

Well Name: TURNER B	Well Location: T17S / R31E / SEC 20 / SESW / 32.8158964 / -103.8921079	County or Parish/State: EDDY / NM
Well Number: 93	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC029395B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001526611	Operator: LH OPERATING LLC	

Notice of Intent

Sundry ID: 2839930

Type of Submission: Notice of Intent

Type of Action: Plug Back

Date Sundry Submitted: 03/04/2025

Time Sundry Submitted: 11:44

Date proposed operation will begin: 03/18/2025

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Turner_B_93_Summarized_Well_History_20250304114339.pdf
- Turner_B_93_Wellbore_Schematic2_20250304114338.pdf
- Turner_B_93_Proposed_Schematic_20250304114338.pdf
- Turner_B_93_NMOCD_Procedure_to_ReComplete_to_Seven_Rivers_20250304114338.pdf

Well Name: TURNER B	Well Location: T17S / R31E / SEC 20 / SESW / 32.8158964 / -103.8921079	County or Parish/State: EDDY / NM
Well Number: 93	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC029395B	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001526611	Operator: LH OPERATING LLC	

Conditions of Approval

Specialist Review

Plugback_COA_20250701132957.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 04, 2025 11:43 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
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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: SESW / 1140 FSL / 2560 FWL / TWSP: 17S / RANGE: 31E / SECTION: 20 / LAT: 32.8158964 / LONG: -103.8921079 (TVD: 0 feet, MD: 0 feet)

BHL: SESW / 1140 FSL / 2560 FWL / TWSP: 17S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



Daily Activity and Cost Summary

Well Name: **TURNER B 93**

API/UWI 3001526611	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST CENTRAL	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Initial Spud Date 1/1/1900 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Workover / Completions	Primary Job Type Tubing Repair	Secondary Job Type Cleanout	Status 1
AFE Number	Start Date 8/23/2011	End Date 8/27/2011	Total AFE Amount (Cost)

Objective
MIRUWSU TOO H W/rods and pump inspect. NUBOP TOO H W/tbg looking for hole. Make bit & scrapper run check for fill clean out if needed. Pump 2500 gal 15% HCL swab/Flowback well. Return well back to production

Summary

Contractor Basic Energy	Rig Number 1284	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	8/23/2011	8/23/2011	5,869.40	5,869.40	Road rig to location spot in RUWSU tbg 130 psi, csg 100 psi bleed down well. LD horse head didn't feel pump unseat pump TOO H W/4' sub, 38-7/8, 65-3/4, 12-7/8 pull rod was parted on pump. NDWH, release TAC, NUBOP, RU Floor & tongs SWI couldn't get environmental pack until the am. NOTE: Rig Didn't Arrive until 11:30 they were waiting on orders.
2.0	8/24/2011	8/24/2011	6,595.40	12,464.80	Waited 1 hr on Environmental Package. NU Environmental Pan. TOO H Pulling tbg wet 94 jts, 5 1/2 TAC, S/N, perf sub, M/A recovered pump Bbl didn't find any holes. PU 4 3/4 bit & scrapper TIH W/93 jts, PU 7 jts tagged 15' in on jt 100 @ 3095', CIBP 3550', 455' of fill. TOO H W/100 jts LD bit & scrapper. PU Bailer With 4 3/4 bit & bit sub TIH W/99 jts & jt 100 clean out to 3117 couldn't go any deeper real hard. Pull 10 stand SWI
3.0	8/25/2011	8/25/2011	10,563.87	23,028.67	Crew arrived on location and casing valve had leaked had 3-4 Bbbs on ground. Bleed down well TOO H W/80 jts tbg LD bailer. PU 4 3/4 bit, 6-3 1/2 DC, XO, TIH W/95 jts tag @ 3117' LD jt 95. PU swivel & jt 95 tag @ 3117'. I had seen in my schematic showed a CIBP @ 3110' and one @ 3550'. I called David to confirm and he said no CIBP @ 3110 to start drilling. Start drilling started getting back metal in returns called David and he said to call it good. LD swivel TOO H W/95 jts LD 6-3 1/2 DC. Hand to change out BOP seal was leaking on the one installed. SWI
4.0	8/26/2011	8/26/2011	6,633.90	29,662.57	Bleed down well, Hydro-tester was running late and waited on welder to build slotted M/J. PU 2 7/8 X 31' slotted M/A, S/N, 10 jts tailpipe, 5 1/2 TAC, 88 jts TIH Testting tbg to 5000 psi. RD tbg tester, RD floor & tons, NDBOP set TAC 14K pulled land tbg NUWH. Change over from tbg to rods. PU 2 1/2 X 2 X 16' pump W/16' G/A, 12-7/8, 65-3/4, 43-7/8, 6' sub, 1 1/4 X 26 polish rod space out pump spent 2 hrs trying to get WH back together once we did it had a bunch of leaks needs to be re-plumbed. Check pump action, good. SWI told production tech to leave well down.
5.0	8/27/2011	8/27/2011	1,228.68	30,891.25	RDWSU move off. Final report



Daily Activity and Cost Summary

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Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Initial Spud Date 1/1/1900 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Rod Repair	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 10/21/2020	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE 8	Rig Number 8	Rig Type Completion/Workover
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	10/21/2020	10/21/2020	2,100.00	2,100.00	MIRU WSU, PJSM, JSA, LOTO, TBG DID NOT TEST, UNHANG WELL, RODS PARTED 7 RODS DOWN, BOX BREAK, SECURE WELL, SDON
2.0	10/22/2020	10/22/2020	3,000.00	5,100.00	CREW TO LOCATION, PJSM, JSA, UNABLE TO LATCH ONTO FISH, 3 TRIPS WITH RODS AND DIFFERENT FISHING TOOL, ND WELLHEAD, RELEASE TAC, NU AND FUNCTION TEST BOP, PULL UP TO EXPOSE RODS, UNABLE TO UNSEAT PUMP, STRIP RDODS AND TBG OUT OF HOLE, ONLY GETTING 2 TO 3 RODS EACH TIME THEY BACK OFF, SECIURE WELL, SDON
3.0	10/23/2020	10/23/2020	4,200.00	9,300.00	CREW TO LOCATION, PJSM, JSA, FUNCTION TEST BOP, HYDROTEST TBG IN HOLE, 1 JT SLOTTED BPMA, 2 7/8 SEAT NIPPLE, 8 JTS 2 7/8 TBG, 5 1/2 X 2 7/8 TAC, 90 JTS 2 7/8 TBG, NO LEAKS, (EOT @ 3083' KB, SN @ 3051' KB, TAC @ 2803' KB), ND BOP, SET TAC 12 K TENSION, FLANGE WELL UP, WAIT ON PUMP, TIH WITH 2.5 X 2 X 16' RHBC PUMP, 12 X 7/8 D RODS, 65 X 3/4 D RODS, 46 X 7/8 D RODS, SPACE OUT WITH 1 X 4' X 7/8 ROD SUB, HANG WELL ON, LOAD TBG, CHECK PUMP ACTION, RDMO WSU, TOTP



Daily Activity and Cost Summary

Well Name: TURNER B 93

API/UWI 3001526611	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST CENTRAL	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Initial Spud Date 1/1/1900 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Rod Repair	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 7/20/2021	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 8	Rig Type Completion/Workover
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Rpt #	Start Date	End Date	Day Total (Cost)	Cum Field Est To Date (Current Ops) (Cost)	Summary
1.0	7/20/2021	7/20/2021	2,700.00	2,700.00	MIRU WSU, PJSM, JSA, LOTO, UNHANG WELL, RODS PARTED, PART WAS 26 RODS DOWN, BODY BREAK, RUN FISHING TOOL AND RODS, LATCH ONTO FISH, UNSEAT PUMP, TOOCH WITH RODS AND PUMP, SECURE WELL, SDON
2.0	7/21/2021	7/21/2021	5,200.00	7,900.00	CREW TO LOCATION, PJSM, JSA, ND WELLHEAD, RELEASE TAC, NU AND FUNCTION TEST BOP, TOOCH WITH TBG AND LD TAC, BHA, TIH WHILE HYDROTESTING WITH 1 JT 2 7/8 BPMA, 4' X 2 7/8 SLOTTED SUB, 2 7/8 SEAT NIPPLE, 8 JTS 2 7/8 TBG, 5 1/2 X 2 7/8 TAC, 90 JTS 2 7/8 TBG, (EOT @ 3083' KB, SN @ 3057' KB, TAC @ 2803' KB), ND BOP, SET TAC 12 K TENSION, FLANGE WELL UP, SECURE WELL,
3.0	7/22/2021	7/22/2021	12,800.00	20,700.00	CREW TO LOCATION, PJSM, JSA, FUNCTION TEST BOP, ACIDIZE WELL VIA 2 7/8 TBG WITH 2,000 GALS 15% HCL ACID, 3 BPM @ AVG PRESSURE 460 PSI, FLUSH WITH 40 BBLs FRESH WATER, ISIP 768 PSI, 5 MIN 690 PSI, 10 MIN 630 PSI, 15 MIN 610 PSI, LET ACID SOAK FOR 1 HR, BLEED PRESSURE, ND BOP, SET TAC 11K TENSION, FLANGE WELL UP, TIH WITH 2.5 X 1.5 X 16' PUMP, , 12 X 7/8" D RODS, 65 X 3/4 D RODS, 46 X 7/8 D RODS, SPACE OUT WITH 4' X 7/8 D ROD SUBS, HANG WELL ON, LOAD TBG, CHECK PUMP ACTION, RDMO WSU, TOTP



Daily Activity and Cost Summary

Well Name: TURNER B 93

API/UWI 3001526611	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST CENTRAL	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Initial Spud Date 1/1/1900 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

Job Category Completion/Workover	Primary Job Type Tubing Repair	Secondary Job Type Tubing and Rod Repair	Status 1
AFE Number	Start Date 2/7/2023	End Date	Total AFE Amount (Cost)

Objective

Summary

Contractor RELIABLE	Rig Number 11	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	2/7/2023	2/8/2023	4,000.00	4,000.00	MIRU PULLING UNIT ON WELL. REMOVED HORSE HEAD AND LD POLISH ROD. RODS SEEMED TO BE PARTED. POOH WITH 4' 7/8 SUB AND 13 7/8 RODS. COUPLING WAS BACKED OFF RIH WITH NEW BOX SCREWED BACK ON TO RODS AND PULLED 2 PTS OVER AND RODS PARTED AGAIN. POOH WITH 17 7/8 RODS HAD A BODY BREAK AT 10' OF ROD 17. RODS HAD HEAVY PITTING AND SCALE ON THEM. ND WELL HEAD AND UNSET TAC NU BOP. PULLED 16 JTS 2 7/8 TBG TO GET TO RODS. UNSEATED PUMP POOH WITH 26 7/8 D RODS, 65 3/4 D RODS, 12 7/8 D RODS, AND PUMP. POOH WITH 74 2 7/8 JTS, 5 1/2 TAC, 8 2 7/8 JTS, 2 7/8 SN, 1 SLOTTED JT. LD 6 JTS THAT HAD HOLES IN THEM. SHUT IN WELL SD.
2.0	2/8/2023	2/9/2023	16,650.00	20,650.00	CREW TO LOCATION, PJSM, JSA. CHECKED PRESSURE 50 PSI ON CSG BLED DOWN, DROPPED 3 AND 3 OF BIO AND IC BALLS DOWN CSG. RU EMPIRE TESTER AND STARTED IN HOLE WITH BHA TESTING TBG TO 5500 PSI WITH DRAG BARS. GOT 9 STANDS TESTED BUT HAD TROUBLE THE WHOLE WAY DUE TO HEAVY SCALE INSIDE TBG UNTIL THEY GOT STUCK. RD DRAG BARS AND RU YOYO BARS TRIED TO CONTINUE TESTING BUT GOT STUCK ON THE 1ST STAND HAD TO STRIP OUT BARS AND RD TESTER. RU CHIEF ACID TRUCK AND PUMPED 3000 GALS 15% HCLACID AT 1 BPM 600 PSI LET ACID SIT FOR 30 MINS AND FLUSHED WITH 40 BBLS FRESH AT 1/2 BPM 550 PSI SITP AFTER 450 PSI SHUT IN WELL AND LET ACID SIT SHUT DOWN
3.0	2/9/2023	2/10/2023	20,500.00	41,150.00	CREW TO LOCATION, PJSM, JSA. CHECKED PRESSURE ON WELL 400 PSI BOTH SIDES BLED DOWN TO TRUCK FOR 2 HRS MADE 40 BBLS BACK. RU EMPIRE TESTER AND RIH TESTING TBG TO 5500 PSI. WHEN WE GOT 5 STANDS IN WELL STARTED FLOWING AGAIN AND HAD TO FLOW BACK FOR ANOTHER 1HR MADE 60 BBLS BACK TOTAL. RAN BP, 1 JT 2 7/8 MA, 4' PERF SUB, SN, 8 JTS 2 7/8, 5 1/2 TAC, 90 JTS 2 7/8. (EOT @ 3087, SN @ 3050, TAC @ 2800) HAD 1 JT FAIL TEST. ND BOP, SET TAC 8 PTS OVER NU WH. SET UP WORK FLOOR AND ROD EQUIP. RIH WITH 250-175-16'-RHBC PUMP, 12 7/8 D RODS, 65 3/4 D RODS, 43 7/8 D RODS, 8' 7/8 SUB. CHANGED OUT 8 7/8 RODS WITH BAD PITTING. PU HORSE HEAD AND POLISH ROD SPACED OUT WELL AND LOADED TBG WITH 2 BBLS PRESSURED UP TO 500 PSI WITH 2 STROKES, PUMPING GOOD. RD ALL EQUIP AND MOVED TO WEST B # 71 SD.

WellView®

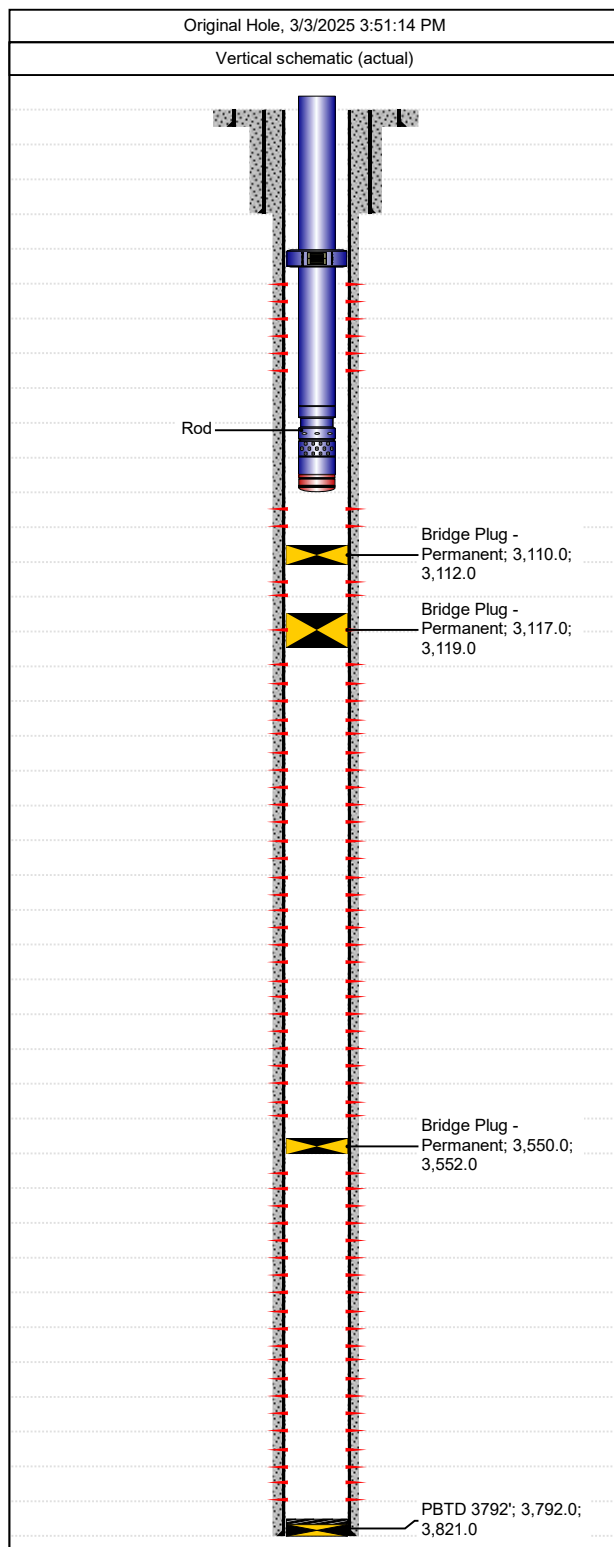
Downhole Well Profile

Well Name: TURNER B 93

API/UWI 3001526611	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST CENTRAL	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Initial Spud Date 1/1/1900 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

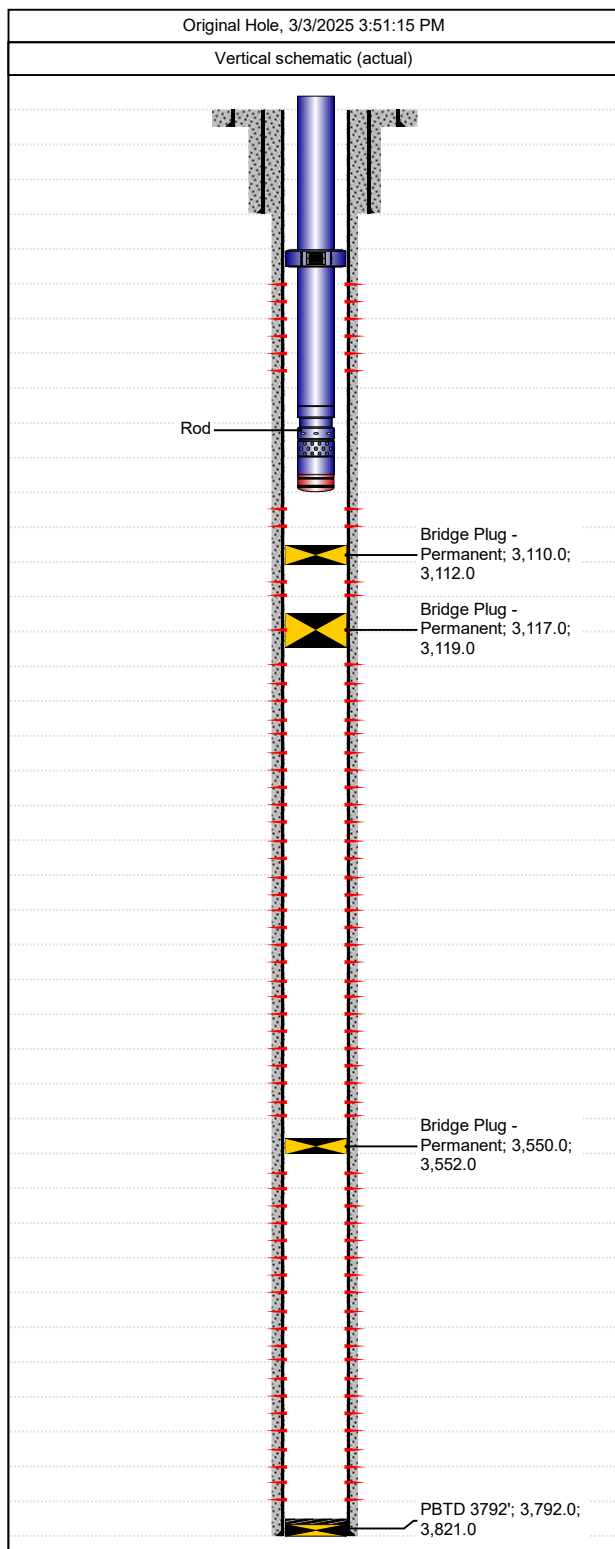
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top Thread	Set Depth (ftKB)
Surface	13 3/8	48.00	H-40		452.0
Intermediate	8 5/8	24.00	J-55		1,421.0
Production	5 1/2	15.50	J-55		3,821.0

Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
2/17/1991	2,864.0	2,864.0	GRAYBURG
2/17/1991	2,875.0	2,875.0	UPPER GRAYBURG
2/17/1991	2,894.0	2,894.0	UPPER GRAYBURG
2/17/1991	2,908.0	2,908.0	UPPER GRAYBURG
2/17/1991	2,936.0	2,936.0	MIDDLE GRAYGURG
2/17/1991	2,968.0	2,968.0	LOCO HILLS
2/17/1991	3,100.0	3,100.0	LOWER GRAYBURG
2/17/1991	3,102.0	3,102.0	LOWER GRAYBURG
2/17/1991	3,114.0	3,114.0	PREMIER
2/17/1991	3,116.0	3,116.0	PREMIER
2/17/1991	3,118.0	3,118.0	PREMIER
2/17/1991	3,120.0	3,120.0	PREMIER
2/17/1991	3,122.0	3,122.0	PREMIER
2/17/1991	3,192.0	3,192.0	PREMIER
2/17/1991	3,196.0	3,196.0	PREMIER
2/17/1991	3,198.0	3,198.0	PREMIER
2/17/1991	3,211.0	3,211.0	PREMIER
2/17/1991	3,212.0	3,212.0	PREMIER
2/15/1991	3,233.0	3,233.0	VACUUM
2/15/1991	3,244.0	3,244.0	VACUUM
2/15/1991	3,246.0	3,246.0	VACUUM
2/15/1991	3,250.0	3,250.0	VACUUM
2/15/1991	3,251.0	3,251.0	VACUUM
2/15/1991	3,258.0	3,258.0	VACUUM
2/15/1991	3,259.0	3,259.0	VACUUM
2/15/1991	3,260.0	3,260.0	VACUUM
2/15/1991	3,269.0	3,269.0	VACUUM
2/15/1991	3,270.0	3,270.0	VACUUM
2/15/1991	3,274.0	3,274.0	VACUUM
2/15/1991	3,275.0	3,275.0	VACUUM
2/15/1991	3,276.0	3,276.0	VACUUM
2/13/1991	3,330.0	3,330.0	VACUUM
2/13/1991	3,348.0	3,348.0	VACUUM
2/13/1991	3,350.0	3,350.0	VACUUM
2/13/1991	3,351.0	3,351.0	VACUUM
2/13/1991	3,361.0	3,361.0	LOVINGTON
2/13/1991	3,364.0	3,364.0	LOVINGTON
2/13/1991	3,365.0	3,365.0	LOVINGTON
2/13/1991	3,567.0	3,567.0	MIDDLE JACKSON
2/13/1991	3,568.0	3,568.0	MIDDLE JACKSON
2/13/1991	3,579.0	3,579.0	MIDDLE JACKSON
2/13/1991	3,580.0	3,580.0	MIDDLE JACKSON
2/13/1991	3,583.0	3,583.0	MIDDLE JACKSON
2/13/1991	3,584.0	3,584.0	MIDDLE JACKSON
2/13/1991	3,585.0	3,585.0	MIDDLE JACKSON
2/13/1991	3,586.0	3,586.0	MIDDLE JACKSON

Well Name: TURNER B 93

API/UWI 3001526611	Surface Legal Location	Field Name PBNM - PB-GRAYBURG WEST CENTRAL	Spud Date Notice Information	State/Province NM	Well Configuration Type
Original KB Elevation (ft)	KB-Tubing Head Distance (ft)	Initial Spud Date 1/1/1900 00:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)



Perforations							
Date	Top (ftKB)	Btm (ftKB)	Linked Zone				
2/11/1991	3,633.0	3,633.0	MIDDLE JACKSON				
2/11/1991	3,634.0	3,636.0	MIDDLE JACKSON				
2/11/1991	3,635.0	3,635.0	MIDDLE JACKSON				
2/11/1991	3,646.0	3,646.0	MIDDLE JACKSON				
2/11/1991	3,647.0	3,647.0	MIDDLE JACKSON				
2/11/1991	3,657.0	3,657.0	MIDDLE JACKSON				
2/11/1991	3,658.0	3,658.0	MIDDLE JACKSON				
2/11/1991	3,660.0	3,660.0	MIDDLE JACKSON				
2/11/1991	3,679.0	3,679.0	MIDDLE JACKSON				
2/11/1991	3,680.0	3,680.0	MIDDLE JACKSON				
2/11/1991	3,681.0	3,681.0	MIDDLE JACKSON				
Tubing Strings							
Tubing Description Tubing - Production		Run Date 2/9/2023	String Length (ft) 3,087.24		Set Depth (ftKB) 3,087.0		
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	2,800.02
Anchor/catcher	1			4 3/4	17.00	K-77	2.87
Tubing	8		T&C Upset	2 7/8	6.50	J-55	247.50
Pump Seating Nipple	1			2 7/8	6.50	J-55	1.10
PERF SUB	1			2 7/8	6.50	J-55	4.00
Tubing	1		T&C Upset	2 7/8	6.50	J-55	31.25
Bull Plug	1			2 7/8			0.50
Rod Strings							
Rod Description Rod		Run Date 2/9/2023	String Length (ft) 2,500.00		Set Depth (ftKB) 3,051.0		
Item Des	Jts	Make	Model	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Polished Rod	1	Norris	Sprayloy	1 1/2			26.00
Sucker Rod subs 4'	1	Norris	Grade 78	7/8	2.22	D	8.00
Sucker Rod	21	Norris	Grade 75	7/8	2.22	D	525.00
Sucker Rod	65	Norris	Grade 75	3/4	1.63	D	1,625.00
Sucker Rod	12	Norris	Grade 78	7/8	2.22	D	300.00
2.5 X 2 X 16' RHBC PUMP	1			2 1/2			16.00

Proposed Completion

KB: 3701.0'
 DF: 3700.0'
 GL: 3690.0'
 Datum: 11.0' above GL

Turner B 93
 Grayburg-Jackson Field

API # 3001526611
 1140' FSL & 2560' FWL
 Sec 20-T17S-R31E
 Eddy Co., NM

13-3/8" 48# H40 Casing
 TOC @ surf. Circ 10 sxs to surf

8-5/8" 24# J-55 Casing
 TOC @ surface. Circ 158 sxs to surf

452'

1421'

Put on sucker rod lift
 2-7/8" 6.5# J55 EUE 8R tbg

Proposed to add Seven Rivers Perfs:

1938'
 1966'
 2047'
 2065'
 2081'
 2210'
 2245'
 2258'
 2395'
 2401'
 2414'

11 holes total (1 JSPF 0 deg phased)
 Stimulate with 300M# proppant

Proposed to set CIBP @ 2800'
with 35' of cement

Top Perf 2864'
 13 holes (limited entry)
 Bottom Perf 3122'
 Hard fill @ 3110' (by workover Aug 2011)
 Top Perf 3192'
 25 holes (limited entry)
 Bottom Perf 3365'
 CIBP @ 3550' - 3552'
 Top Perf 3567'
 19 holes (limited entry)
 Bottom Perf 3681'
 3821'

PBTD = 3792' (initial)
 5-1/2" 15.5# J-55 Casing
 TOC @ surface. Circ 100 sxs to surf.

TD = 3821'

Turner B 93
Eddy Co., NM
API# 30-015-26611

Procedure to Recomplete to the Seven Rivers Intervals
3/03/25

Objective: Recomplete from Grayburg- San Andres intervals from 2864'...3681' to the Seven Rivers intervals, 1938'...2414'. 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 @ 2414', 2401', 2395', 2258', 2245', 2210', 2081', 2065', 2047', 1966', and 1938' (1 shot per foot a total of 11 total holes).
8. RIH with packer and 3-1/2" work string. Set packer at 1850'.
9. Install valve on 3-1/2" tbg.
10. Stimulate Seven Rivers intervals, 1938'... 2414'.
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 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/oecd/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 502745

CONDITIONS

Operator: LH Operating, LLC 27120 Fulshear Bend Drive Fulshear, TX 77441	OGRID: 329319
	Action Number: 502745
	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