

Well Name: HUDSON FEDERAL	Well Location: T16S / R31E / SEC 18 / NENE / 32.8385922 / -103.9047592	County or Parish/State: EDDY / NM
Well Number: 11	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001528962	Operator: LH OPERATING LLC	

Notice of Intent

Sundry ID: 2830024

Type of Submission: Notice of Intent	Type of Action: Plug Back
Date Sundry Submitted: 01/06/2025	Time Sundry Submitted: 10:22
Date proposed operation will begin: 02/06/2025	

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Hudson\_Federal\_11\_Wellbore\_Schematic2\_20250106102200.pdf
- Hudson\_Federal\_11\_Proposed\_Schematic\_20250106102200.pdf
- Hudson\_Federal\_11\_\_Summarized\_Well\_History\_20250106102201.pdf
- Hudson\_Federal\_11\_NMOCD\_Procedure\_to\_ReComplete\_to\_Seven\_Rivers\_20250106102200.pdf

Received by OCD: 2/25/2025 11:03:40 AM

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Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001528962	Operator: LH OPERATING LLC	

Conditions of Approval

Specialist Review

Plugback\_COA\_20250222094025.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 10:22 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**  
**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.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	
11. Country or Parish, State	

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

1. Type of Well		
<input type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
2. Name of Operator		
3a. Address	3b. Phone No. (include area code)	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		

**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: NENE / 0 / 0 / TWSP: 16S / RANGE: 31E / SECTION: 18 / LAT: 32.8385922 / LONG: -103.9047592 ( TVD: 0 feet, MD: 0 feet )

BHL: NENE / 0 / 0 / TWSP: 16S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

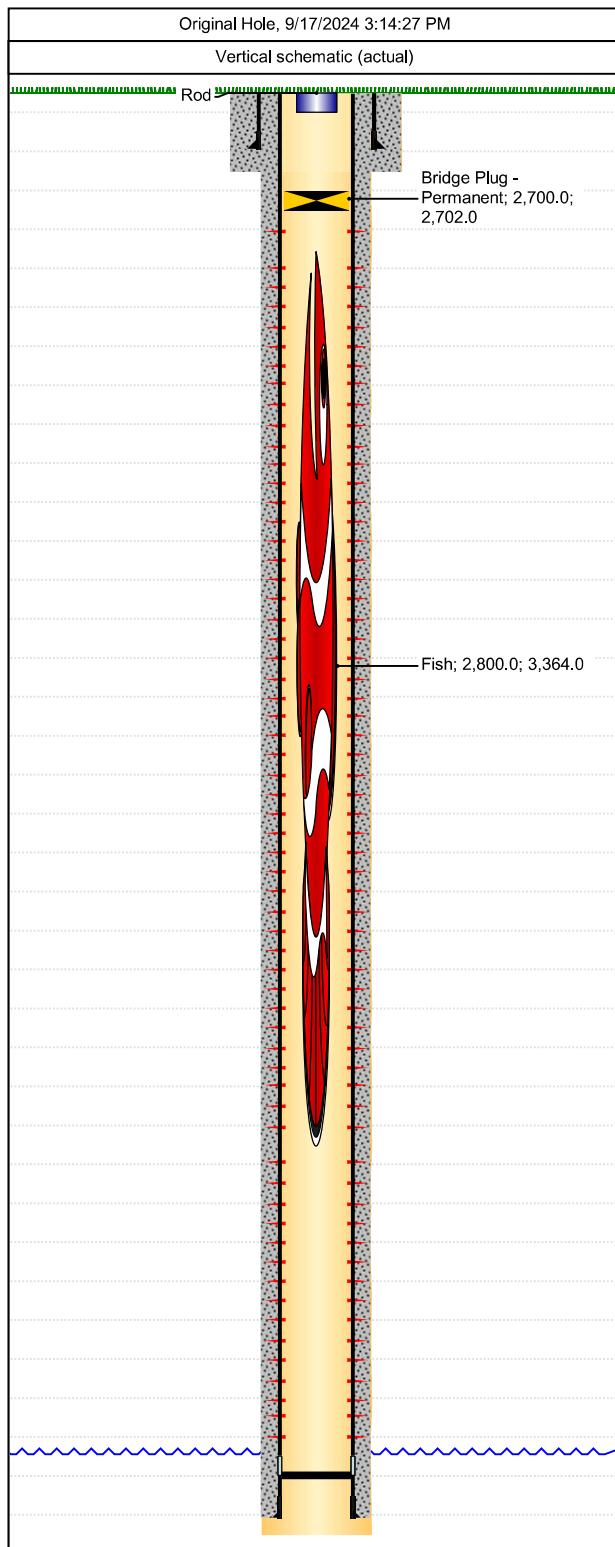


## Downhole Well Profile

Well Name: HUDSON FEDERAL 11

API/UWI 3001528962	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,711.00	KB-Tubing Head Distance (ft)	Initial Spud Date 5/27/1996 18:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,754.0	Total Depth All (TVD) (ftKB)

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



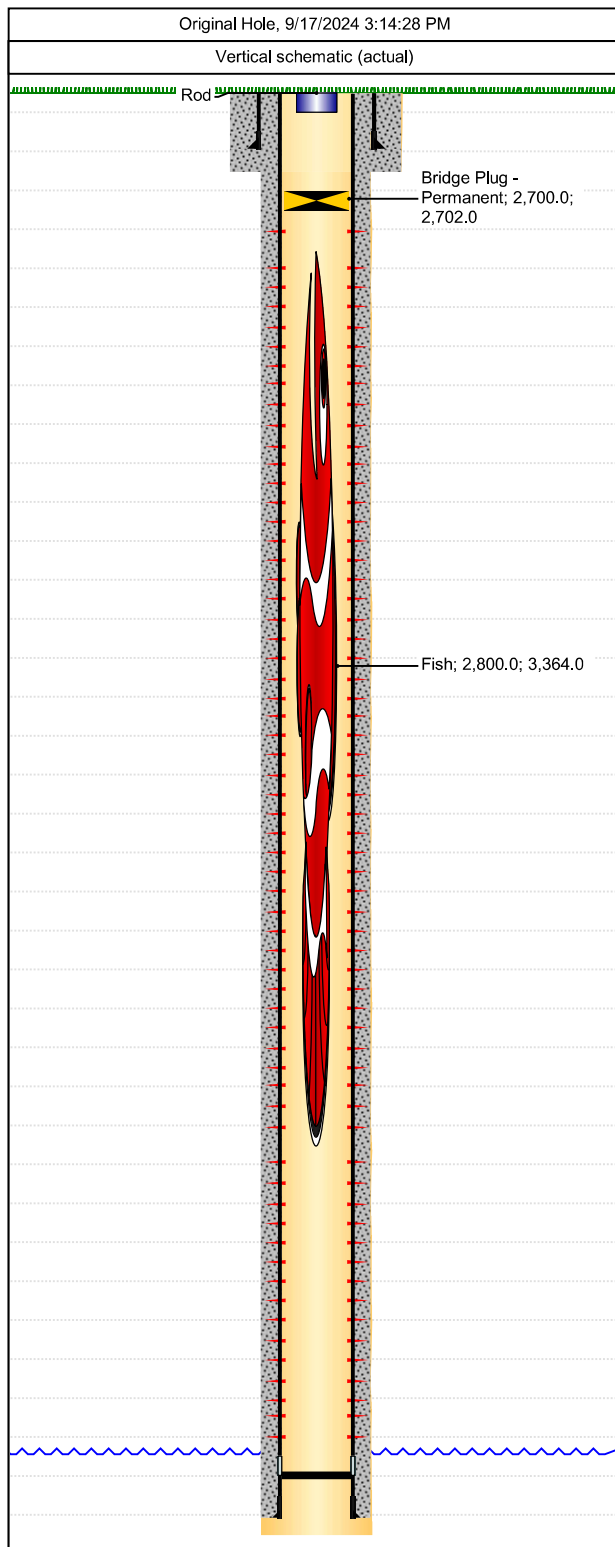
Casing Strings					
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	8 5/8	24.00	J-55		432.0
Production	5 1/2	15.50	J-55		3,799.0
Perforations					
Date	Top (ftKB)	Btm (ftKB)	Linked Zone		
	2,799.0	2,799.0			
	2,801.0	2,801.0			
	2,805.0	2,805.0			
	2,807.0	2,807.0			
	2,832.0	2,832.0			
	2,834.0	2,834.0			
	2,886.0	2,886.0			
	2,888.0	2,888.0			
	2,890.0	2,890.0			
	2,925.0	2,925.0			
	2,927.0	2,927.0			
	2,929.0	2,929.0			
	2,950.0	2,950.0			
	2,952.0	2,952.0			
	2,956.0	2,956.0			
	3,029.0	3,029.0			
	3,032.0	3,032.0			
	3,037.0	3,037.0			
	3,039.0	3,039.0			
	3,055.0	3,055.0			
	3,059.0	3,059.0			
	3,061.0	3,061.0			
	3,112.0	3,112.0			
	3,114.0	3,114.0			
	3,116.0	3,116.0			
	3,120.0	3,120.0			
	3,122.0	3,122.0			
	3,153.0	3,153.0			
	3,179.0	3,179.0			
	3,182.0	3,182.0			
	3,193.0	3,193.0			
	3,195.0	3,195.0			
	3,201.0	3,201.0			
	3,203.0	3,203.0			
	3,207.0	3,207.0			
	3,209.0	3,209.0			
	3,303.0	3,303.0			
	3,305.0	3,305.0			
	3,313.0	3,313.0			
	3,319.0	3,319.0			
	3,333.0	3,333.0			
	3,335.0	3,335.0			
	3,344.0	3,344.0			
	3,346.0	3,346.0			
	3,351.0	3,351.0			
	3,363.0	3,363.0			
	3,365.0	3,365.0			



## Downhole Well Profile

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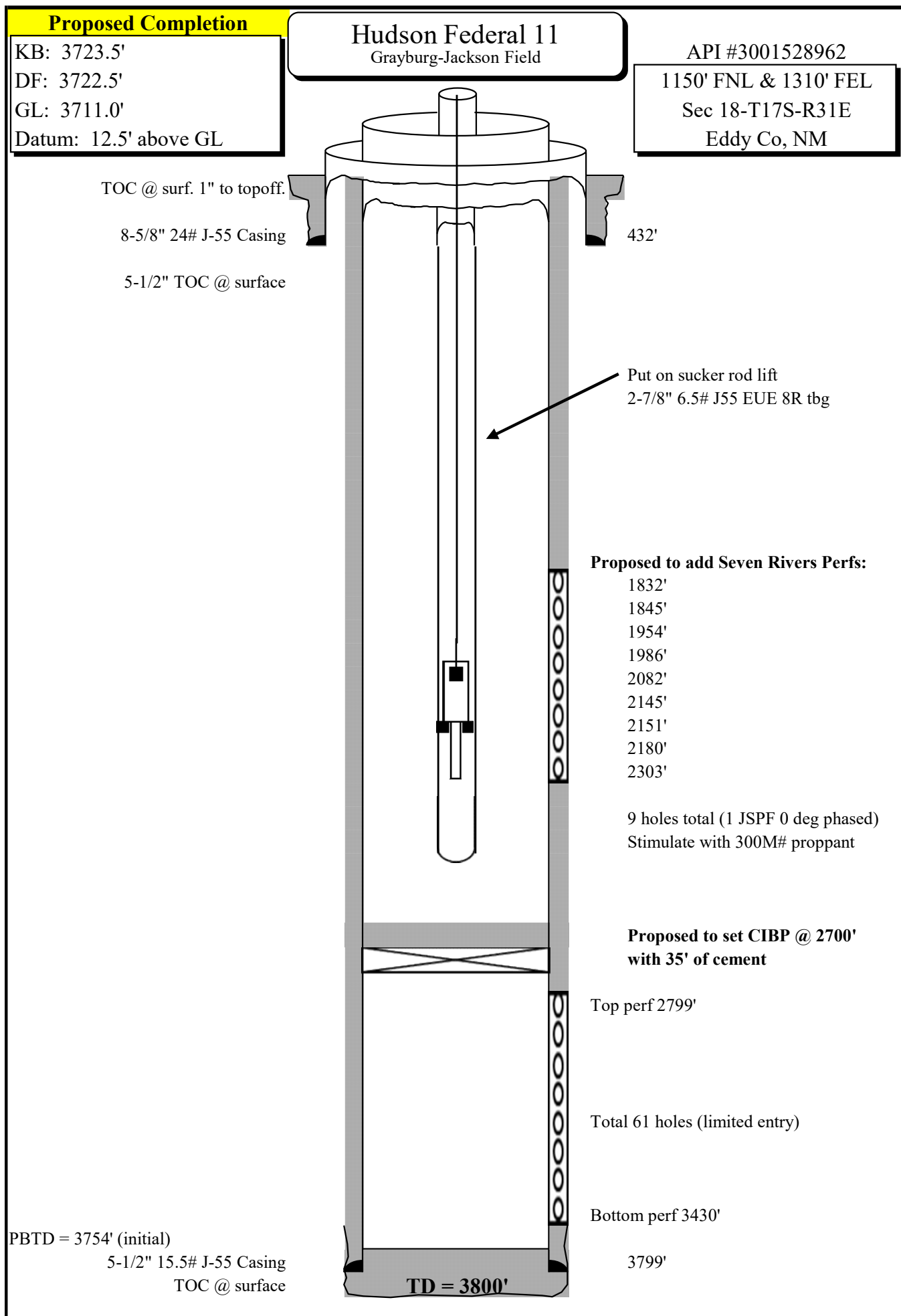
API/UWI 3001528962	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
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Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
	3,368.0	3,368.0	
	3,372.0	3,372.0	
	3,374.0	3,374.0	
	3,376.0	3,376.0	
	3,378.0	3,378.0	
	3,398.0	3,398.0	
	3,400.0	3,400.0	
	3,402.0	3,402.0	
	3,417.0	3,417.0	
	3,419.0	3,419.0	
	3,424.0	3,424.0	
	3,426.0	3,426.0	
	3,428.0	3,428.0	
	3,430.0	3,430.0	

Tubing Strings							
Tubing Description Tubing	Run Date 5/29/2024	String Length (ft) 327.00	Set Depth (ftKB) 327.0				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	10		T&C Upset	2 7/8	6.50	J-55	327.00

Rod Strings							
Rod Description Rod	Run Date 5/29/2024	String Length (ft) 0.00	Set Depth (ftKB) 0.0				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)







## Daily Activity and Cost Summary

Well Name: HUDSON FEDERAL 11

API/UWI 3001528962	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,711.00	KB-Tubing Head Distance (ft)	Initial Spud Date 5/27/1996 18:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,754.0	Total Depth All (TVD) (ftKB)

Job Category Workover/Maint	Primary Job Type Tubing	Secondary Job Type Repair / Replace	Status 1
AFE Number	Start Date 7/31/2013	End Date 8/2/2013	Total AFE Amount (Cost)

Objective  
Repiar / Replace bad tubign discovered when testing---Replace down hole pump--RTP

Summary

Contractor Aztec Well Service	Rig Number #488 Rudy	Rig Type
Contractor Aztec Well Servicing Co INC	Rig Number 450-Rusty	Rig Type

Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	7/31/2013	7/31/2013	830.00	830.00	MIRU LD HH and PR Shut down-drive to yard
2.0	8/1/2013	8/1/2013	6,307.00	7,137.00	TOH with rods and pump---TOH with tubing---Test tubing in hole 88 joints 2-7/8 ---TAC--21 joints 2 7/8---SN---4' perf sub---mud anchor replace 2 joints above SN--- TIH with 26 ' PR---48 7/8 rods---75 3/4 rods 12 7/8 rods---16' pump---12' gas anchor
3.0	8/2/2013	8/2/2013	694.00	7,831.00	Drive to location-Safety meting/JHA-check pump action-Rig down



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 11**

API/UWI 3001528962	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,711.00	KB-Tubing Head Distance (ft)	Initial Spud Date 5/27/1996 18:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,754.0	Total Depth All (TVD) (ftKB)

Job Category Workover/Maint	Primary Job Type Artificial Lift	Secondary Job Type Repair/Replace Rod	Status 1
AFE Number	Start Date 9/13/2013	End Date 9/17/2013	Total AFE Amount (Cost)

Objective  
Fish broken rod--replace all bad rods--replace down hole pump--RTP

Summary

Contractor Aztec Well Service	Rig Number #488-Rudy	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	9/13/2013	9/14/2013	2,530.00	2,530.00	MIRU--pull rods found parted rod 17 rods down-RIH with fishing tool-caught fish-pulled remaining rods and pump. lay down 16-7/8 bad rods--drop standing valve tubing tested ok--secure well and shut down
2.0	9/16/2013	9/16/2013	4,749.00	7,279.00	Drive to location --safety meeting--RIH with rods and pump--pump hung up on unknown--POH-RIH with paraffin knife and happy tool found no obstructions--RIH again with pump and again hung up at the same depth--POH 7 joints of tubing to replace the bad area-anchor would not set--POH with all tubing--Secure well and shut down.
3.0	9/17/2013	9/17/2013	4,600.00	11,879.00	drive to location--Safety meeting/JSA--TIH with 89 joints 2-7/8 tubing-TAC-20 joints 2-7/8 -Seat Nipple-4'Perf Sub-MUd joint w/BP--TIH with 1-1/4x26' PR--2-2',1-4',1-6',1-8' 7/8 sub--47-7/8 rods--48-3/4 rods--12-1-1/2 K-bars 16' pump 12' gas anchor. PU HH and PR -Space well-check pump action/Good-RDMO.
4.0	9/17/2013	9/18/2013	4,600.00	16,479.00	



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 11**

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Original KB Elevation (ft) 3,711.00	KB-Tubing Head Distance (ft)	Initial Spud Date 5/27/1996 18:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,754.0	Total Depth All (TVD) (ftKB)

Job Category Workover/Maint	Primary Job Type Artificial Lift	Secondary Job Type Repair/Replace Rod	Status 1
AFE Number	Start Date 5/28/2014	End Date 5/30/2014	Total AFE Amount (Cost)

Objective  
replace bad rods-test tubing-replace pump--RTP

Summary

Contractor Aztec Well Servicing Co INC	Rig Number 450--Rusty	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	5/28/2014	5/28/2014	1,881.23	1,881.23	5-28-14 1:00 pm on location LUNCH 1:40 pm rig up 2:35 pm remove horse's head Looks to be parted deep 2:55 pm POOH w/ rods parted 86th.  Rod from surface body break 3:20 pm RIH w/ baby red to fish 3/4" body break 4:00 pm could not get a hold of fish POOH w/ rods 4:30 pm out w/  Nothing RU to pull tbg. In the AM close well in & shut down
2.0	5/29/2014	5/29/2014	4,167.03	6,048.26	5-29-14 wait on flow back tank on location @ 10:30 am NDWH. Release TAC NUBOP & Pan POOH w/ tbg. To rods. RU to pull pump & Rods OOH w/ tbg. Close well in & shut down will test tbg. In the AM.
3.0	5/30/2014	5/30/2014	6,607.00	12,655.26	5-30-14 bleed well down MI&RU D&G testers all tbg. Tested good NDBOP & Pan set TAC @ 2778 w/ 13 pts. Tension NUWH RU to run pump & Rods. Pump down & spaced out. 11:30 am LUNCH 12:25 pm rig down clean up. & move to MC Clay Fed. #7



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 11**

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Job Category Completion/Workover	Primary Job Type Completion	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 5/2/2022	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 7	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	5/2/2022	5/2/2022	2,560.00	2,560.00	CREW TO LOCATION, PJSM, JSA, MIRU WO, LOTTO, UN HANG HEAD, PU 7/8 ROD, WAS ABLE TO UNSEAT PUMP, LD2 RODS, SECURE WELL, SDON
2.0	5/3/2022	5/3/2022	11,160.00	13,720.00	CREW TO LOCATION, PJSM, JSA, OOH WITH SUBS 4', 8', 8', 6', 4', AFTER THAT 89 X 7/8 D RODS, 70 X 3/4 D RODS AND HAD PIN ON THE 70TH ROD BUT ROD HAD CORRIDED OFF, ND WELL HEAD NU BOP, TAGGED WITH 83' PRIOR TO OOH, TOO H WITH 89 X 2 7/8 JTS, 5 1/2 TAC, 20 X 2 7/8 JTS, SN, 4' PERF SUB, 1 X BPMA WITH ONLY 8' OOH DUE TO HAVING LOTS OF HOLES ON BTM JTS, STRIPPED OUT RODS AS WELL TOTAL 3/4 RODS X 75, WITH 12 X 1 1/2 K BARS, DUE TO THE PITTED RODS HAD TO LD 11 X 3/4 RODS, AS WELL AS 36 2 7/8 JTS, MIRU HYDRO TESTERS DID NOT LD ANY MORE JTS, TIH WITH 1 X BPMA, 4' SLOTTED SUB, SN, 20 X 2 7/8 JTS, TAC, 89 X 2 7/8 JTS, DID NOT GET PUMP BACK IN TIME DUE TO STUCK IN TBG, ND BOP NU WELL HEAD, SECURE WELL, SDON
3.0	5/4/2022	5/4/2022	3,560.00	17,280.00	CREW TO LOCATION, PJSM, JSA, RIH WITH 2.5 X 2.0 X 20' PUMP, 12 X 1 1/2 K BARS, 74 X 3/4 D RODS, 50' X 7/8D RODS, 8', 6' X 7/8 SUBS, HAD TO SWAP 48 BOXES ON 3/4 RODS DUE TO WORN, HANG WELL ON LOAD TBG CHECK PUMP ACTION 2 STROKES 500PSI, UNIT LEFT OFF, RDMO WO, TOTP



## Daily Activity and Cost Summary

Well Name: HUDSON FEDERAL 11

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Original KB Elevation (ft) 3,711.00	KB-Tubing Head Distance (ft)	Initial Spud Date 5/27/1996 18:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,754.0	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Workover	Secondary Job Type Tubing and Rod Repair / WL CIBP	Status 1
AFE Number	Start Date 5/29/2024	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 5	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	5/29/2024	5/29/2024	5,000.00	5,000.00	CREW TO LOCATION, MIRU WO HAD TO FIX AIR LINE ON RIG UP ON DERRICK, LD HEAD, TRIED TO UNSEAT PUMP BUT ONLY WAS GETTING ABOUT 5POINTS, OOH WITH RODS TO SEE WHAT WE HAVE, SUBS 8',4', 49 X 7/8 D RODS, 62 X ¾ D RODS, BODY BREAK ON 63 WITH 17', LOTS OF PARAFFIN ON RODS, TOTAL LEFT ON BTM WAS 11 X ¾ RODS WITH 12 X KBARS & PUMP 595' OF RODS, ND WELL HEAD NU BOP, TRIED TO UNSEAT TAC WAS NOT GETTING ANY INDICATOR WE HAD IT STILL SET, COULD NOT GO DOWN BUT ONLY GETTING 12POINTS ON TBG, OOH TO SEE WHAT WE HAD BUT WERE SURE WE DIDN'T HAVE ALL OF BHA, OOH WITH 88 X 2 7/8 JTS, TOTAL LEFT ON BTM 1 X 2 7/8 JT, 5 ½ TAC, 20 X 7/8 JTS, 2 7/8 SN, 4' SLOTTED SUB, 1 BPMA, ABOUT 710' +/-, LENTGTH OF RODS OOH = 2,804', LENGTH OF TBG OOH = 2,790' SECURE WELL SDON
2.0	5/30/2024	5/30/2024	14,450.00	19,450.00	CREW TO LOCATION, MIRU WL WITH JUNK BASKET 4.5', CCL 2' ROPE SOCKET 11", RIH ABOUT 200' MOVED SLOW ONCE PAST THAT SPOT STARTED TO MOVE @ 150 FPM UNTIL WE GOT TO 2,350' - 2,360' COULD NOT GO DOWN TRIED TO COME UP WAS NOT MOVING VERY MUCH ABOUT 40', MIRU HOT OILER TRIED TO PUSH PAST DEBRIS BY PUMPING ON IT, AFTER 10 BBLs TRIED TO COME UP & DOWN BUT WAS NOT MAKING ANY HEAD WAY, CONTINUED TO PUMP @ 0.2BPM WITH 20GALS OF 3012, 5GALS OF BIO, & 5 OF SOAPY WATER, HOT OILER WAS HAVING ISSUES STAYING AT 220 °, KEPT DROPPING DUE TO POP OFF ON TRUCK TO BE ABLE TO CONTROL TEMP. UNFORTUNATLEY IT WOULD NOT MAINTAIN, WORKED IT FOR A BIT AND KEPT TAILING OFF, BROUGHT IN SECOND TRUCK TO KEEP FIRE ON FINALLY KEPT IT STEADY, AFTER 110 BBLs DECIDED TO WORK WL IT WAS SITTING DOWN ON PARAFFIN, CAME UP TO 1,500 ON TENSION THEN SAT BACK DOWN STARTED TO WALK UP TO 1,800 TO 2,000 KEPT SITTING DOWN ON IT, MAX WAS 2,500 ON TENSION, PU SLOWLY TO 2,200 & IT CAME OUT OF THE ROPE SOCKET, CHECKED ONCE ON SURFACE AND CONFIRMED IT, SECURE WELL SDON
3.0	5/31/2024	5/31/2024	16,150.00	35,600.00	CREW TO LOCATION, PJSM, JSA, MIRU FISHING RENTAL TOOL UPPER EXTENSION WITH 3 1/8 GRAPPLE WITH CUT LIP GUIDE, INSPECTED GRAPPLE BEFORE PUT INTO BOWL, MU RU ON FLOOR, TIH WITH 71 JTS TO 2,300', MIRU HOT OILER TO CLEAN TOP OF FISH PUMPED @ 1.5 BPM WITH 220° FRESH WATER WITH CHEMICALS, WENT DOWN TO LATCH ON PUSH FISH TO 2,730', PUT DOWN 5K ON CAME UP GAINED 1K THEN WENT BACK DOWN WAS TAGGING HARD, DID NOT HAVE ANY MORE WATER, SENT HOT OILER FOR FRESH & OOH WITH BHA TO CHECK IF WE HAVE FISH, ONCE ON SURFACE DID NOT HAVE ANYTHING, PUT ON ANOTHER GRAPPLE TIH TO TRY IT AGAIN, ONCE @ 2,700' STARTED TO PUMP 1.5 BPM 20 BBLs HOT AT 220° THEN 20 BBLs COOL, WENT DOWN TO LATCH ON FELT WE HAD BUT KEPT GOING DOWN, PU WENT DWON TO 2,800', PUSH DOWN OTHER FISH TO BTM, RU HOT OILER AS SOON PUMP KICKED ON CAME UP TO 350 PSI TRIED THIS TWICE, SAW ABOUT 1K ON WIEGHT INDICATOR, OOH TO CONFIRM IF WE LATCHED ON, ONCE ON SURFACE CAME UP EMPTY, NOTIFIED CHAIN OF COMMAND DECISION WAS TO LEAVE TOOL ON BTM, PU MU BIT & SCAPPER OD @ 4 ¾ TIH WITH 88 X 2 7/8 JTS WENT TO 2,800' +/- WITH NO ISSUES, TOO H STAND BACK TBG RD TOOLS, SECURE WELL SDOW
4.0	6/3/2024	6/3/2024	25,930.00	61,530.00	CREW TO LOCATION, PJSM, JSA, MIRU JSI WL, MU CIBP RIH TO 2,700' LOOKED GOOD NO COLLAR AROUND & SET PLUG, OOH WITH WL MU BAILER WITH 2 SAKS OF CEMENT WILL MAKE UP 20' OF CEMENT, RIH BREAK GLASS SET ON TOP OF CIBP, RDMO WL, LD 2 7/8 JTS IN DERRICK, ALSO LD ALL RODS IN DERRICK, MU WITH 5 X 2 7/8 JTS LEFT IN WELL WITH IT, PUT ON PUMPING T AND VALVE ALSO TOP OF CSG WAS LOOSE PRIOR TO DO ANY WORK ON SVR OF COMPLETIONS WILL NEED TO WORK ON TOP OF CSG & REPLACE, RDMO WO SECURE WELL SDON

Hudson Federal 11  
Eddy Co., NM  
API# 30-015-28962  
Procedure to Recomplete to the Seven Rivers Intervals  
12/09/24

Objective: Recomplete from Grayburg- San Andres intervals from 2799'...3430' to the Seven Rivers intervals, 1832'...2303'. 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 @ 2700' and test. Dump bail 35' of cement on top of CIBP.
7. GIH and perforate Seven Rivers intervals @ 2303', 2180', 2151', 2145', 2082', 1986', 1954', 1845', and 1832' (1 shot per foot a total of 9 holes).
8. RIH with packer and 3-1/2" work string. Set packer at 1750'.
9. Install valve on 3-1/2" tbg.
10. Stimulate Seven Rivers intervals, 1832'... 2303'.
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 1<sup>st</sup> through June 15<sup>th</sup> 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 435126

CONDITIONS

Operator: LH Operating, LLC 27120 Fulshear Bend Drive Fulshear, TX 77441	OGRID: 329319
	Action Number: 435126
	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