

|                            |                                                                        |                                   |
|----------------------------|------------------------------------------------------------------------|-----------------------------------|
| Well Name: HUDSON FEDERAL  | Well Location: T17S / R31E / SEC 17 / SWNW / 32.8377178 / -103.8972672 | County or Parish/State: EDDY / NM |
| Well Number: 8             | Type of Well: OIL WELL                                                 | Allottee or Tribe Name:           |
| Lease Number: NMLC054908   | Unit or CA Name:                                                       | Unit or CA Number:                |
| US Well Number: 3001528888 | Operator: LH OPERATING LLC                                             |                                   |

Notice of Intent

Sundry ID: 2840136

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/05/2025

Date proposed operation will begin: 03/19/2025

Type of Action: Plug Back

Time Sundry Submitted: 10:11

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Hudson\_Federal\_8\_Summarized\_Well\_History\_20250305101051.pdf
- Hudson\_Federal\_8\_Wellbore\_Schematic2\_20250305101035.pdf
- Hudson\_Federal\_8\_Proposed\_Schematic\_20250305101029.pdf
- Hudson\_Federal\_8\_NMOCD\_Procedure\_to\_ReComplete\_to\_Seven\_Rivers\_20250305101018.pdf

Received by OCD: 9/4/2025 9:11:26 AM

Page 2 of 15

|                            |                                                                        |                                   |
|----------------------------|------------------------------------------------------------------------|-----------------------------------|
| Well Name: HUDSON FEDERAL  | Well Location: T17S / R31E / SEC 17 / SWNW / 32.8377178 / -103.8972672 | County or Parish/State: EDDY / NM |
| Well Number: 8             | Type of Well: OIL WELL                                                 | Allottee or Tribe Name:           |
| Lease Number: NMLC054908   | Unit or CA Name:                                                       | Unit or CA Number:                |
| US Well Number: 3001528888 | Operator: LH OPERATING LLC                                             |                                   |

Conditions of Approval

Specialist Review

Plugback\_COA\_20250701133852.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 05, 2025 10:11 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<br>(June 2019)                                                                                                                                                   | UNITED STATES<br>DEPARTMENT OF THE INTERIOR<br>BUREAU OF LAND MANAGEMENT | FORM APPROVED<br>OMB No. 1004-0137<br>Expires: October 31, 2021 |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><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<br><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: SWNW / 1475 FNL / 990 FWL / TWSP: 17S / RANGE: 31E / SECTION: 17 / LAT: 32.8377178 / LONG: -103.8972672 ( TVD: 0 feet, MD: 0 feet )

BHL: SWNW / 1475 FNL / 990 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 08**

|                                        |                              |                                       |                              |                                              |                              |
|----------------------------------------|------------------------------|---------------------------------------|------------------------------|----------------------------------------------|------------------------------|
| API/UWI<br>3001528888                  | Surface Legal Location       | Field Name<br>PBNM - PB-GRAYBURG WEST | Spud Date Notice Information | State/Province<br>NM                         | Well Configuration Type      |
| Original KB Elevation (ft)<br>3,738.50 | KB-Tubing Head Distance (ft) | Initial Spud Date<br>5/10/1996 00:00  | Rig Release Date             | PBTD (All) (ftKB)<br>Original Hole - 3,822.0 | Total Depth All (TVD) (ftKB) |

|                                     |                                  |                                             |                         |
|-------------------------------------|----------------------------------|---------------------------------------------|-------------------------|
| Job Category<br>Completion/Workover | Primary Job Type<br>Recompletion | Secondary Job Type<br>Tubing and Rod Repair | Status 1                |
| AFE Number                          | Start Date<br>2/28/2022          | End Date                                    | Total AFE Amount (Cost) |

Objective

Summary

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

| Rpt # | Start Date | End Date  | Day Total (Cost) | Cum Field Est To Date<br>(Current Ops) (Cost) | Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------|------------|-----------|------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0   | 2/28/2022  | 2/28/2022 | 6,185.00         | 6,185.00                                      | Arrive on location, Held PJSM, JSA, MIRU test pump to tbg. Attempted to test TBG to 300 psi and lost 100 psi in 15 minutes. Tbg did not test MIRU LCH # 81. Attempted to unseat pump, PU to 35K pump did not unseat. Worked rod string X's 45 minutes and pump would not unseat. M/U Backoff Tool and backed off Rod string and started stripping OOH w/rod. TOOH with 2', 4' & 6' 7/8" Pony rods, 46-7/8" Rods and 9-3/4" rods = 1,375'. N/D WH & N/U 5K BOP and start TOOH standing back tbg. TOOH with 113 jts 2 7/8" tbg = 3557' The Last 8 jts POOH were severely corroded. There is 2,182' of 3/4" rods looking up in the 5.5" csg. Secure well & SDFN WRH will be on location in the morning @ 07:00 to fish rods OOH.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2.0   | 3/1/2022   | 3/1/2022  | 5,200.00         | 11,385.00                                     | Crew arrived on location. Held PJSM & review JSA. M/U WRH Fishing BHA consisting 4.5" OD Cutlip Guide, 4.5" OD, Overshot 4.5" OD w/Mouse Trap inside to catch 3/4" & 7/8" Rods. Total length Of BHA 2.75' TIH and tag TOF @ 1449' tbgm. Rotated over TOF and continue to TIH to 2706TBGM and tagged solid. P/U with tbg and over pull 4 points TOOH to inspect BHS. TOOH and retrieved 39 3/4" Rods and 1 2' piece od rod that was broke and bent into a hook shape 2" across.. TBIH and tagged TOF @ 2768', attempted to rotate back over TOF with the Mouse trap but could not. Did not set more than 1 point down on TOF to avoid further damage. TOOH to inspect BHA. Once OOH with BHA threr were gouges and markings inside the Cutlip guide and on the Mouse trap that scared and flares out the OD of the Mouse Trap. Secured well and wait on more fishing tools to arrive @ 07:00 a.m. SDFN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3.0   | 3/2/2022   | 3/2/2022  | 16,380.00        | 27,765.00                                     | Crew arrived on location. Held PJSM, JSA. The fishing tools that were brought to location had the wrong size of sliding slips and the pis were broken. Waited on new BHA to arrive from WRH. New BHA arrived on location. MU WRH BHA as follows. Cutlip Guide 4.625" x 3.563", Bulldog Over Socket 4.625" x 3.75" with Sliding Slip segments inside to grab the TOF. TIH w/fishing BHA #2. Tagged TOF with 44 stands in hole 2768' tbgm. Tagged TOF lightly while rotating 2 7/8" tbg with pipe wrenches. Felt the rods go into the BHA and worked the BHA down approx. 1'. continued to carefully attempting to work BHA down over the TOF. Worked for 30 minutes and had 4 pts over pull but would ship off the TOF when pick up was made. TOOH standing back 2 7/8" tbg. Once OOH inspected BHA and the rods in the hole went inside the Cutlip Guide but the hook on the TOF was to big to go inside the Slip Guide. MU Fishing BHS #3 as follows, Screw G rab 3.5 x 3.0625" x 5.14', X-O 3.625" x 1.125" x 1.25'. TBIH with Screw Grab. Tagged TOF with 45 stands in hole 2831.49' tbgm. Rotated down 4'. P/U with tbg and over pulled 4K. Continue OOHstanding back tbg. With BHA at surface we can see that we have rods in the Screw Grab but it will not come thru the BOP. N/D BOP and TOOH with 73-3/4" Rods and 4 jts 2 7/8" tbg, S/N, and 3' of a 4' Perforated Sub. The Pump is in the Jt above the SN. Secured well & SDFN. Will TBIH Hydro-testeing tbg in the morning then run pump & rod string. |
| 4.0   | 3/3/2022   | 3/3/2022  | 10,400.00        | 38,165.00                                     | Crew arrived on location. Held PJSM, JSA. Dropped 3 Bio Balls & 3 Iron Balls down csg. TIH with MJ 31.60' w/BP, Slott Sub 2 7/8" x 4', SN 2 7/8" x 1.10' & 111 Jts 2 7/8" J55 tbg. (SN @ 3496.40' EOT @ 3532.40') Hydro-testing tbg to 5000 psi. ND BOP & NU WH. TIH w/GA 1.5" x 8', 2.5" x 1.5" x 16' RWBC, 12-" 7/8" D RODS, 73-3/4" D RODS, 44-7/8" D RODS, 6' & 8' 7/8" Pony Rods, Polish Rod 26' x 1.5". Seated pump, Hung head, Pumping good, tested to 500 psi X's 10 minutes. Good test. Notified Production that well is ready to be put back on line.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 08**

|                                        |                              |                                       |                              |                                              |                              |
|----------------------------------------|------------------------------|---------------------------------------|------------------------------|----------------------------------------------|------------------------------|
| API/UWI<br>3001528888                  | Surface Legal Location       | Field Name<br>PBNM - PB-GRAYBURG WEST | Spud Date Notice Information | State/Province<br>NM                         | Well Configuration Type      |
| Original KB Elevation (ft)<br>3,738.50 | KB-Tubing Head Distance (ft) | Initial Spud Date<br>5/10/1996 00:00  | Rig Release Date             | PBTD (All) (ftKB)<br>Original Hole - 3,822.0 | Total Depth All (TVD) (ftKB) |

|                                     |                                  |                                             |                         |
|-------------------------------------|----------------------------------|---------------------------------------------|-------------------------|
| Job Category<br>Completion/Workover | Primary Job Type<br>Recompletion | Secondary Job Type<br>Tubing and Rod Repair | Status 1                |
| AFE Number                          | Start Date<br>9/13/2022          | End Date                                    | Total AFE Amount (Cost) |

Objective

Summary

|                        |                  |          |
|------------------------|------------------|----------|
| Contractor<br>RELIABLE | Rig Number<br>11 | Rig Type |
|------------------------|------------------|----------|

| Rpt # | Start Date | End Date  | Day Total (Cost) | Cum Field Est To Date<br>(Current Ops) (Cost) | Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------|------------|-----------|------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0   | 9/13/2022  | 9/13/2022 | 7,500.00         | 7,500.00                                      | CREW TO LOCATION, LOTTO UN HANG WELL, RD FLOW LINES, LD POLISH ROD, WAS ABLE TO UNSEAT PUMP, OOH WITH, 14' X 7/8 SUBS, 44 X 7/8 D RODS, 82 X 3/4 DRODS, 12 X 1 1/2 K BARS, 20' PUMP OOH, DON NAN PU PUMP, ND WELL HEAD NU BOP, MIRU HOT OILER DUE TO PARAFFIN IN TBG AND SOME BUILD UP ON BOXES, PUMPED 60 BBLS WITH 10 GLS OF CAT 3012, RDMO HOT OILER, TOOH WITH PRODUCTION STRING 114 X 2 7/8 JTS, SEAT NIPPLE 2 7/8, 4' SLOTTED 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   | 9/14/2022  | 9/14/2022 | 10,150.00        | 17,650.00                                     | CREW TO LOCATION, PJSM, JSA, MIRU HYDRO TESTERS, TIH WITH 1 X 2 7/8 BPMA, 4' SLOTTED SUB, 2 7/8 SEAT NIPPLE, 114 X 2 7/8 JTS, DID LD 3 JT'S DID NOT TEST DUE TO HOLE OR POPPED DURING TESTING ( EOT @ 3,123'KB, SN @ 3,085' KB, TAC @ 2,626' ), FLANGE WELL UP, RUN PUMP 2.5 X 1.50 RHBC X 16', 12 X K BARS, 82 X 3/4 D RODS, 44 X 7/8 D RODS, 8' X SUBS 7/8 HANG WELL ON, CHECK PUMP ACTION, LOAD & TEST, 1 STROKE AND TESTED TO 500PSI, LEFT OFF, RDMO WO, TOTP                                                                                              |



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 08**

|                                        |                              |                                       |                              |                                              |                              |
|----------------------------------------|------------------------------|---------------------------------------|------------------------------|----------------------------------------------|------------------------------|
| API/UWI<br>3001528888                  | Surface Legal Location       | Field Name<br>PBNM - PB-GRAYBURG WEST | Spud Date Notice Information | State/Province<br>NM                         | Well Configuration Type      |
| Original KB Elevation (ft)<br>3,738.50 | KB-Tubing Head Distance (ft) | Initial Spud Date<br>5/10/1996 00:00  | Rig Release Date             | PBTD (All) (ftKB)<br>Original Hole - 3,822.0 | Total Depth All (TVD) (ftKB) |

|                                     |                              |                                             |                         |
|-------------------------------------|------------------------------|---------------------------------------------|-------------------------|
| Job Category<br>Completion/Workover | Primary Job Type<br>Workover | Secondary Job Type<br>Tubing and Rod Repair | Status 1                |
| AFE Number                          | Start Date<br>4/30/2024      | End Date                                    | Total AFE Amount (Cost) |

Objective

Summary

|                        |                 |          |
|------------------------|-----------------|----------|
| Contractor<br>RELIABLE | Rig Number<br>9 | Rig Type |
|------------------------|-----------------|----------|

| Rpt # | Start Date | End Date  | Day Total (Cost) | Cum Field Est To Date<br>(Current Ops) (Cost) | Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|------------|-----------|------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0   | 4/30/2024  | 4/30/2024 | 4,700.00         | 4,700.00                                      | CREW TO LOCATION, PJSM, MIRU WO, LOTTO UN HANG WELL, LD POLISH ROD, UNSEAT PUMP BUT WAS SUCCESSFUL, OOH WITH 6'.8' SUBS, 44 X 7/8 D RODS, 82 X ¾ D RODS, 12 X 7/8 D RODS, 16' PUMP SENT TO R&R, ND WELL HEAD NU BOP, PU TAGGED @ 3,154' +/- WITH BTM PERF 3,488', PBTD AT 3,822' WILL HAVE TO CLEAN OUT WELL, OOH WITH 111 X 2 7/8 JTS, SN 2 7/8, 4' SLOTTED SUB, 1 X BPMA, CHECKED WELL FILES & MADE SURE WE DIDN'T HAVE A FISH IN THE WELL, AS PER FILES WE WERE CLEAR WELL FOAM IS SCHEDULED, SECURE WELL SDON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2.0   | 5/1/2024   | 5/1/2024  | 19,150.00        | 23,850.00                                     | CREW TO LOCATION, PJSM, MIRU WELL FOAM, BROUGHT IN GAS BUSTER WITH FLOW BACK IRON, PU MU BIT SUB WITH TRI CONE BIT, RIH WITH 2 7/8 TBG, WHILE GOING IN WAS TAGGING AROUND 2,942'CLOSE TO TOP PERF, PU SWIVEL BREAK CIRCULATION ABOUT 30MIN GETTING BACK SCALE & PARAFFIN, WHILE TIH HAD TO LD 10 JTS DUE TO BAD PITTING & HOLES ALSO HAD TO REPLACE 8 COLLARS, BEGAN TO TIH DOWN TO 3,396' CIRCULATED FOR 45MINS, CHECKED RETURNS & STARTED TO GET BACK MORE SCALE & PARAFFIN, RETURNS WERE CLEAN TIH TO 3,576' STATRED TO TAG HARD, MADE A MARK ON TBG CAME DOWN WITH ALL WIEGHT 3 X TIMES BUT WAS NOT MAKING ANY HEADWAY, KEPT BIT 1K DOWN WAITED FOR BTMS UP, RETURNS WERE HAD PIECES OF METAL, CIRCULATED FOR 2HRS KILLED WELL, LD SWIVEL, TOO H STAND BACK TBG, RDMO WELL FOAM & WRH, MIRU HYDRO TESTER, 6,000 PSI & HOLD FOR 20 - 30 SECONDS, TIH WITH 1 X BPMA, 4' SUB, 2 7/8 SN, 111 X 2 7/8 JTS, RDMO HYDRO TESTERS (EOT @ 3,528'KB, SN @ 3,492' KB, NO TAC '), ND BOP NU FLOW LINES, BSECURE WELL SDON |
| 3.0   | 5/2/2024   | 5/2/2024  | 6,100.00         | 29,950.00                                     | CREW TO LOCATION, PJSM, JSA RIH WITH 2.5 X 1 ½ X RHBC X 16' X 3' TRASH, 12 X 7/8 D RODS, 82 X ¾ D RODS, 44 X 7/8 D RODS, NO SUB, FILLED WELL WITH FRESH WATER, LONG STORKE PUMP, HANG ON WELL PSI CAME UP TO 600 PSI 3 STROKES FOR 10 MIN, TOTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



## Daily Activity and Cost Summary

**Well Name: HUDSON FEDERAL 08**

|                                        |                              |                                       |                              |                                              |                              |
|----------------------------------------|------------------------------|---------------------------------------|------------------------------|----------------------------------------------|------------------------------|
| API/UWI<br>3001528888                  | Surface Legal Location       | Field Name<br>PBNM - PB-GRAYBURG WEST | Spud Date Notice Information | State/Province<br>NM                         | Well Configuration Type      |
| Original KB Elevation (ft)<br>3,738.50 | KB-Tubing Head Distance (ft) | Initial Spud Date<br>5/10/1996 00:00  | Rig Release Date             | PBTD (All) (ftKB)<br>Original Hole - 3,822.0 | Total Depth All (TVD) (ftKB) |

|                                     |                              |                                             |                         |
|-------------------------------------|------------------------------|---------------------------------------------|-------------------------|
| Job Category<br>Completion/Workover | Primary Job Type<br>Workover | Secondary Job Type<br>Tubing and Rod Repair | Status 1                |
| AFE Number                          | Start Date<br>8/13/2024      | End Date                                    | Total AFE Amount (Cost) |

Objective

Summary

|                        |                 |          |
|------------------------|-----------------|----------|
| Contractor<br>RELIABLE | Rig Number<br>5 | Rig Type |
|------------------------|-----------------|----------|

| Rpt # | Start Date | End Date  | Day Total (Cost) | Cum Field Est To Date<br>(Current Ops) (Cost) | Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------|------------|-----------|------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0   | 8/13/2024  | 8/13/2024 | 2,400.00         | 2,400.00                                      | CREW TO LOCATION, MIRU WO, LOTTO UN HANG WELL, LD POLISH ROD, UNSEAT PUMP, WHILE STANDING BACK HAD A GOOD AMOUNT OF PARAFFIN ON RODS & BOXES, ONLY HAD 3 TRIPLES OUT & WILL HAVE LH HOT OIL PUMP 3012 WITH BIO IN THE AM DUE TRUCK TIED UP & RUNNING OUT DAYLIGHT, SECURE WELL SDON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2.0   | 8/14/2024  | 8/14/2024 | 8,550.00         | 10,950.00                                     | CREW TO LOCATION, PJSM, JSA, MIRU LH HOTOILER WITH 10 GALS OF 3012 & 10 GALS OF BIO, WHILE DRIVING TRUCK UP THE HILL ON LOCATION HAD DRIVELINE BUST, BROUGHT IN BACKHOE TOOK A WHILE BUT WAS FINALLY WAS ABLE TO SET NEXT TO WELL TO PUMP, PUMPED 130 BBLS AT 200° WHILE CIRCULATING TO VAC TRUCK AFTER ABOUT 30 BBLS STARTED TO GET RETURNS & 140 PSI AFTER 80 BBLS PRESSURE DROP TO 60 PSI, FLUSHED FRESH WATER WITH 30BBLS RDMO HOTOILER, PUMP WAS UNSEATED, STANDBACK ALL RODS OOH WITH 2',8',6' SUBS, 44 X 7/8 D RODS, 83 X ¾ D RODS, 12 X 7/8 D RODS, PUMP SENT FOR R&R WITH Q2 RODS WERE CLEAN & LOOKED A LOT BETTER AFTER CIRCULATING, ND WELL HEAD & FLOW LINES NU BOP, TOO H WITH 111 X 2 7/8 JTS, SN, 4' PERF SUB, BPMA, MIRU HYDRO TESTER, 6,000 PSI & HOLD FOR 20 - 30 SECONDS TIH WITH 1 X BPMA, 4' PERF SUB, 2 7/8 SN, 111 X 2 7/8 JTS, RDMO HYDRO TESTERS, (EOT @ 3,526'KB, SN @ 3,490' KB, NO TAC), SECURE WELL SDON |
| 3.0   | 8/15/2024  | 8/15/2024 | 4,400.00         | 15,350.00                                     | CREW TO LOCATION, PJSM, JSA, ND BOP NU FLOW LINES, RIH WITH 12' GAS ANCHOR, 2.5 X 1 ½ X RHBC X 16' X 3' TRASH WITH RHR, 12 X 7/8 D RODS, 82 X ¾ D RODS, 44 X 7/8 D RODS, 4',6',8',2', SUBS, FILLED WELL WITH FRESH WATER, LONG STROKE PUMP, HANG ON WELL PUMPED UP WITH 2 STROKES 500PSI, DUE TO THE SCALE ON THE RODS WOULD RECOMMEND FLUSHING WITH CHEMICALS JACAM, RDMO WO TOTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



## Daily Activity and Cost Summary

Well Name: HUDSON FEDERAL 08

|                                        |                              |                                       |                              |                                              |                              |
|----------------------------------------|------------------------------|---------------------------------------|------------------------------|----------------------------------------------|------------------------------|
| API/UWI<br>3001528888                  | Surface Legal Location       | Field Name<br>PBNM - PB-GRAYBURG WEST | Spud Date Notice Information | State/Province<br>NM                         | Well Configuration Type      |
| Original KB Elevation (ft)<br>3,738.50 | KB-Tubing Head Distance (ft) | Initial Spud Date<br>5/10/1996 00:00  | Rig Release Date             | PBTD (All) (ftKB)<br>Original Hole - 3,822.0 | Total Depth All (TVD) (ftKB) |

|                               |                                    |                                            |                         |
|-------------------------------|------------------------------------|--------------------------------------------|-------------------------|
| Job Category<br>CHEMICAL PUMP | Primary Job Type<br>CIRCULATE WELL | Secondary Job Type<br>ACID DUMP ON BK SIDE | Status 1                |
| AFE Number                    | Start Date<br>8/26/2024            | End Date                                   | Total AFE Amount (Cost) |

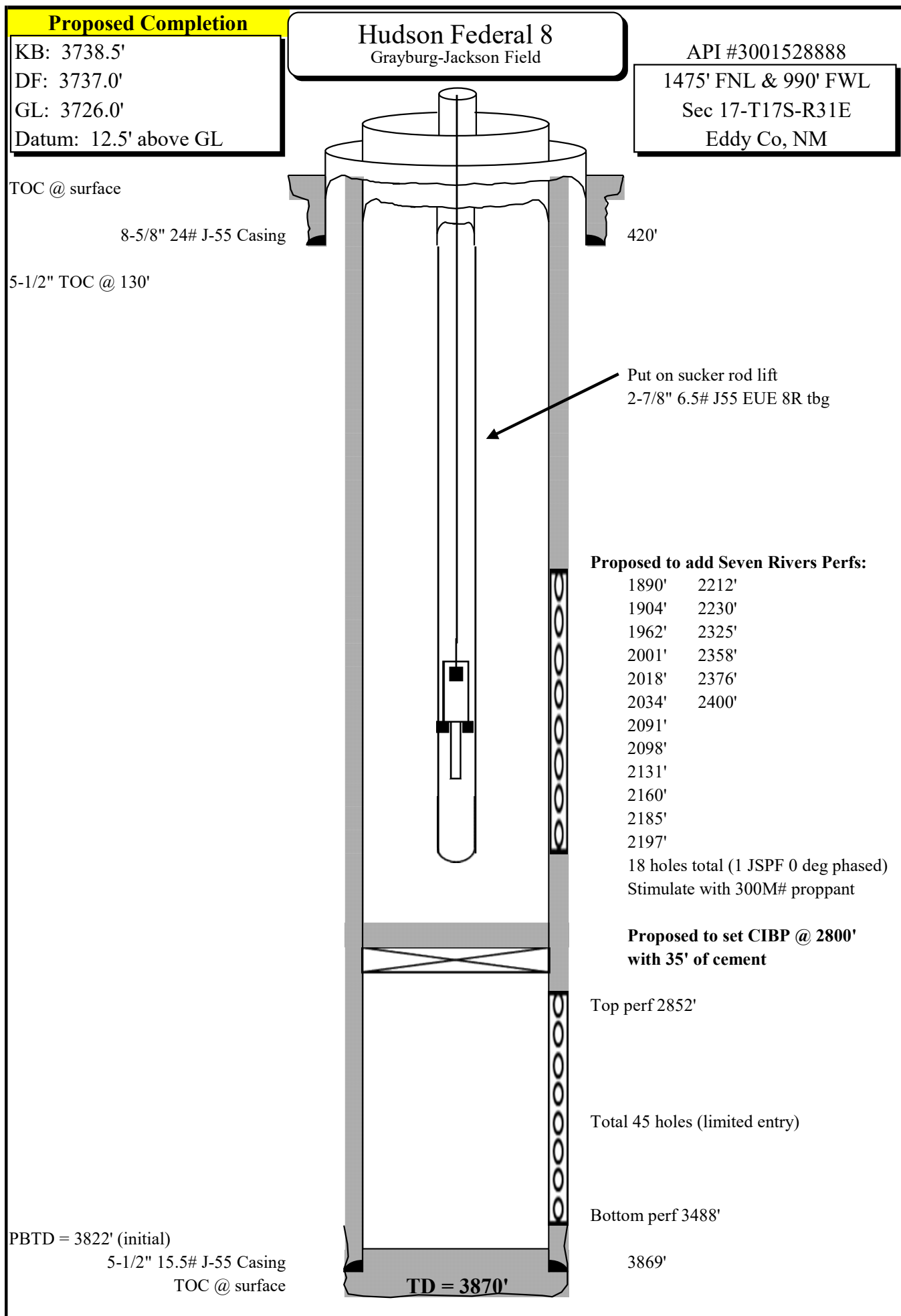
Objective

Summary

|                     |            |          |
|---------------------|------------|----------|
| Contractor<br>JACAM | Rig Number | Rig Type |
|---------------------|------------|----------|

| Rpt # | Start Date | End Date  | Day Total (Cost) | Cum Field Est To Date<br>(Current Ops) (Cost) | Summary                                                                                                                                                                                                                                                                                          |
|-------|------------|-----------|------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.0   | 8/26/2024  | 8/26/2024 | 1,980.00         | 1,980.00                                      | TRUCK TO LOCATION, SHUT OFF UNIT PULLED CSG CHECK VALVE FLAPPER, OPEN CSG VALVE ON FLOW LINE SIDE OF CSG, OPENED BPV 100% CLOSED BK SIDE CSG VALVE, PUMP AND CIRCULATE 110 GAL OF PARAFFIN DISPERSANT, THEN PUT UNIT ON HAND RDMO CHEMICAL TRUCK                                                 |
| 2.0   | 8/28/2024  | 8/28/2024 | 3,780.00         | 5,760.00                                      | TRUCK TO LOCATION, PJSM, JSA, Closed flowline and pumped up tubing to 600psi shut down PJ. Hooked pump truck up to backside and pressure tested 1000psi. Opened backside and pumped 1000gal acid followed by 40bbl flush. Closed backside and rigged down, Flagged all valves & SECURE WELL SDON |





Hudson Federal 8

Eddy Co., NM

API# 30-015-28888

Procedure to Recomplete to the Seven Rivers Intervals

3/03/25

Objective:      Recomplete from Grayburg- San Andres intervals from 2852'...3488' to the Seven Rivers intervals, 1890'...2400'. 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 @ 2400', 2376', 2358', 2325', 2230', 2212, 2197', 2185', 2160', 2131', 2098', 2091', 2034', 2018', 2001', 1962', 1904', and 1890'. (1 shot per foot a total of 18 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, 1890'... 2400'.
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 575-689-5981
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 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/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 502752

**CONDITIONS**

|                                                                                   |                                                   |
|-----------------------------------------------------------------------------------|---------------------------------------------------|
| Operator:<br>LH Operating, LLC<br>27120 Fulshear Bend Drive<br>Fulshear, TX 77441 | OGRID:<br>329319                                  |
|                                                                                   | Action Number:<br>502752                          |
|                                                                                   | Action Type:<br>[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     |