

Well Name: HUDSON FEDERAL	Well Location: T17S / R31E / SEC 17 / NWNW / 32.8414138 / -103.897927	County or Parish/State: EDDY / NM
Well Number: 14	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001531251	Operator: LH OPERATING LLC	

Notice of Intent

Sundry ID: 2830009

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: 09:51

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Hudson\_Federal\_14\_Wellbore\_Schematic4\_20250106095103.pdf
- Hudson\_Federal\_14\_NMOCD\_Procedure\_to\_ReComplete\_to\_Seven\_Rivers\_20250106095102.pdf
- Hudson\_Federal\_14\_Proposed\_Schematic\_20250106095103.pdf
- Hudson\_Federal\_14\_\_Summarized\_Well\_History\_20250106095103.pdf

Received by OCD: 2/25/2025 11:08:16 AM

Page 2 of 15

Well Name: HUDSON FEDERAL	Well Location: T17S / R31E / SEC 17 / NWNW / 32.8414138 / -103.897927	County or Parish/State: EDDY / NM
Well Number: 14	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001531251	Operator: LH OPERATING LLC	

Conditions of Approval

Specialist Review

Plugback\_COA\_20250222100230.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 09:51 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
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <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

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		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	

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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: NWNW / 130 FNL / 790 FWL / TWSP: 17S / RANGE: 31E / SECTION: 17 / LAT: 32.8414138 / LONG: -103.897927 ( TVD: 0 feet, MD: 0 feet )

BHL: NWNW / 130 FNL / 790 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

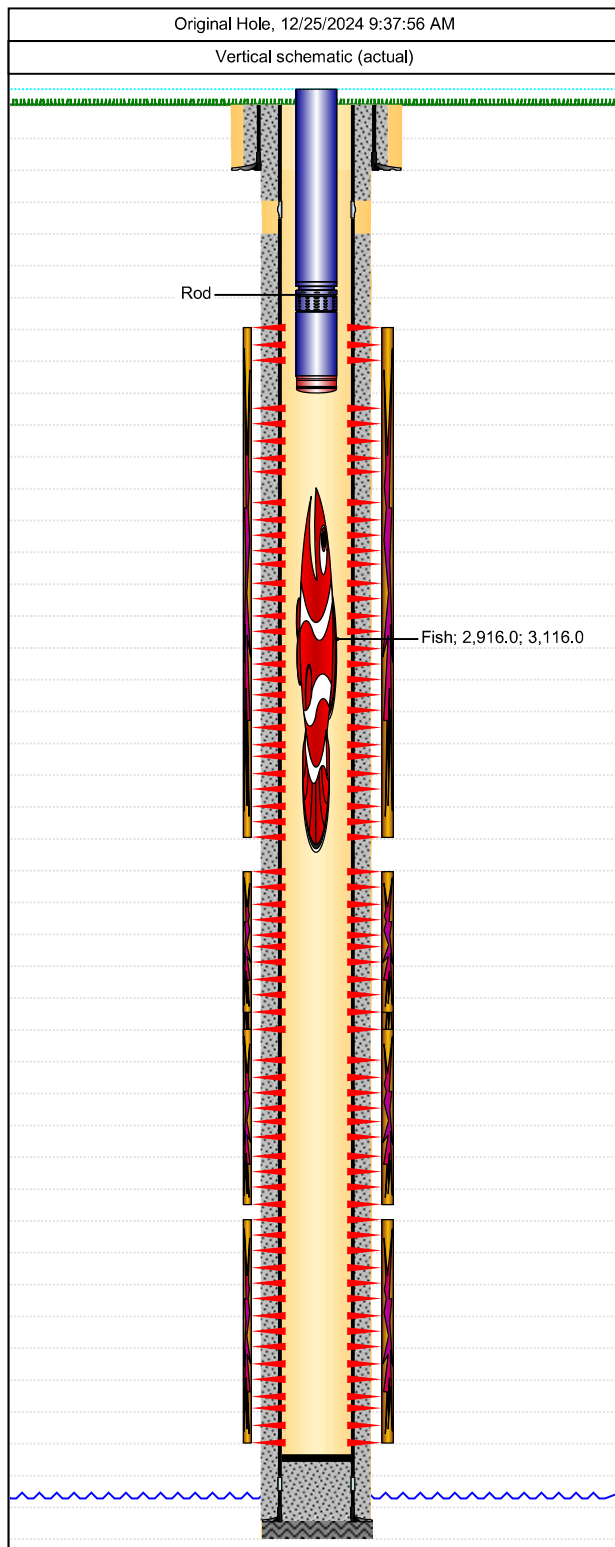


## Downhole Well Profile

Well Name: HUDSON FEDERAL 14

API/UWI 3001531251	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,716.00	KB-Tubing Head Distance (ft)	Initial Spud Date 7/10/2000 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,674.0	Total Depth All (TVD) (ftKB)

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



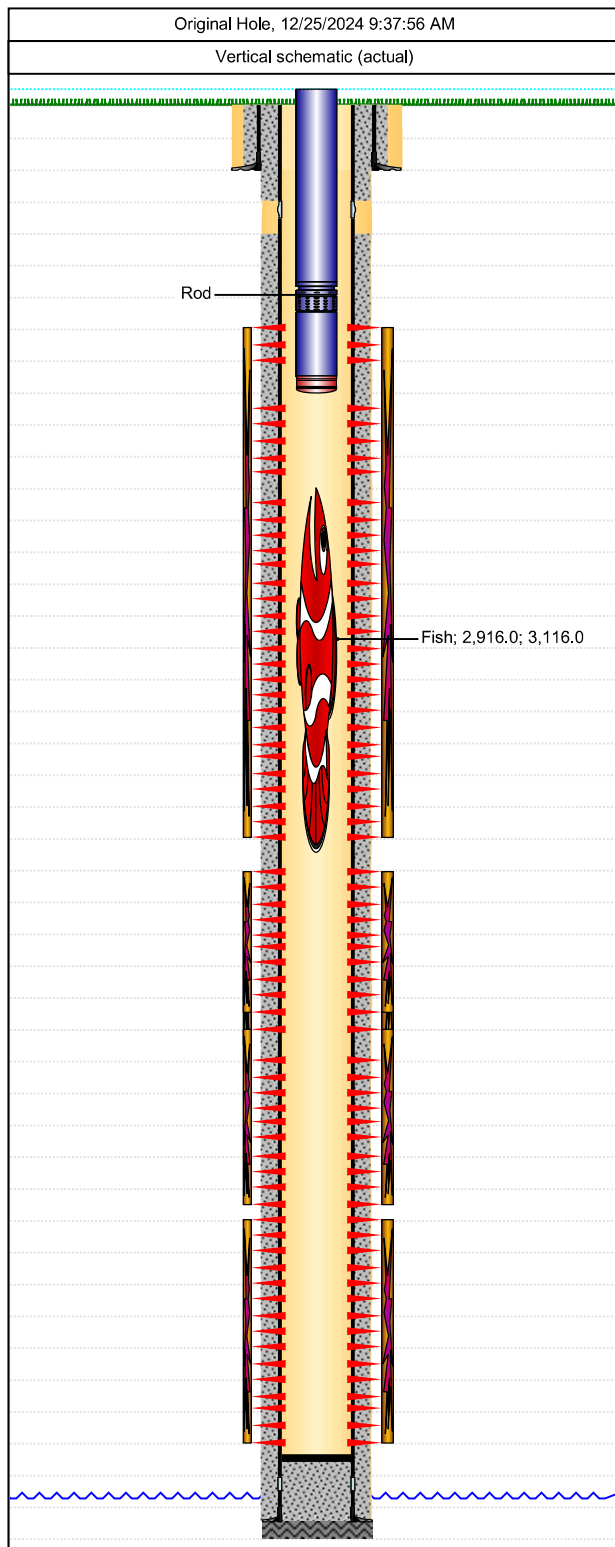
Casing Strings					
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	8 5/8	24.00	J-55		376.0
Production	5 1/2	15.50	J-55	LT&C	3,739.0
Perforations					
Date	Top (ftKB)	Btm (ftKB)	Linked Zone		
7/17/2000	2,852.0	2,852.0			
7/17/2000	2,856.0	2,856.0			
7/17/2000	2,857.0	2,857.0			
7/17/2000	2,871.0	2,871.0			
7/17/2000	2,872.0	2,872.0			
7/17/2000	2,881.0	2,881.0			
7/17/2000	2,882.0	2,882.0			
7/17/2000	2,883.0	2,883.0			
7/17/2000	2,934.0	2,934.0			
7/17/2000	2,935.0	2,935.0			
7/17/2000	2,936.0	2,936.0			
7/17/2000	2,970.0	2,970.0			
7/17/2000	2,971.0	2,971.0			
7/17/2000	2,996.0	2,996.0			
7/17/2000	2,999.0	2,999.0			
7/17/2000	3,000.0	3,000.0			
7/17/2000	3,001.0	3,001.0			
7/17/2000	3,029.0	3,029.0			
7/17/2000	3,030.0	3,030.0			
7/17/2000	3,031.0	3,031.0			
7/17/2000	3,058.0	3,058.0			
7/17/2000	3,059.0	3,059.0			
7/17/2000	3,071.0	3,071.0			
7/17/2000	3,072.0	3,072.0			
7/17/2000	3,073.0	3,073.0			
7/17/2000	3,077.0	3,077.0			
7/17/2000	3,083.0	3,083.0			
7/17/2000	3,084.0	3,084.0			
7/17/2000	3,101.0	3,101.0			
7/17/2000	3,102.0	3,102.0			
7/17/2000	3,152.0	3,152.0			
7/17/2000	3,153.0	3,153.0			
7/17/2000	3,154.0	3,154.0			
7/17/2000	3,155.0	3,155.0			
7/17/2000	3,156.0	3,156.0			
7/17/2000	3,157.0	3,157.0			
7/17/2000	3,158.0	3,158.0			
7/17/2000	3,159.0	3,159.0			
7/17/2000	3,160.0	3,160.0			
7/17/2000	3,161.0	3,161.0			
7/17/2000	3,235.0	3,235.0			
7/17/2000	3,270.0	3,270.0			
7/17/2000	3,271.0	3,271.0			
7/17/2000	3,385.0	3,385.0			
7/17/2000	3,408.0	3,408.0			
7/17/2000	3,409.0	3,409.0			
7/17/2000	3,410.0	3,410.0			

## WellView®

## Downhole Well Profile

Well Name: HUDSON FEDERAL 14

API/UWI 3001531251	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,716.00	KB-Tubing Head Distance (ft)	Initial Spud Date 7/10/2000 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,674.0	Total Depth All (TVD) (ftKB)



Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
7/17/2000	3,411.0	3,411.0	
7/17/2000	3,412.0	3,412.0	
7/17/2000	3,414.0	3,414.0	
7/17/2000	3,415.0	3,415.0	
7/17/2000	3,479.0	3,479.0	
7/17/2000	3,480.0	3,480.0	
7/17/2000	3,519.0	3,519.0	
7/17/2000	3,520.0	3,520.0	
7/17/2000	3,532.0	3,532.0	
7/17/2000	3,537.0	3,537.0	
7/17/2000	3,538.0	3,538.0	
7/17/2000	3,541.0	3,541.0	
7/17/2000	3,542.0	3,542.0	
7/17/2000	3,543.0	3,543.0	
7/17/2000	3,547.0	3,547.0	
7/17/2000	3,552.0	3,552.0	
7/17/2000	3,553.0	3,553.0	
7/17/2000	3,556.0	3,556.0	
7/17/2000	3,557.0	3,557.0	

Tubing Strings							
Tubing Description	Run Date	String Length (ft)		Set Depth (ftKB)			
Tubing	2/19/2024	2,859.10		2,860.0			
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	90		T&C Upset	2 7/8	6.50	J-55	2,822.00
Pump Seating Nipple	1			2 7/8			1.10
Perforated Joint	1			2 7/8			4.00
Tubing	1		T&C Upset	2 7/8	6.50	J-55	31.25
Bull Plug	1			2 7/8			0.75

Rod Strings							
Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)			
Rod	2/15/2024	2,795.00		2,824.0			
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Sucker Rod	37	Norris	Grade 54	7/8	2.22	D	925.00
Sucker Rod	62	Norris	Grade 54	3/4	1.63	D	1,650.00
Sinker Bar	12	Norris	Grade 78	1 1/2	6.01	D	200.00
2.5 X 1.5 X 20 RHBC PUMP	1			2 1/2			20.00

Hudson Federal 14

Eddy Co., NM

API# 30-015-31251

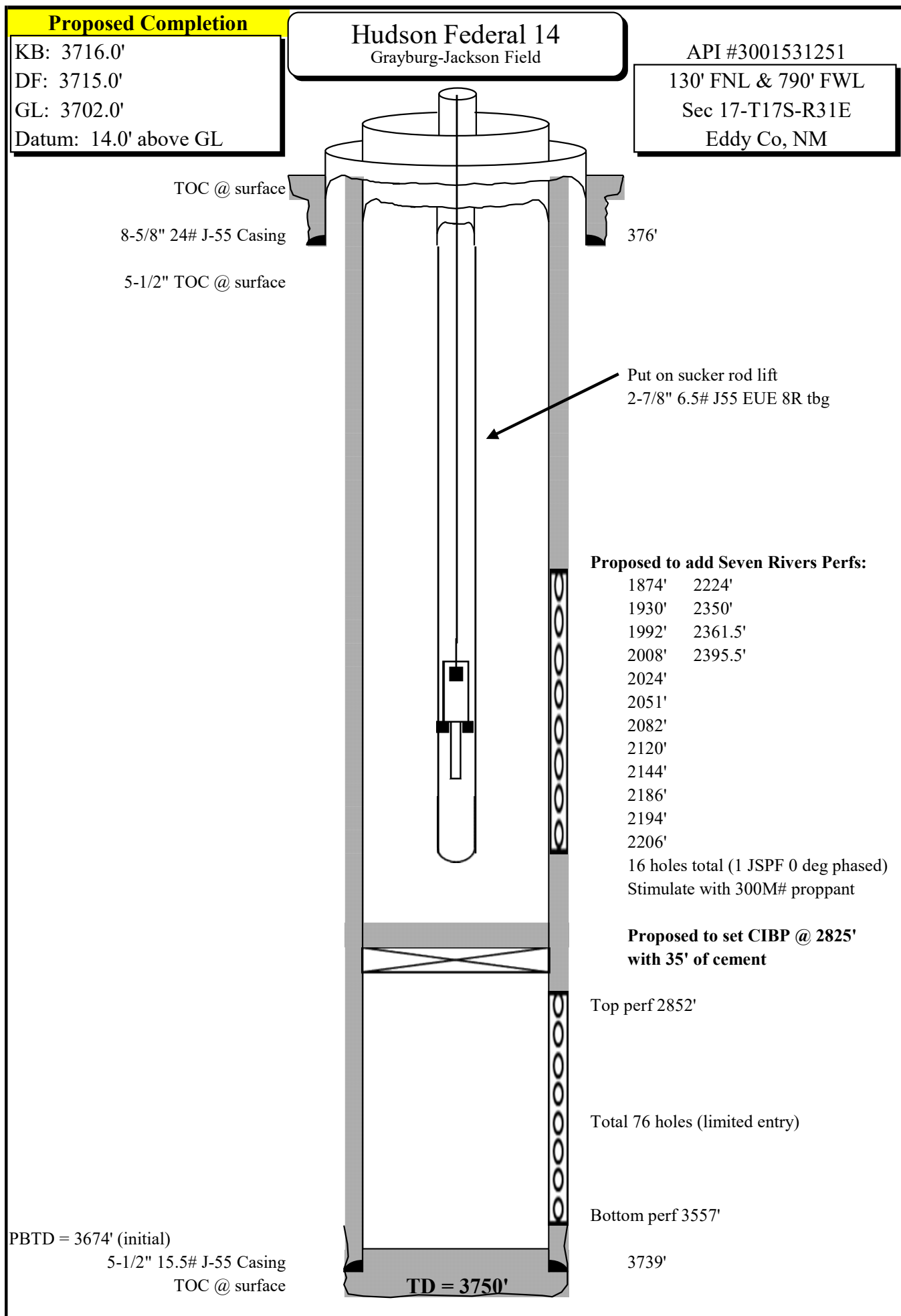
Procedure to Recomplete to the Seven Rivers Intervals

12/09/24

Objective: Recomplete from Grayburg- San Andres intervals from 2852'...3557' to the Seven Rivers intervals, 1874'...2395.5'. 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 @ 2825' and test. Dump bail 35' of cement on top of CIBP.
7. GIH and perforate Seven Rivers intervals @ 2395.5', 2361.5', 2350', 2224', 2206', 2194', 2186', 2144', 2120', 2082', 2051', 2024', 2008', 1992', 1930', and 1874' (1 shot per foot a total of 16 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, 1874'... 2395.5'.
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.







## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 14**

API/UWI 3001531251	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,716.00	KB-Tubing Head Distance (ft)	Initial Spud Date 7/10/2000 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,674.0	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Pump Repair	Secondary Job Type Tubing Repair	Status 1
AFE Number	Start Date 7/23/2021	End Date 7/27/2021	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 7	Rig Type Completion/Workover
------------------------	-----------------	---------------------------------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	7/23/2021	7/23/2021	3,200.00	3,200.00	MIRU WSU, PJSM, JSA, LOTO, UNHANG WELL, UNSEAT PUMP, TOO H WITH RODS AND PUMP, TOO H WITH RODS ANDPUMP, SECURE WELL
2.0	7/26/2021	7/26/2021	14,300.00	17,500.00	CREW TO LOCATION, PJSM, JSA, ND WELLHEAD, RELEASE TAC, NU AND FUNCTION TEST BOP, TOO H WITH TBG, LD TAC, BHA, HYDROTEST IN HOLE WITH 1 JT 2 7/8 BPMA, 4' X 2 7/8 SLOTTED SUB, 2 7/8 SEAT NIPPLE, , 90 JTS 2 7/8 TBG, NO LEAKS, ( EOT @ 2838' KB, SN @ 2802' KB, NO TAC ), ND BOP, FLANGE WELL UP, ACIDIZE VIA 2 7/8 TBG WITH 2,000 GALS 15% ACID, AVG RATE 3.6 BPM @ AVG PRESSURE 836 PSI, FLUSH WITH 40 BBLS WATER, ISIP 1453 PSI, 5 MIN 962 PSI, 10 MIN754 PSI, 15 MIN 636 PSI, SECURE WELL, SDON
3.0	7/27/2021	7/27/2021	1,600.00	19,100.00	CREW TO LOCATION, PJSM, JSA, TIH WITH 2.5 X 1.5 X 20' RHBC PUMP, 12 X 7/8 D RODS, 62 X 3/4 D RODS, 39 X 7/8 D RODS, SPACE OUT WITH 8' X 7/8 ROD SUBS, HANG WELL ON, LOAD TBG, CHECK PUMP ACTION, RDMO WSU, TOTP



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 14**

API/UWI 3001531251	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,716.00	KB-Tubing Head Distance (ft)	Initial Spud Date 7/10/2000 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,674.0	Total Depth All (TVD) (ftKB)

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

Objective  
Replace pump

Summary

Contractor	Rig Number	Rig Type
------------	------------	----------

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	11,398.00	11,398.00	Crew arrived on location. Held PJSM, JSA. MIRU LCH #81. With RU completed, MIRU Arts Hot Oiler and tested 2 7/8" tbg to 400 psi. Monitored X's 15 minutes. Good test. RD Hot Oiler. Remove Head from pumping unit. Remove 1 1/4" x 26' Polish Rod. Unseated pump, ND WH and TOO H w/10' x 7/8" Sub, 37-7/8" D Rods, 62-3/4" D Rods, 12-7/8" KBARS, Pump w/12' GA. Q2 delivered new pump & GA. TBIH w/2.5 x 1.25" x 20' RHBC Pump w/12' GA, 12-7/8" KBARS, 62-3/4" D Rods, 37-7/8" D Rods, 10' x 7/8" Sub. Put new packing in stuffing box. NU WH, Hung head on PU. Test to 500 psi X's 10 minutes, S/D Unit. Bled pressure off to vac truck. The pumping unit will not start again. Notified Production. Production arrived and made repairs. TOTP. RD LCH #81. Clean location.



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 14**

API/UWI 3001531251	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,716.00	KB-Tubing Head Distance (ft)	Initial Spud Date 7/10/2000 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,674.0	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 9/14/2022	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 11	Rig Type
------------------------	------------------	----------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	9/14/2022	9/14/2022	3,400.00	3,400.00	CREW TO LOCATION, LOTTO UN HANG WELL, RD FLOW LINES, LD POLISH ROD, WAS ABLE TO UNSEAT PUMP, OOH WITH, 8' X 7/8 SUBS, 37 X 7/8 D RODS, 62 X 3/4 DRODS, 12 X 7/8 DRODS AS K BARS, 20' PUMP OOH, Q2 PU PUMP, ND WELL HEAD NU BOP, RODS LOOKED CLEAN DID NOT HAVE ANY ISSUES WITH PARAFFIN, TOOH WITH PRODUCTION STRING 90 X 2 7/8 JTS, SEAT NIPPLE 2 7/8, 4' PERF SUB, 1 X 2 7/8 BPMA, DROPPED BOTH SET OF CHEM BALLS, WAS NOT ABLE TO GET HYDRO TESTERS UNIL THE MORNING, SECURE WELL, SDON
2.0	9/15/2022	9/15/2022	9,100.00	12,500.00	CREW TO LOCATION, PJSM, JSA, MIRU HYDRO TESTERS, TIH WITH 1 X 2 7/8 BPMA, 4' SLOTTED SUB, 2 7/8 SEAT NIPPLE, 90 X 2 7/8 JTS, DID NOT LD ANY JT'S DURING TESTING ( EOT @ 2,860'KB, SN @ 2,824' KB, NO TAC ), FLANGE WELL UP, RUN PUMP 2.5 X 1.50 RHBC X 20'RHBC PRODUCTION PUMP 12 X 7/8 D RODS, 62 X 3/4 D RODS, 37 X 7/8 D RODS, 8' X SUBS 7/8 HANG WELL ON, CHECK PUMP ACTION, LOAD & TEST, 3 STROKES AND TESTED TO 500PSI, LEFT OFF, RDMO WO, TOTP



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 14**

API/UWI 3001531251	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,716.00	KB-Tubing Head Distance (ft)	Initial Spud Date 7/10/2000 00:00	Rig Release Date	PBTD (All) (ftKB) Original Hole - 3,674.0	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Workover	Secondary Job Type Pump Repair	Status 1
AFE Number	Start Date 2/15/2024	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 9	Rig Type
------------------------	-----------------	----------

Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	2/15/2024	2/15/2024	2,100.00	2,100.00	CREW TO LOCATION, PJSM, MIRU WO, LOTTO UN HANG WELL, UNSEAT PUMP, SDON
2.0	2/16/2024	2/16/2024	4,100.00	6,200.00	CREW TO LOCATION, PJSM, BLEED OFF WELL, OOH WITH 8' SUB, 37 X 7/8 D RODS, 62 X 3/4 D RODS, 12 X 7/8 KBARS, 20' PUMP WITH 10' GA, ND WELL HEAD & NU BOP, TAGGED WITH 1 1/2 JTS 2,916' BTM PERF 3,557', TOOH 90 X 2 7/8 JTS, 2 7/8 SN, 4' PERF SUB, 1 X BPMA, HAD CREW BRING IN MORE TBG FROM OTHER LOCATION, SECURE WELL SDON
3.0	2/19/2024	2/19/2024	21,350.00	27,550.00	CREW TO LOCATION, PJSM, BLEED OFF WELL, Make up 2 7/8 notches collar and trip in hole t/ 2885'. Rig up swivel and air foam unit . Break circ w/ 1150 cfm injecting 1/2 bbl soap and fresh . Bring rotation up to 85 rpm's, tag at 2916', start washing to bottom running 4 points on collar, only made around 5". Decision was made to pick up truck r and collars. Trip out of hole with tubing , after looking at notch collar decision was made to go ahead and run prod string. Rig down swivel and air foam unit. Release iron. Pjasm , jsa , rig up hydro tester . Make up bha and trip in hole testing pipe to 6k for 30 sec . Ran 90 joints 2 7/8 , sn, slotted sub, 1 bpma , bp. ( eot@ 2860' sn @ 2824' ) . All pipe tested good . Rig down hydro tester. Nipple down bop. Secure well and shut down .
4.0	2/20/2024	2/20/2024	2,750.00	30,300.00	CREW TO LOCATION, PJSM, BLEED OFF WELL, make up 25-150-rhbc-20-4 trash pump .w/ 10' gas anchor and trip in hole w/ 12-7/8 k bars, 62-3/4 d rods, 37-7/8 d rods. Spaced with 8' sub. Hang on pump and horse head , space out . Load with 5 bbl fresh water . 2 strokes to 500. Note; let pumper know unit needs to be balanced. Rig down and move off
5.0	2/26/2024	2/26/2024	2,150.00	32,450.00	CREW TO LOCATION, PJSM, JSA, MIRU WO, PU 12 X 1" RODS & DROPPED OFF ON LOCATION, HAD WIND GUST PU & SECURE WELL SDON
6.0	2/27/2024	2/27/2024	3,700.00	36,150.00	CREW TO LOCATION, PJSM, JSA, RD FLOW LINES, LD POLISH ROD, WAS ABLE TO UNSEAT PUMP OOH WITH 8' SUB 7/8, 37 X 7/8 D RODS, 62 X 3/4 D RODS 12 X 7/8 D RODS, 20' PUMP WITH 10' GA, HAD X - OVERS DELIVERED FOR ROD BOXES, RIH WITH 2.5 X 1.5 X RHBC X 20' X 4' TRASH PUMP W/ RHR, 12 X 1" RODS, 62 3/4 D RODS, 37 X 7/8 D RODS, 8' SUB, PU POLLISH ROD AND HORSES HEAD, SPACED OUT PUMP. HUNG ON WELL LOADED TBG, PRESSURED UP TO 500 PSI IN 3 STROKES, RDMO WO, TOTP
7.0	3/15/2024	3/15/2024	9,100.00	45,250.00	CREW TO LOCATION, PJSM, JSA, MIRU WORKOVER UNIT, LAY DOWN HORSE HEAD , BLEED DOWN PRESSURE FROM WELL, LONG STROKE PUMP, 2 STROKES T/500 , HELD 30 MINS, UNSEAT PUMP AND TRIP OUT OF HOLE W/RODS. L.D. 12 1" RODS, HAD DON NAN COME TO LOCATION TO SWAP CUPS ON PUMP, M.U. 20-150-RHBC-20-4 PUMP W/ RHR. MAKE UP 8 1 1/2 K BARS , 66 3/4 D RODS, 37 7/8 D RODS , LAND PUMP , HANG ON HORSE HEAD, HANG ON PUMP AND SPACE OUT, 6 STROKES T/ 500 PSI, UNIT IS STILL WT HEAVY. DECISION WAS MADE TO PULL ROD STRING AGAIN AND ADD 4 MORE 1 1/2 K BARS. UNSEAT PUMP AND TRIP OUT OF HOLE T/ K BARS. SWAPPED OUT 4- 3/4 D RODS FOR THE 4- 1 1/2 KBARS, TRIP IN HOLE W/ 4 MORE 1 1/2 K BARS, LAND PUMP , HANG ON HORSEHEAD. SPACE OUT AND LOAD W/ FRESH WATER, 3 STROKES T/ 500. LEFT WORK OVER UNIT RIGGED UP, TIED BACK LINES ON RIG . LEFT UNIT ON AUTO. TOTP. (NOTE; UNIT IS STILL ACTING WT HEAVY

**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 435129

CONDITIONS

Operator: LH Operating, LLC 27120 Fulshear Bend Drive Fulshear, TX 77441	OGRID: 329319
	Action Number: 435129
	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