

Well Name: HUDSON FEDERAL	Well Location: T17S / R31E / SEC 17 / NWNW / 32.8390466 / -103.8990939	County or Parish/State: EDDY / NM
Well Number: 13	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001530995	Operator: LH OPERATING LLC	

Notice of Intent

Sundry ID: 2842545

Type of Submission: Notice of Intent

Type of Action: Plug Back

Date Sundry Submitted: 03/20/2025

Time Sundry Submitted: 08:09

Date proposed operation will begin: 04/03/2025

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Hudson_Federal_13_NMOCD_Procedure_to_ReComplete_to_Seven_Rivers_20250320080643.pdf
- Hudson_Federal_13_Wellbore_Schematic_20250320080643.pdf
- Hudson_Federal_13_Summarized_Well_History_20250320080644.pdf
- Hudson_Federal_13_Proposed_Schematic_20250320080643.pdf

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Lease Number: NMLC054908	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001530995	Operator: LH OPERATING LLC	

Conditions of Approval

Specialist Review

Plugback_COA_20250701134805.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: MAR 20, 2025 08:07 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: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 07/01/2025
Signature: Chris Walls	

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 ☐ Oil Well ☐ Gas Well ☐ 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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: NWNW / 990 FNL / 430 FWL / TWSP: 17S / RANGE: 31E / SECTION: 17 / LAT: 32.8390466 / LONG: -103.8990939 (TVD: 0 feet, MD: 0 feet)

BHL: NWNW / 990 FNL / 430 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Hudson Federal 13

Eddy Co., NM

API# 30-015-30995

Procedure to Recomplete to the Seven Rivers Intervals

3/19/25

Objective: Recomplete from Grayburg- San Andres intervals from 2582'...3572' to the Seven Rivers intervals, 1870'...2401'. 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 @ 2800' and test. Dump bail 35' of cement on top of CIBP.
7. GIH and perforate Seven Rivers intervals @ 2401', 2359', 2294', 2230', 2212', 2196', 2159', 2151', 2130', 2096', 2033', 2018', 2000', 1890', and 1870' (1 shot per foot for total of 15 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, 1870'... 2401'.
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.

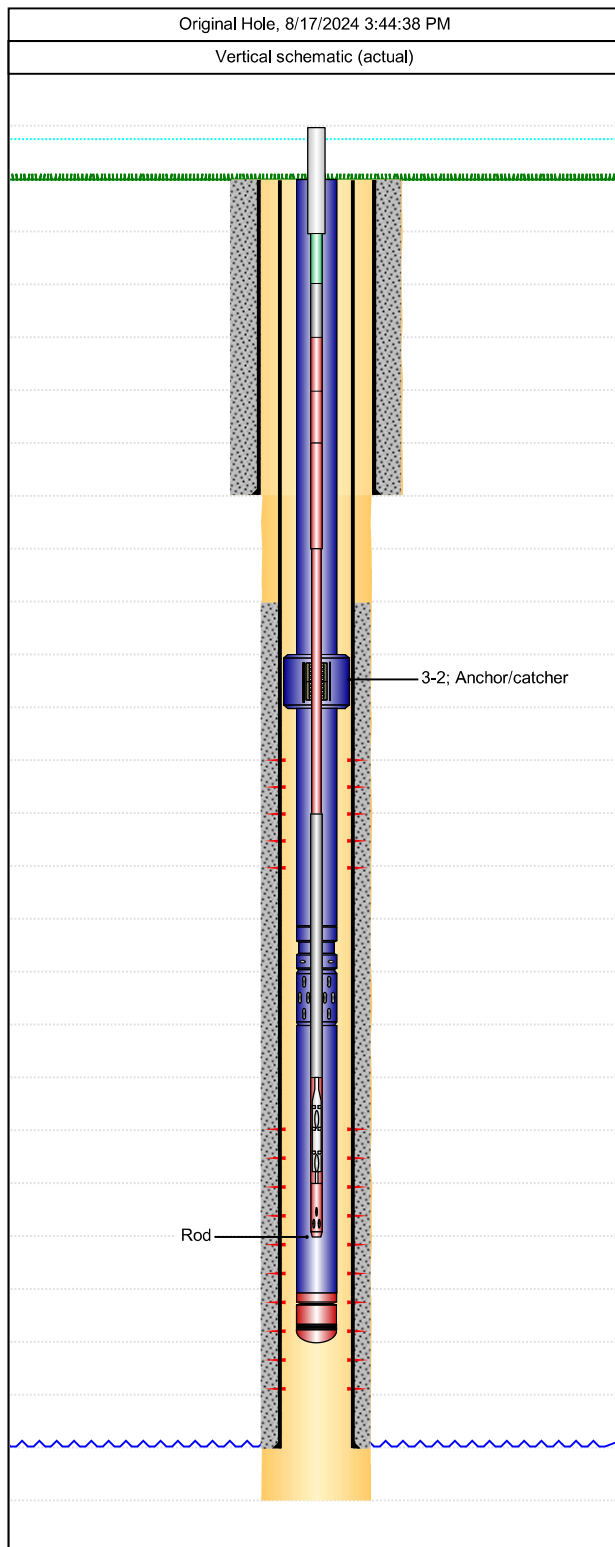


Downhole Well Profile

Well Name: HUDSON FEDERAL 13

API/UWI 3001530995	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft) 3,735.00	KB-Tubing Head Distance (ft)	Initial Spud Date 6/23/2000 00:00	Rig Release Date	PBTD (All) (ftKB)	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		452.0
Production	5 1/2	15.50	J-55		3,744.0

Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
	2,852.0	3,276.0	
	3,392.0	3,572.0	

Tubing Strings							
Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)				
Tubing	3/4/2022	3,450.90	3,450.9				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing	85		T&C Upset	2 7/8	6.50	J-55	2,677.02
Anchor/catcher	1			4 3/4			2.78
Tubing	22		T&C Upset	2 7/8	6.50	J-55	699.95
Seal Nipple	1			2 7/8			1.10
Perforated Sub	1			2 7/8	6.50	J-55	4.00
Tubing			T&C Non-Upset	2 7/8	6.40	C-75	65.05
Bull Plug				2 7/8			1.00

Rod Strings							
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)				
Rod	3/7/2022	3,418.00	3,413.8				
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polish Rod w/14' Liner	1			1 1/4			26.00
Pony Rod	1			7/8	2.22		4.00
Pony Rod	1	Norris		7/8	2.22		4.00
Pony Rod	1	Norris	Grade 78	7/8	2.22		4.00
Pony Rod	1	Norris	Grade 78	7/8	2.22		6.00
Sucker Rod	32	Norris	Grade 54	7/8	2.22	D	800.00
Sucker Rod	92	Norris	Grade 54	3/4	1.63	D	2,300.00
KBARS	10			7/8			250.00
2.5 x 1.5 x 16' RHBC				7/8			16.00
1.5" x 8' GA				7/8			8.00



Daily Activity and Cost Summary

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Original KB Elevation (ft) 3,735.00	KB-Tubing Head Distance (ft)	Initial Spud Date 6/23/2000 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Workover/Maint	Primary Job Type Casing / Liner	Secondary Job Type Repair / Replace / Squeeze	Status 1
AFE Number PBE4045	Start Date 5/3/2012	End Date 5/30/2012	Total AFE Amount (Cost) 64,000.00

Objective

Summary

Contractor Basic	Rig Number Omar	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	5/3/2012	5/3/2012	4,200.00	4,200.00	Day 1, Crew drove rig to loc. RU Unhang PR and HH. TOH w/ 2'-4'-6" 7/8" ponys, 42-7/8" rods and 55-3/4" rods and BHP BHP and TAC sent to Andrews Pump R & R. Lunch. NDWH NU B.O.P. Wait on catch pan/ RU catch pan. TOH w/ 90-jts 2 7/8" tbg TAC BHA. Lay dwn 3jt bad. SWH SDFN This AM run Packer test tbg hunt csc leak.
2.0	5/4/2012	5/4/2012	6,760.00	10,960.00	Day 2, Crew drove to loc. RU D & G tbg tester. Wait on bit and scraper. tested tbg @6000# blew 4-jt(2-top 2-bottom).RU TIH w/ bit and scraper as follows: 4 1/2" bit, 4 1/2"x4' scraper, 80-jt 2 7/8" J-55 6.5# 8rd EUE. Tag @3644'. Found tight spot @1100' worked bit and scraper through. Rig dwn Tbg tester. TOH w/ all tbg, scraper and bit. SWH SDFN. This AM test for leaks.
3.0	5/7/2012	5/7/2012	6,150.00	17,110.00	Day 3, Crew drove to loc. Bleed dwn well. RU TIH w/ 5 1/2" RBP & 5 1/2" 14-29# ASIX Pkr. Set RBP @2816' and Pkr @2800' Wait on pump trk. Load CSC. 17-bbbs did not test. test RBP 500# good. Pull Pkr. up set @2418' test tbg good, test CSC no test. Pull up set Pkr. @2289' test tbg good, test CSC no test. Pull up Pkr. set@1146' test tbg good, test CSC no test= rate-1-2 bpm @200#. Pull up Pkr. would not set between(1146'-1023'-bad CSC) Set Pkr. @1023' test tbg no test (RATE=13bpm @300#) test CSC 500# good. Work on well-head.
4.0	5/8/2012	5/8/2012	16,111.60	33,221.60	Day 4, Crew drove to loc. Bleed off well RU Snodgrass Prk. TIH w/ D & L 5 1/2"x6'14-20 32-A Squeeze Prk. w/ unloader, 24-jts 2 3/8" J-55 tbg set Prk. @784'. RU Par Five Cementers. Test line set Injection rate-3.1bpm Start cement Pump 150-sks Class C Neat=35bbbs, pump 150-sks Class C+1% PF1=35bbbs, total 70-cement. Clean lines start displacement/ suger w/ 4.5bbbs stop displacement. Wait 30min. 11:35am pressure up 334#. Wait 30min. 12:07pm pressure up 362#. Wait 30min. 12:39pm pressure up 419#. Wait 30min. 13:11pm pressure up 436#. SIW End Cement Job. RD Par Five. SWH SDFN Crew drove to yard.
5.0	5/9/2012	5/9/2012	6,384.00	39,605.60	Day 5, Crew drove to loc. TOH w/ tbg and packer, change out rams 2 3/8". RU Lucky Reverse Unit. Bulldog set up pipe racks and set 2 3/8" work-string. PU drill collars and X-over, and 2 3/8" work string. TIH w/ 4 3/4" bi,t X-over, 27jts 2 3/8" tbg tag cement @834'. Start Drill out cement, drill 162' cement still green, stop drill @996'. Pull up 2-stands. SWH SDFN. Crew drove to yard.
6.0	5/10/2012	5/10/2012	7,115.00	46,720.60	Day 6, Crew drove to loc. RU to continue drilling cement. Fell through cement @1075' picked up 2 more jt and went dwn to 1155' circulate. Pressure test w/ reverse unit 350# held 25min. RD swivel. TOH w/ laying dwn 31jts 2 3/8" 6-collars and bit. PU Ret. Head & RIH w/40jts-2 7/8 to get RBP. Lunch. Richard w/ BLM required chart MIT. Wait on kill truck. RU basic vac trk and Crain hot oiler. Did not have chart wait. RU chart pressured up to 300# for ten minutes, BLM required 500# pressure up to 520# lost 60# in 30min. Richard BLM failed MIT. Let equepment as is. This AM hunt hole.
7.0	5/11/2012	5/11/2012	5,365.94	52,086.54	Day 7, TOH w/ 40-stands change out rams TIH w/ 5 1/2" Pkr, found leak @ 1017'-1144'. RU pump trk. test CSC @1081' lost 100# in 5min. MU hole and test @1017' lost100# in 5min. Found flow rate 0-.25bpm @1000#. TOH w/ all tbg and Prk. SWH SDF week end. Monday cement.
8.0	5/14/2012	5/14/2012	4,363.00	56,449.54	Day 8, Crew drove to loc. check pressures. RU Par Five Cement crew. TIH w/ 5 1/2" Prk., 36-jts 2 7/8", Pkr. swinging @1153' . Start cement Spot hot @1153', pumped 63-sks Class C Neat=15bbbs slurry-density 14.8, @3.5bpm @250#. Pumped 6bbbs displacement. TOH w/ 7 stands- Reverse out @700'. TOH w/ 2 stands- Set Pkr. @608'. 500# on CSC. Pump .5 bbl pressure up 1450# Hesitate @1042, Pump .25 bbls pressure up 1507# Hesitate, Pump .25 bbls pressure up to 1509#, SHUT IN @1470#. 3bbbs/12-sks to pit. RD Par Five, Gandys vac. trk and pump trk. SWH SDFN This AM drill out cement. Crew drove to yard.
9.0	5/15/2012	5/15/2012	6,700.00	63,149.54	Day 9, Crew drove to location. TOH w/2 7/8" Tbj and Packer. RU 4 3/4" bit, 6-Collars and 2 7/8" Tbg. Tag cement @ 730'. RU swivel. Start drillout. Bit jumping TOH to inspect bit.Drilled out cement 198'. SWH SDFN. This a.m. continue drill Start point 928'. Crew drove to yard.



Daily Activity and Cost Summary

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Original KB Elevation (ft) 3,735.00	KB-Tubing Head Distance (ft)	Initial Spud Date 6/23/2000 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
10.0	5/16/2012	5/16/2012	7,190.00	70,339.54	Day 10, Crew drove to loc. PU collars TIH w/ Bear Claw Bit, 6 3 1/2" collars, and 2 7/8" tbg tag @ 928' RU swivel. Start drilling drill to 1098' Drilled (170'). Circulate hole clean. SWH SDFN This AM finish drilling. Crew drove to yard.
11.0	5/17/2012	5/17/2012	6,513.00	76,852.54	Day 11, Crew drove to loc. bleed off well. Start drill @ 1098' drill 4hr fell out of cement @1173' run dwn to 1214' circulat clean. MOC MIT w/ reverse unit 510# lost 50# 30min. RD swivel, TOH w/ tbg and collar/bit. SWH SDFN. This AM test/ MIT CSC. Crew drove to yard.
12.0	5/18/2012	5/18/2012	5,438.00	82,290.54	Day 12, Crew drove to loc. TIH w/ 5 1/2" Pkr. and 19-stands, set Pkr. test CSC 42min. @570# test good witnessed by Kent Coffall-BLM. Release pkr. TOH w/ tbg and pkr. (wet) Lunch. TIH w/ tbg to retrieve RBP. Latch on to RBP Plug came out swabbing CSC. RU vac trk. TOH w/ all tbg and RBG. RU TIH w/ BHA as follows: BP, Slotted MA 2 7/8", SN, 28-jts 2 7/8" J-55 6.5# 8rd EUE tbg. 5 1/2"x2 7/8" TAC. @0000', 85-jts J-55 6.5# 8rd EUE tbg to surface. ND B.O.P. and catch pan. Set TAC @15 pions. NUWH. Crew drove yard. SDF Week end.
13.0	5/21/2012	5/21/2012	3,845.00	86,135.54	Day 13, Crew drove to loc. RU TIH w/ old rods. TOH w/ old rods laying dwn=54 -7/8' rods, 59-3/4' rods, 2-4-4=7/8' pony. Lunch. Wait on 18-3/4" rod boxes RU TIH w/ new rods as follows: 1 1/2"x12' gas anchor, 2 1/2"x1 3/4"x20' RWBC, 10 -1 1/4" rods, 92-3/4" rods, 40-7/8' rods, 1 1/4"x26' PR w/ 1 1/2"x14' liner. Space out PR hang HH and PR. SWH SDFN. This AM start P/U. Crew drove to yard.
14.0	5/22/2012	5/22/2012	5,775.00	91,910.54	Day 14, Crew drove to loc. Start P/U would not pump up RU kill trk to load tbg would not load. Ru Unhang PR and HH TOH w/ all rods and bhp, sent in to Andrews Pump R & R had Iron sulfite scale. NDWH released TAC. RU B.O.P. catch pan TOH w/ all tbg. RU D & G tbg tester. RU TIH w/ BHA as follows: BP, Slotted MA 2 7/8", SN, 28-jts 2 7/8" J-55 6.5# 8rd EUE tbg. 5 1/2"x2 7/8" TAC. @0000', 85-jts J-55 6.5# 8rd EUE. Left tbg Ready to swab. Crew drove to yard.
15.0	5/23/2012	5/23/2012	5,775.00	97,685.54	Make 15 swab runs, lay down swab. run packer and tbg. set packer @ 2247. ready to acidize tomorrow.
16.0	5/24/2012	5/24/2012	10,803.00	108,488.54	LOAD BACK SIDE 500 PSI. OK START ACID JOB.
17.0	5/25/2012	5/25/2012	4,105.00	112,593.54	SITP 80 PSI SICP 250 PSI BLED OFF WELL STARTED SWABBING TO FRAC TANK.
18.0	5/29/2012	5/29/2012	4,767.62	117,361.16	150 # on tbg. Fluid level @ 200'. RD swab. Release pkr. RIH w/ production. Down Tag. RIH w/ pump & Rods
19.0	5/30/2012	5/30/2012	1,932.58	119,293.74	Day 19, Crew drove to loc. Space out PR hang off. Rig dwn move.



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Job Category Workover/Maint	Primary Job Type Tubing	Secondary Job Type Repair / Replace	Status 1
AFE Number	Start Date 6/28/2013	End Date 7/2/2013	Total AFE Amount (Cost)

Objective
replace bad tubing

Summary

Contractor Aztec Well Service	Rig Number #488Rudy	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	6/28/2013	6/29/2013	694.00	694.00	POH with rods-pump-tubing-test in hole to find bad jt(s) of tubing-replace-RIH with rods-replacemnet pump-RTP
2.0	7/1/2013	7/1/2013	5,208.00	5,902.00	TOH with rods and pumps-tally tubing out-TIH hydro testing-TIH with pump and rods-RTP-replaced joint above seat nipple
3.0	7/2/2013	7/2/2013	558.00	6,460.00	



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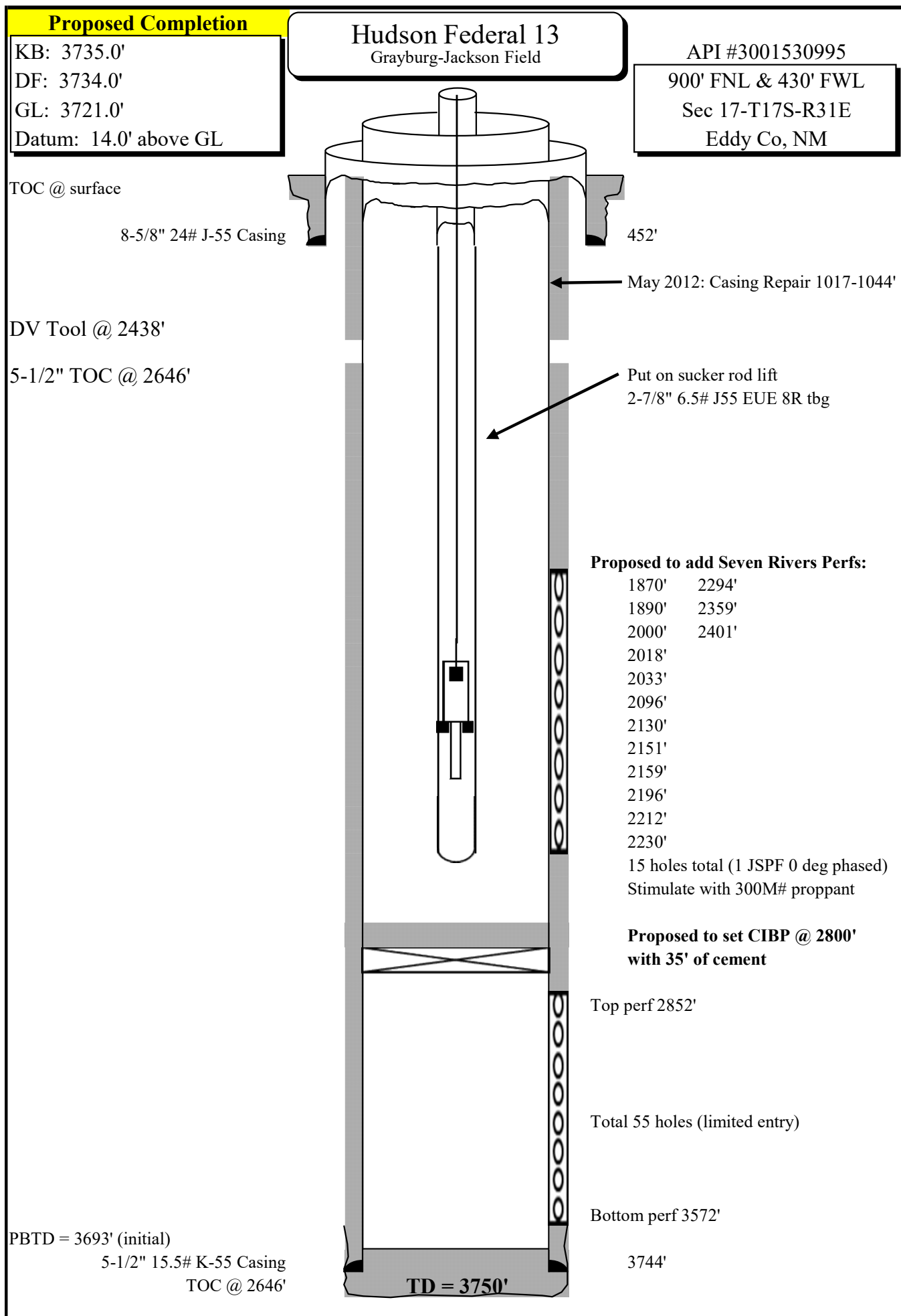
Job Category Completion/Workover	Primary Job Type Recompletion	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 3/4/2022	End Date	Total AFE Amount (Cost)

Objective
Tested TBG TBG would not test. TOOH w/pump, rod string & tbg.

Summary

Contractor	Rig Number	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	3/4/2022	3/4/2022	13,150.00	13,150.00	Crew to location, PJSM, JSA. TOOH w/Polish Rod w/1 3/4" X 14' Liner, 39 7/8" D RODS 92-3/4" D RODS, 8-7/8" KBARS & Pump. ND WH & NU BOP. PU 2 JTS 2 7/8" J55 TBG & TIH & tagged with 1 1/2 jts in hole. TOOH W/ 84 JTS 2 7/8" J55 TBG, 5 1/2 x 2 7/8" TAC, 23 JTS 2 7/8" J55 TBG. (Leaving in hole 4 JTS 2 7/8" J55 TBG, 2 7/8" x 1.10' SN & 1- Slotted 2 7/8" x 31.57'). Dropped 3 Bio-Balls & 3 Iron Balls down csg. TBIH with BP, MJ 2 7/8" x 32.57', Slotted Sub 2 7/8" x 4' , SN 2 7/8" x 1.10', 22 JTS of 2 7/8" J55 TBG, 5 1/2" x 2 7/8" x 3' TAC, 85 JTS 2 7/8" J55 TBG.(TAC @ 2680.02', SN @ 3413.78', EOT @ 3450.49')(TIH and tagged lightly and laid 1 Jt down, the jt that was laid down is not counted in the above report) Secured well and SDFN.
2.0	3/7/2022	3/7/2022	8,022.00	21,172.00	Crew on location. Held PJSM, JSA. TIH with 1.5" x 8' GA, 2.5" x 1.50" RHBC x 16' Pump, 10-7/8" KBARS, 92-3/4" D Rods, 32-7/8" D Rods, 1-6' 7/8" Pony, (3) 4' 7/8" Pony Rods & Polish Rod. Seated pump, Hung head, Pumping good. Tested to 500 psi X's 15 minutes. Good test. SD unit and Notified Production that well was ready to be put back on line. R/D LCH #81 and Swap out for LCH #99 to send LCH into yard to get breaks changed. Move LCH #99 to the Skelly 136.



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 575-689-5981
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 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 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 (or 35 feet with a bailer). 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/ocd/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 502755

CONDITIONS

Operator: LH Operating, LLC 27120 Fulshear Bend Drive Fulshear, TX 77441	OGRID: 329319
	Action Number: 502755
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify the OCD inspection supervisor via email 24 Hours Prior to beginning operations.	10/29/2025
ward.rikala	All conducted logs shall be submitted to the OCD as a [UF-WL] EP Well Log Submission (WellLog).	10/29/2025
ward.rikala	If Cement is not adequate to protect casing and isolate strata: (a) the uppermost perforation in each additional pool to at least 150 feet above that perforation; and (b) the lowermost perforation in each added pool to at least 100 feet below that perforation, the appropriate Inspection supervisor shall be consulted and remedial action conducted as directed.	10/29/2025
ward.rikala	A C-104 packet is required if, a pool is added, or perforations are added above or below existing perms.	10/29/2025