Salt, Intermediate Cashing Shoe 1, T/Salt, Surface Casing Shoe). **WOC, Tag and verify**

11) MIRU WLU, perforate at 100'.**~40sx, verify to surface inside and in annulus**

12) Circulate Class C cement until returns at surface. (~50 SKS)

13) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.

14) Set P&A marker.

R111P restrictions and mix requirements apply

KEITH IMMATTY

Digitally signed by KEITH IMMATTY
Date: 2023.08.30 18:20:01 -06'00'

JRU 014 - Proposed WBD

596’ Surface Casing Shoe

700’ T/Salt

3930’ Intermediate Cashing Shoe 1

3938’ B/Salt

3938’ T/Delaware

7707’ T/Bone Spring

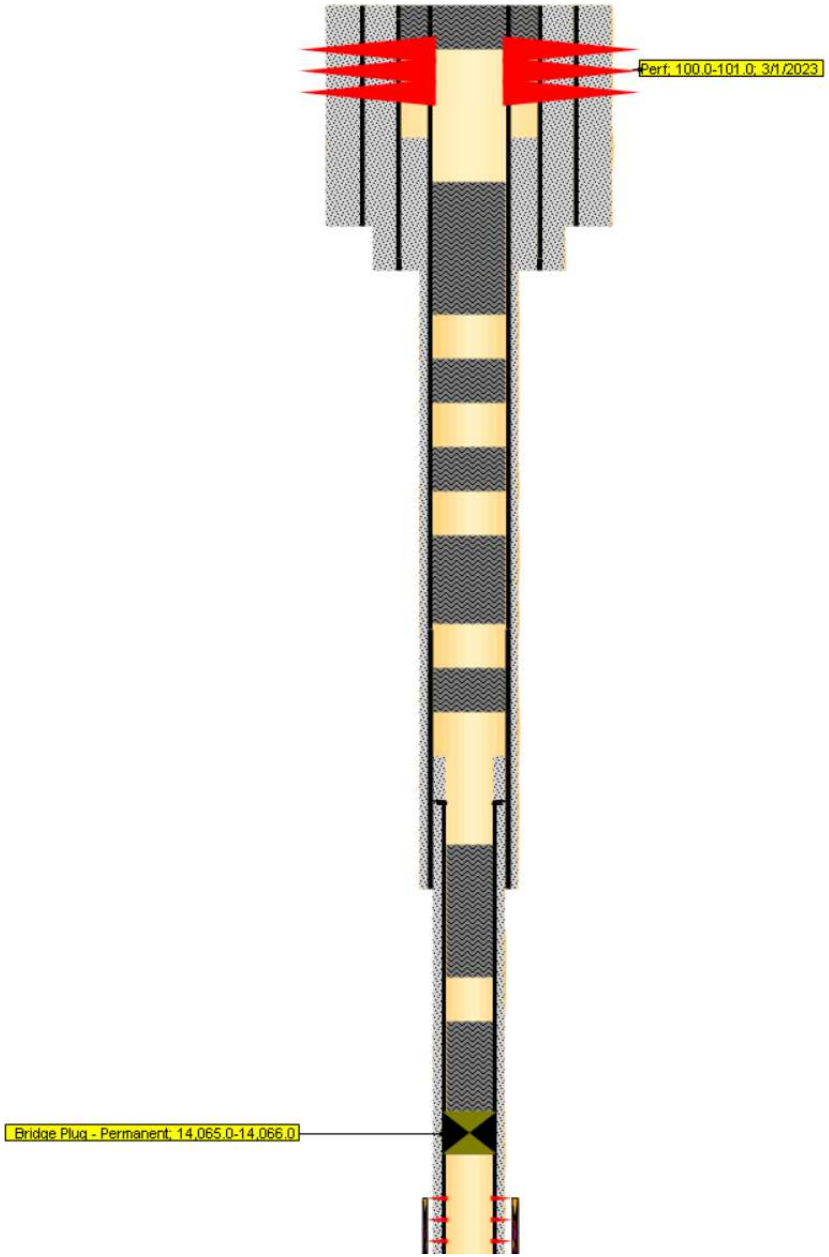
8733’ DV Tool

11240’ T/Wolfcamp

12058’ Intermediate Casing Shoe 2

14016’ T/Morrow

14139’ T/Perforations



Perf and circulate 100’ to surface. **~40sx. Verify to surface**

Spot **705** SKS Class C: 3988’ to 496’.**WOC & Tag**

Spot 25 SKS Class C: 5000’ to 4867’.

Spot **45** SKS Class H: 7757’ - 7**579’**

Spot **55** SKS Class H: 8783’ - 8**595’. WOC & Tag**

Spot **55** SKS Class H: 11,290’ - 11,**077’**.

Spot 25 SKS Class H: 12,108’ - 11,842’. WOC and tag.

Spot 25 SKS Class H atop CIBP: 14065’ - 13799’. PT CIBP to 500 PSIG for 30 min. WOC and Tag

Sundry ID	2744504					
Plug Type	**Top**	**Bottom**	**Length**	**Tag**	**Sacks**	**Notes**
Surface Plug	0.00	100.00	100.00	Verify circulated to surface	40.00	Perf and sqz
TOC 200'. Perf and sqz above plug						
Shoe Plug	539.05	645.00	105.95	WOC and Tag	705.00	R111P plug from 3988-539'
Top of Salt @ 700	643.00	750.00	107.00	WOC and Tag	705.00	R111P plug from 3988-539'
Shoe Plug	3840.70	3980.00	139.30	WOC and Tag	705.00	R111P plug from 3988-539'
Base of Salt @ 3938	3848.62	3988.00	139.38	WOC and Tag	705.00	R111P plug from 3988-539'
Delaware @ 3938	3848.62	3988.00	139.38	WOC and Tag	705.00	R111P plug from 3988-539'
Bonesprings @ 7707	7579.93	7757.00	177.07		45.00	
DV tool plug	8595.67	8783.00	187.33	WOC and Tag	55.00	
Wolfcamp @ 11240	11077.60	11290.00	212.40		55.00	
Shoe Plug	11887.42	12108.00	220.58	WOC and Tag	25.00	
Morrow @ 14016	13825.84	14066.00	240.16	WOC and Tag	25.00	Same as below plug
CIBP Plug	14030.00	14065.00	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	R111-P	50 Feet from Base of Salt to Surfac	500.00

Shoe @	595.00
Shoe @	3930.00
Shoe @	12058.00
Shoe @	14640.00

Perforatons Top @	14139.00	Perforations Bottom @	14202.00

DV Tool @	8733.00	CIBP @	14065.00

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 (LPC Habitat)

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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

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

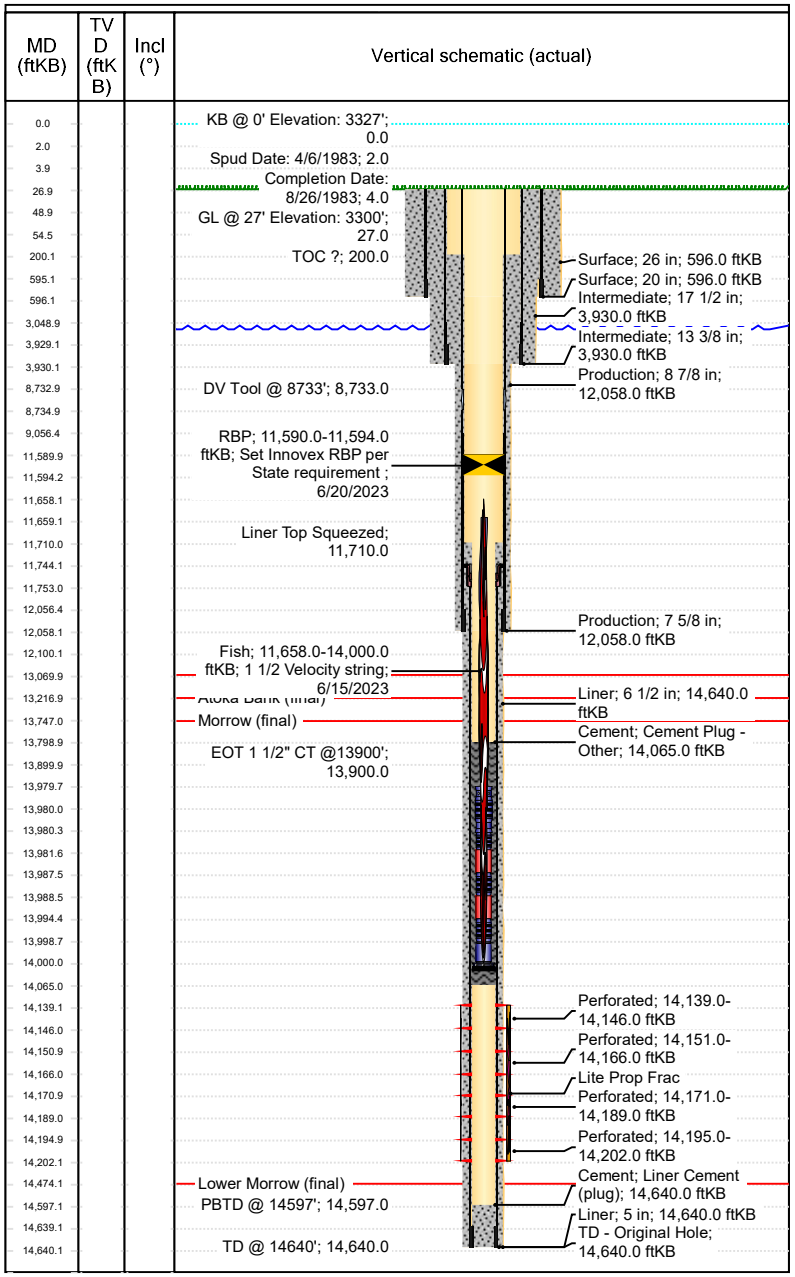
Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

Downhole Well Profile - with Schematic

Well Name: James Ranch Unit 014

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001524420	1136171001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevatio…
T22S-R31E-S07	4/6/2003 08:45	3,327.00	3,300.00	27.00	



Wellbores

Wellbore Name	Parent Wellbore	Wellbore API/UWI
Original Hole	Original Hole	

Start Depth (ftKB)	Profile Type
27.0	

Section Des	Hole Sz (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	26	27.0	596.0
Intermediate	17 1/2	596.0	3,930.0
Production	8 7/8	3,930.0	12,058.0
Liner	6 1/2	12,058.0	14,640.0

Zones

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

Casing Strings

Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Surface	596.0	20	94.00	H-40
Intermediate	3,930.0	13 3/8	61.00	K-55
Production	12,058.0	7 5/8	33.70	N-80
Liner	14,640.0	5	18.00	N-80

Cement

Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	Casing	4/7/1983	27.0	596.0
Surface Casing Cement	Casing	4/27/1983	27.0	3,930.0
Production Casing Cement	Casing	6/9/1983	8,733.0	12,058.0
Production Casing Cement	Casing	6/9/1983	200.0	8,733.0
Liner Cement	Casing	7/15/1983	11,744.0	14,640.0
Cement Squeeze	Casing	7/23/1983	11,710.0	12,100.0
Cement Plug - Other	Plug	4/1/2023	13,799.0	14,065.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Other	5/22/2023	14,000.0

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Seal Assembly-Straight Slot	3.02			1	0.72	13,979.7	13,980.4
Seal 212EB5500	2.55			1	1.10	13,980.4	13,981.5
Spacer (3)	2 1/2			3	6.01	13,981.5	13,987.5
Seal 212EB5500	2.55			1	1.06	13,987.5	13,988.6
Spacer (3)	2 1/2			3	6.00	13,988.6	13,994.6
Seals (4) 212EB5500	2.55			4	4.27	13,994.6	13,998.8
Guide 2125506	2 1/2			1	1.17	13,998.8	14,000.0

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
6/15/2023	Fish	1 1/2	11,658.0	14,000.0

Perforations

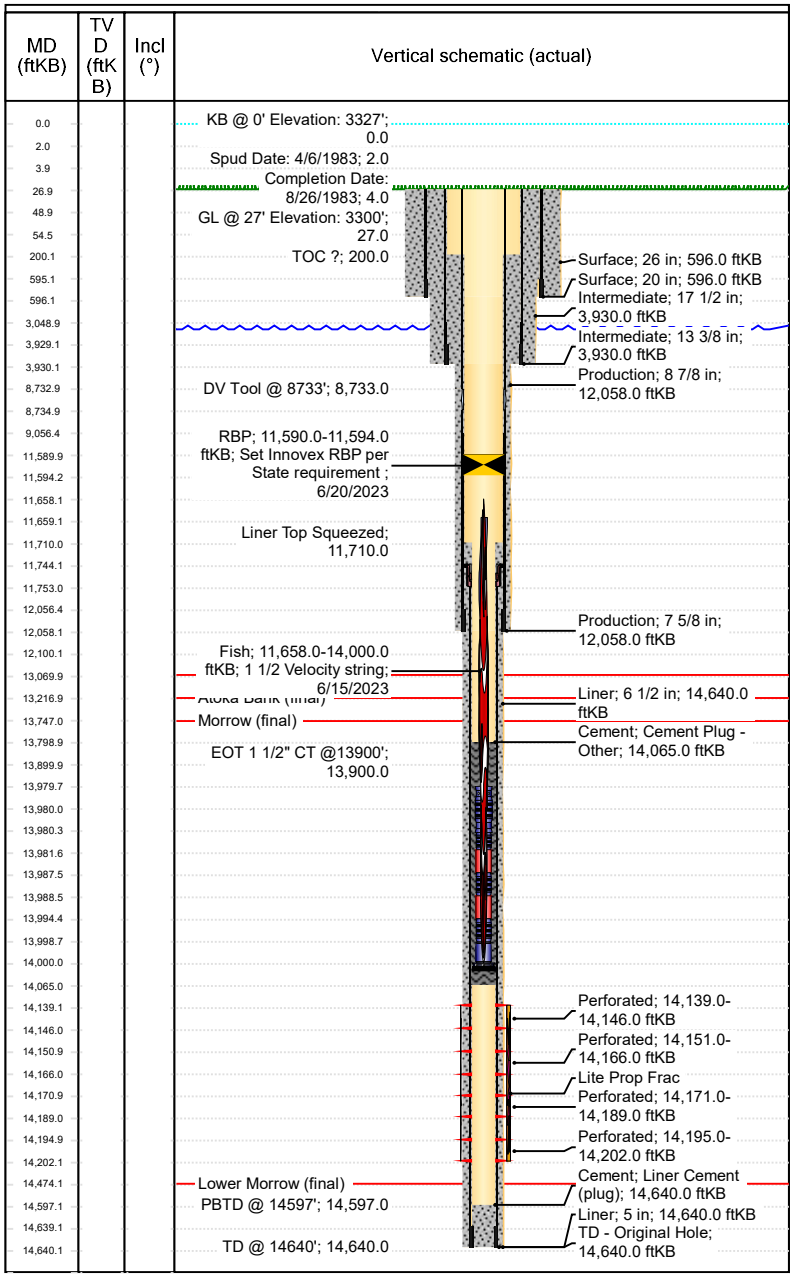
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
8/19/1983	14,139.0	14,146.0	
8/19/1983	14,151.0	14,166.0	

Downhole Well Profile - with Schematic

Well Name: James Ranch Unit 014

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001524420	1136171001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevatio…
T22S-R31E-S07	4/6/2003 08:45	3,327.00	3,300.00	27.00	



Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
8/19/1983	14,171.0	14,189.0	
8/19/1983	14,195.0	14,202.0	

Stimulation Intervals

Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	14,139.0	14,202.0			0.0

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 260467

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 260467
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/14/2023