

Well Name: HUDSON FEDERAL	Well Location: T17S / R31E / SEC 18 / SENE / 32.8373645 / -103.9011416	County or Parish/State: EDDY / NM
Well Number: 10	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001528798	Operator: LH OPERATING LLC	

Notice of Intent

Sundry ID: 2830012

Type of Submission: Notice of Intent

Date Sundry Submitted: 01/06/2025

Date proposed operation will begin: 02/06/2025

Type of Action: Plug Back

Time Sundry Submitted: 09:56

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Hudson_Federal_10_Wellbore_Schematic_20250106095625.pdf
- Hudson_Federal_10_Proposed_Schematic_20250106095624.pdf
- Hudson_Federal_10_Summarized_Well_History_20250106095625.pdf
- Hudson_Federal_10_NMOCD_Procedure_to_ReComplete_to_Seven_Rivers_20250106095624.pdf

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SENE / 32.8373645 / -103.9011416

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Lease Number: NMLC054908

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001528798

Operator: LH OPERATING LLC

Conditions of Approval

Specialist Review

Plugback_COA_20250222093420.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: MICHAEL BURTON

Signed on: JAN 06, 2025 09:56 AM

Name: LH OPERATING LLC

Title: Environmental Manager

Street Address: 3730 KIRBY DR SUITE 1200

City: HOUSTON

State: TX

Phone: (575) 499-5306

Email address: MIKE@LHOPERATING.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 02/22/2025

Signature: Zota Stevens

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input 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 recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

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

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SENE / 1600 FNL / 200 FEL / TWSP: 17S / RANGE: 31E / SECTION: 18 / LAT: 32.8373645 / LONG: -103.9011416 (TVD: 0 feet, MD: 0 feet)

BHL: SENE / 1600 FNL / 200 FEL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

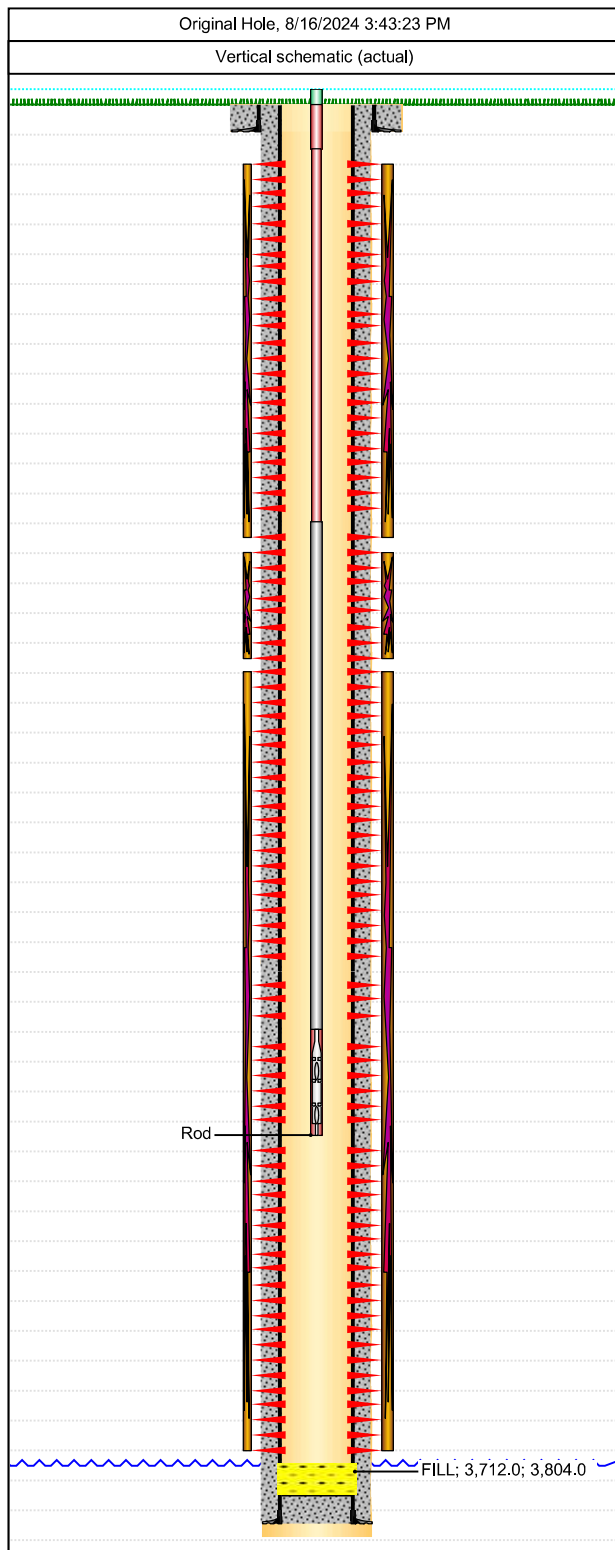


Downhole Well Profile

Well Name: HUDSON FEDERAL 10

API/UWI 3001528798	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,719.00	KB-Tubing Head Distance (ft)	Initial Spud Date 2/23/1996 15:45	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,804.0	Total Depth All (TVD) (ftKB)

Type						
Des	Make	Model	WP (psi)	Service	WP Top (psi)	Bore Min (in)



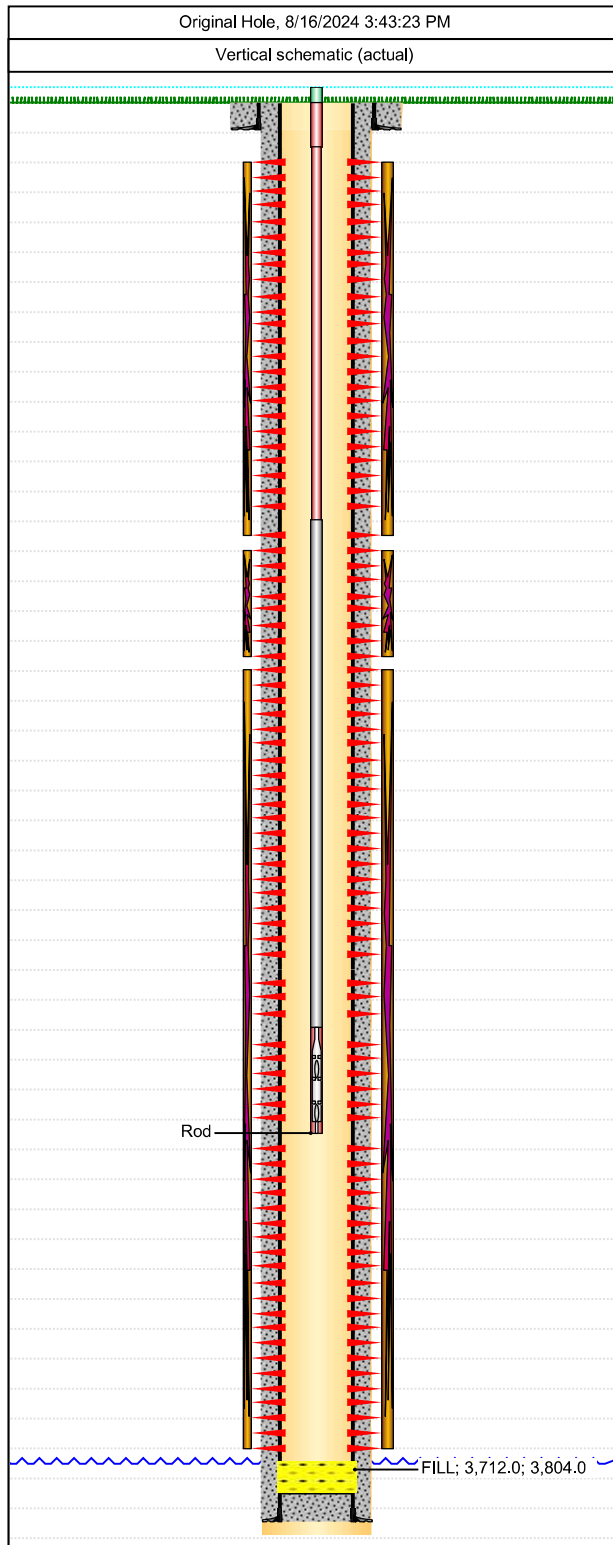
Casing Strings					
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	8 5/8	24.00	J-55		429.0
Production	5 1/2	15.50	J-55		3,849.0
Perforations					
Date	Top (ftKB)	Btm (ftKB)	Linked Zone		
3/1/1996	2,776.0	2,776.0			
3/1/1996	2,789.0	2,789.0			
3/1/1996	2,825.0	2,825.0			
3/1/1996	2,827.0	2,827.0			
3/1/1996	2,853.0	2,853.0			
3/1/1996	2,855.0	2,855.0			
3/1/1996	2,908.0	2,908.0			
3/1/1996	2,910.0	2,910.0			
3/1/1996	2,912.0	2,912.0			
3/1/1996	2,914.0	2,914.0			
3/1/1996	2,949.0	2,949.0			
3/1/1996	2,951.0	2,951.0			
3/1/1996	2,974.0	2,974.0			
3/1/1996	3,032.0	3,032.0			
3/1/1996	3,053.0	3,053.0			
3/1/1996	3,059.0	3,059.0			
3/1/1996	3,075.0	3,075.0			
3/1/1996	3,079.0	3,079.0			
3/1/1996	3,081.0	3,081.0			
3/1/1996	3,083.0	3,083.0			
3/1/1996	3,085.0	3,085.0			
3/1/1996	3,087.0	3,087.0			
3/1/1996	3,089.0	3,089.0			
3/1/1996	3,091.0	3,091.0			
3/1/1996	3,132.0	3,132.0			
3/1/1996	3,210.0	3,210.0			
3/1/1996	3,214.0	3,214.0			
3/1/1996	3,216.0	3,216.0			
3/1/1996	3,218.0	3,218.0			
3/1/1996	3,220.0	3,220.0			
3/1/1996	3,245.0	3,245.0			
3/1/1996	3,247.0	3,247.0			
3/1/1996	3,249.0	3,249.0			
3/1/1996	3,334.0	3,334.0			
3/1/1996	3,336.0	3,336.0			
3/1/1996	3,338.0	3,338.0			
3/1/1996	3,340.0	3,340.0			
3/1/1996	3,342.0	3,342.0			
3/1/1996	3,344.0	3,344.0			
3/1/1996	3,353.0	3,353.0			
3/1/1996	3,355.0	3,355.0			
3/1/1996	3,357.0	3,357.0			
3/1/1996	3,363.0	3,363.0			
3/1/1996	3,365.0	3,365.0			
3/1/1996	3,367.0	3,367.0			
3/1/1996	3,369.0	3,369.0			
3/1/1996	3,383.0	3,383.0			



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Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
3/1/1996	3,387.0	3,387.0	
3/1/1996	3,389.0	3,389.0	
3/1/1996	3,391.0	3,391.0	
3/1/1996	3,397.0	3,397.0	
3/1/1996	3,401.0	3,401.0	
3/1/1996	3,403.0	3,403.0	
3/1/1996	3,408.0	3,408.0	
3/1/1996	3,410.0	3,410.0	
3/1/1996	3,413.0	3,413.0	
3/1/1996	3,415.0	3,415.0	
3/1/1996	3,417.0	3,417.0	
3/1/1996	3,419.0	3,419.0	
3/1/1996	3,421.0	3,421.0	
3/1/1996	3,423.0	3,423.0	
3/1/1996	3,425.0	3,425.0	
3/1/1996	3,436.0	3,436.0	
3/1/1996	3,438.0	3,438.0	
3/1/1996	3,440.0	3,440.0	
3/1/1996	3,442.0	3,442.0	
3/1/1996	3,444.0	3,444.0	
3/1/1996	3,446.0	3,446.0	
3/1/1996	3,448.0	3,448.0	
3/1/1996	3,450.0	3,450.0	
3/1/1996	3,452.0	3,452.0	
3/1/1996	3,456.0	3,456.0	
3/1/1996	3,458.0	3,458.0	
3/1/1996	3,460.0	3,460.0	
3/1/1996	3,462.0	3,462.0	
3/1/1996	3,464.0	3,464.0	
3/1/1996	3,466.0	3,466.0	
3/1/1996	3,468.0	3,468.0	
3/1/1996	3,473.0	3,473.0	
3/1/1996	3,475.0	3,475.0	
3/1/1996	3,477.0	3,477.0	
3/1/1996	3,481.0	3,481.0	
3/1/1996	3,483.0	3,483.0	

Tubing Strings

Tubing Description	Run Date	String Length (ft)		Set Depth (ftKB)			
Tubing - Production	5/2/2022						
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)

Rod Strings

Rod Description Rod		Run Date 5/2/2022		String Length (ft) 3,430.00		Set Depth (ftKB) 3,430.0		
Item Des		Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Rod Sub			Norris	Grade 75	7/8	2.22	D	14.00
Sucker Rod		62	Norris	Grade 54	7/8	2.22	D	1,550.00
Sucker Rod		62	Norris	Grade 78	3/4	1.63	D	1,550.00
Sinker Bar		12	Norris	Grade 78	7/8	6.01	D	300.00

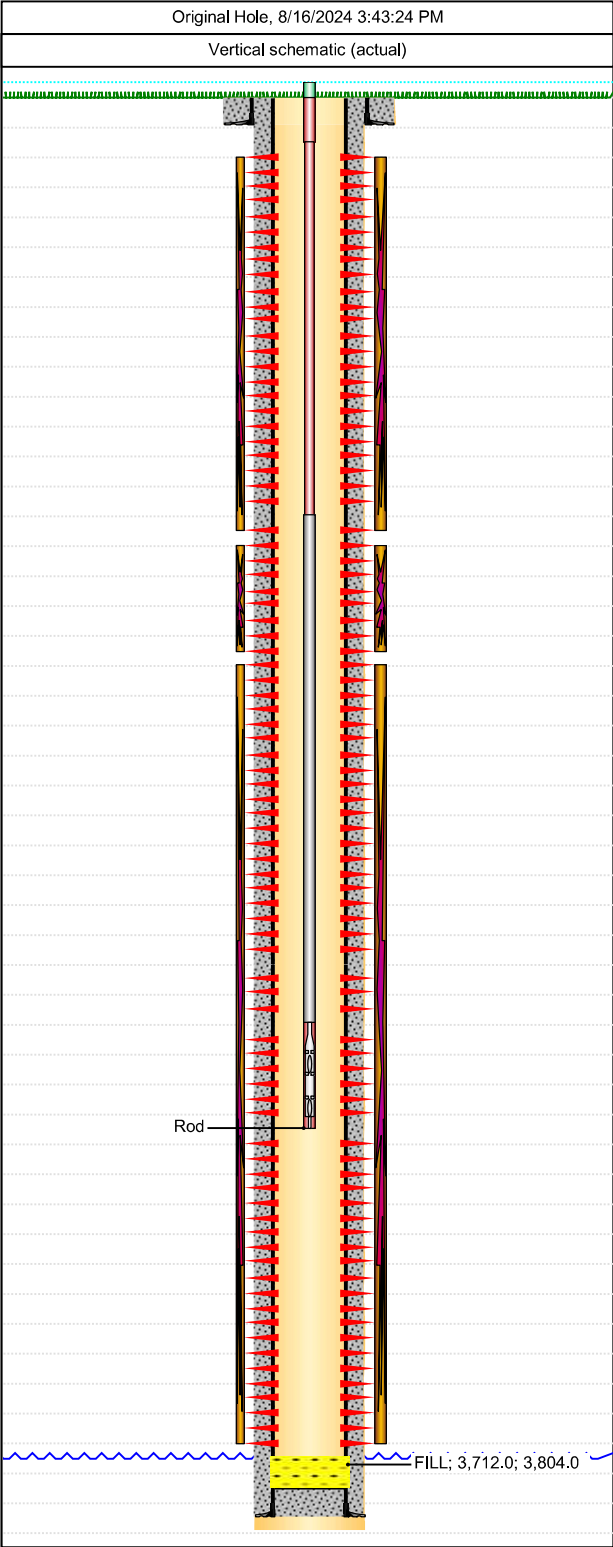
WellView®

Downhole Well Profile

Well Name: HUDSON FEDERAL 10

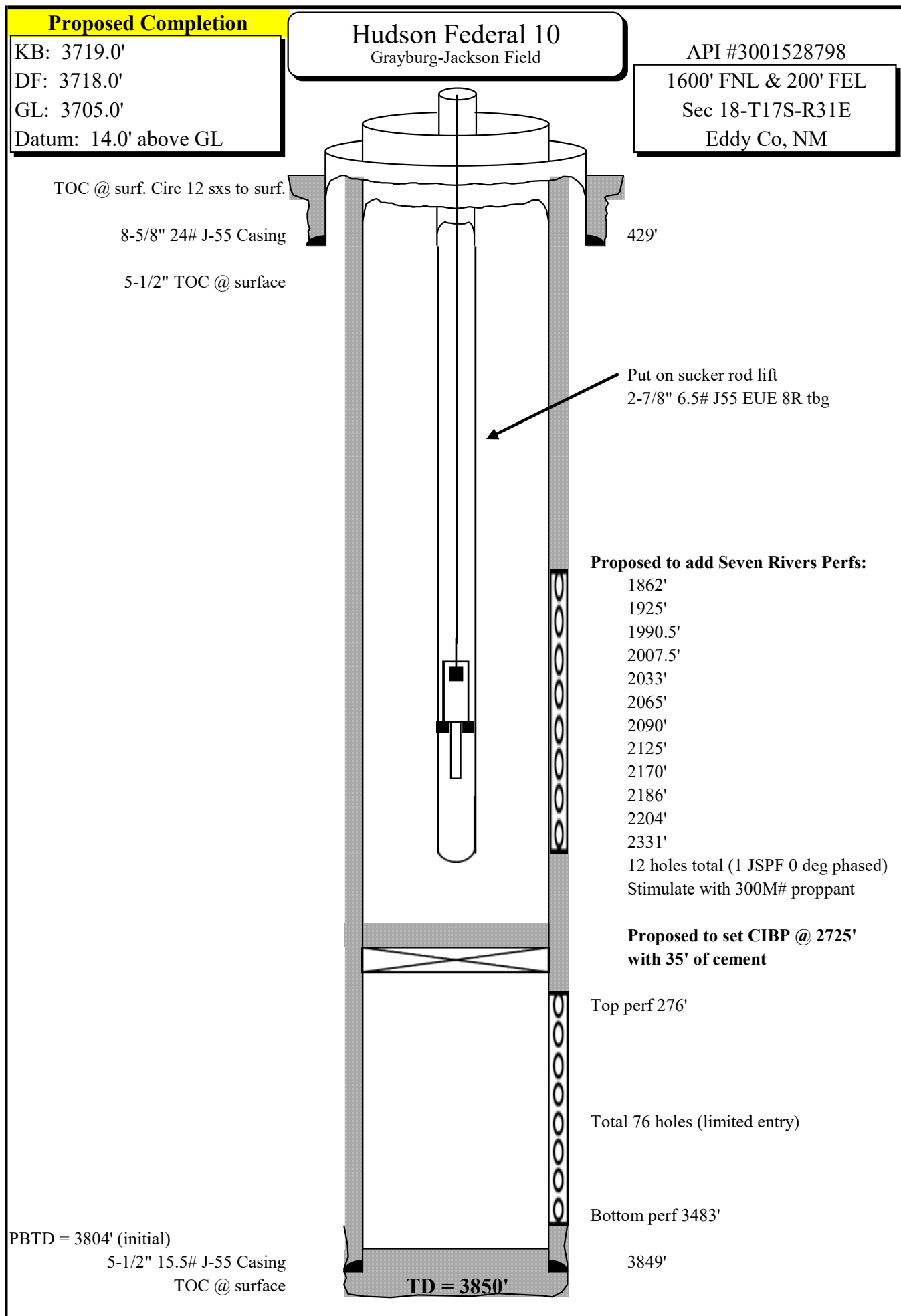
API/UWI 3001528798	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
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Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
2.5 X 1.50 X RWBC X 16'				7/8			16.00

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Daily Activity and Cost Summary

Well Name: HUDSON FEDERAL 10

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Job Category Workover / Completions	Primary Job Type Pump Change/Repair	Secondary Job Type Tubing Repair	Status 1
AFE Number	Start Date 3/24/2011	End Date	Total AFE Amount (Cost)

Objective
Fish parted rods. Change pump

Summary

Contractor Basic Energy	Rig Number 1703	Rig Type
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	3/24/2011	3/24/2011	562.50	562.50	Road rig to location spot in get ready to rig up, to windy SDFN.
2.0	3/25/2011	3/25/2011	4,340.00	4,902.50	RUWSU, Take off horse head was going to pressure test tbg but hot oil unit got stopped by police and liceince was suspended. Unseat pump LD 1 1/4 X 1 1/2 X 26' polish rod, TOO H With 35-7/8, 62-3/4, 12-7/8, 2 1/2 X 2 X 16' pump, 20' G/A plunger was stuck in pump. PU re-dressed 2 1/2 X 2 X 16' pump, 20' G/A, TIH with 12-7/8, 62-3/4, 35-7/8, 1 1/4 X 1 1/2 X 26' polish rod seat pump. Load tbg pressure up to 500 psi, pressure dropped to 50. Did some trouble shooting and found notheing must have hole in tbg. unseat pump LD polish rod TOO H W/rods & pump.
3.0	3/28/2011	3/28/2011	6,463.00	11,365.50	Open up well, RU D&G tbg tester TOO H W/84 jts, 5 1/2 TAC, 3 jts, S/N, Perf Sub, M/A. Found hole on pump jt # 87 depth of failure @ 2754' looked like internal corrosion. RD D&G tester and release. PU 4 3/4 Bit, 5 1/2 scrapper TIH W/86 jts out of derrick. Lunch. PU 22 jts for total of 108 tagged @ 3447 bottom perf 3483' 36' of perfs covered. PBTD @ 3804'. TOO H W/108 jts tbg changed out 36- 2 7/8 collars that were pitted, LD scrapper, RD floor & tongs. NU drip pan for bailer run. RU Floor & tongs. PU Bailer TIH W/Notch collar, check valve, 15 stands, bailer, 37 stands SWI
4.0	3/29/2011	3/29/2011	4,828.00	16,193.50	Open up well. PU 14 jts clean out to 3712', giving us 229' of rat hole. LD 5 jts. TOO H W/112 jts LD bailer had scale, Calcium sulphate. PU 5 1/2 Model R packer TIH W/88 jts to 2756' top perf 1776' let packer swing SWI, Couldn't get acid until morning.
5.0	3/30/2011	3/30/2011	15,588.70	31,782.20	Open up well try to set packer @ 2756' packer wouldn't set. Pull 1 jt set packer @ 2724' Load and test csg to 300 psi W/9 Bbls, good. Pump 3000 gallons 15% HCL 800 gallons xylene. Dropped 3 1000 lb salt diverters every 1000 gallons. Could see salt hit formation with pressure spike of 350 psi.ISIP 1862, 5 min 1506, 10 min 1456, 15 min 1411. SWI for 3 hrs. Open up tbg 650 psi flowed back 16 Bbls, RU swab made 4 runs 1st run FL @ 50' last 3 runs FL @ 950' recovered 46 Bbls for total of 62. SWI
6.0	3/31/2011	3/31/2011	9,107.00	40,889.20	Tbg 100 psi, bleed down well. Made 1st run FL @ 250', next 14 runs FL @ 1800' recovered 90 Bbls 25 % oil cut. Lunch. Release packer LD 2 jts TOO H W/85 jts LD packer. PU 2 7/8 X 31' slotted M/A with bull plug, S/N 23 jts, 5 1/2 TAC, 86 jts. RD floor & tongs NDBOP, set TAC W/14K pulled land tbg NUWH.
7.0	4/1/2011	4/1/2011	2,306.98	43,196.18	Open up well. PU 2 1/2 X 2 X 16' pump W/20' G/A, 12-7/8, 62-3/4, 62-7/8 1-6', 2-4' subs, 1 1/4 X 1 1/2 X 26' polish rod hang well on check pump action, pressure test good. RDWSU move off



Daily Activity and Cost Summary

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Job Category Workover/Maint	Primary Job Type Artificial Lift	Secondary Job Type Repair/Replace Downhole Pump	Status 1 Approved
AFE Number	Start Date 5/29/2013	End Date 5/31/2013	Total AFE Amount (Cost)

Objective
replace down hole pump

Summary

Contractor Aztec Well Service	Rig Number Rudy #488	Rig Type
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	5/29/2013	5/29/2013	558.00	558.00	move In and rig up
2.0	5/30/2013	5/30/2013	3,686.00	4,244.00	Strip rods-tag- LD extra tubing-set up to test tbg. in tomorrow-shut down
3.0	5/31/2013	5/31/2013	33,950.00	38,194.00	Test tbg in hole-Run pump and rods-RTP



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Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 4/29/2022	End Date	Total AFE Amount (Cost)

Objective
Pump & Tbg R & R

Summary

Contractor RELIABLE	Rig Number 8	Rig Type
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	4/29/2022	4/30/2022	7,200.00	7,200.00	Crew arrived on location. Held PJSM, JSA. MIRU Reliable #7 WSU. Remove head from PU. Pull Polish Rod 1 1/4" x 26', Unseated pump and pulled the 1st triple and the rods had a thick coating of Paraffin. Called for Hot Oiler to pump 70 bbls/paraffin solvent down tbg. Hot Oiler arrived and pumped fluid @ 200 degrees down the 2 7/8" tbg. W/fluid pumped, SD pump and R/D Hot Oiler. TOO H with (2) 4' & (1) 6' x 7/8" Ponys, 62-78" D Rods, 62-3/4" D Rods, 12-7/8" KBARS. Pump w/20' GA. The last 15 triples were coated w/Paraffin. (Will treat again w/hot oiler before seating pump on TBIH. ND WH & NU 5K BOP, Released TAC and P/U 4 jts 2 7/8" J55 tbg and did not tag. Laid down 4 jts & TOO H talling 2 7/8" tbg. TOO H w/86 jts 2 7/8" tbg, TAC, 23 Jts 2 7/8" tbg, 2 7/8" SN & slotted MJBP. The last 5 jts were severely corroded. Dropped 3 Bio & 3 IC Balls. Secure well & SDFN. Will Hydro-test tbg on TBIH on monday morning. Hydro-testers & hot oiler set up for Monday morning.
2.0	5/2/2022	5/2/2022	15,409.00	22,609.00	CREW TO LOCATION, PJSM, JSA, MIRU STEALTH HYDRO TESTERS, TIH WITH 1 BPMA, 4' SLOTTED SUB, SN, 23 X 2 7/8 JTS, 5 1/2 TAC, 86 X 2 7/8 JTS, RDMO STEALTH, ND BOP NU WELL HEAD, BUILD FLOW LINES, 14' X SUBS 7/8, 62 X 7/8 D RODS , 62 X 3/4 D RODS, 12 X 7/8, 2.5 X 1.50 X RWBC X 16', HANG WELL ON TEST TO 500 PSI HOLD, RDMO WO, TOTP, SDON

Hudson Federal 10

Eddy Co., NM

API# 30-015-28798

Procedure to Recomplete to the Seven Rivers Intervals

12/09/24

Objective: Recomplete from Grayburg- San Andres intervals from 2776'...3483' to the Seven Rivers intervals, 1862'...2331'. Stimulate and return to production in the Seven Rivers intervals only.

1. Notify NMOCD field representative.
2. Move in rig up workover rig.
3. POH and laydown rods and pump.
4. Remove wellhead. Install BOP.
5. POH and lay down tubing.
6. Set 5-1/2" CIBP above current perforations @ 2725' and test. Dump bail 35' of cement on top of CIBP.
7. GIH and perforate Seven Rivers intervals @ 2331', 2204', 2186', 2170', 2125', 2090', 2065', 2033', 2007.5', 1990.5', 1925' and 1862' (1 shot per foot a total of 12 total holes).
8. RIH with packer and 3-1/2" work string. Set packer at 1800'.
9. Install valve on 3-1/2" tbg.
10. Stimulate Seven Rivers intervals, 1862'... 2331'.
11. Flowback well and test.
12. At conclusion of flowback, shut-in valve.
13. MIRU workover rig.
14. Remove valve and install BOP.
15. Unset packer. POH and lay down 3-1/2" work string and packer.
16. RIH with 2-7/8" tubing. ND BOP and NU wellhead.
17. RIH with pump and rods. Hang well on.
18. RD and release workover rig. Put well on production.

BUREAU OF LAND MANAGEMENT

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

Conditions of Approval for Permanent Abandonment of a Production Zone

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. 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, or a 5M system for a well not deeper than 22,727 feet (all depths are for measured well depth).
3. 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.
4. Cement Requirement: Sufficient cement shall be used to bring any required plug to the approved 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. 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. Before pumping cement on top of CIBP, a 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.
5. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file a Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed. If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
6. 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.
7. If well location is within the Timing Limitation Stipulation Area 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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 435124

CONDITIONS

Operator: LH Operating, LLC 27120 Fulshear Bend Drive Fulshear, TX 77441	OGRID: 329319
	Action Number: 435124
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify OCD Inspector 24 hrs prior to work.	5/2/2025
ward.rikala	Passing MIT test in accordance with 19.15.26.11 NMAC.	5/2/2025
ward.rikala	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	5/2/2025
ward.rikala	New plug back total depth is required on C-103R.	5/2/2025
ward.rikala	Submit C-104 showing new perf interval.	5/2/2025