

Well Name: ALLISON 602 FEDERAL COM	Well Location: T32N / R07W / SEC 12 / SESW / 36.989395 / -107.520453	County or Parish/State: SAN JUAN / NM
Well Number: 606H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM04207	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004538450	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2856405

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 06/05/2025	Time Sundry Submitted: 09:58
Date Operation Actually Began: 05/15/2025	

Actual Procedure: Attached please find the intermediate drilling and casing operations for the above mentioned well.

SR Attachments

PActual Procedure

Allison_602_Federal_Com_606H_SR_Int_Csg_20250605095750.pdf

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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: AMANDA WALKER	Signed on: JUN 05, 2025 09:58 AM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST	
City: HOUSTON	State: TX
Phone: (346) 237-2177	
Email address: MWALKER@HILCORP.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 06/06/2025
Signature: Matthew Kade	

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

<i>SUBMIT IN TRIPLICATE - Other instructions on page 2</i>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		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 recompleat 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 recompleation 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 / 202 FSL / 1931 FWL / TWSP: 32N / RANGE: 07W / SECTION: 12 / LAT: 36.989395 / LONG: -107.520453 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 2 / 0 FNL / 0 FEL / TWSP: 32N / RANGE: 06W / SECTION: 18 / LAT: 36.982512 / LONG: -107.491017 (TVD: 7131 feet, MD: 20630 feet)

PPP: SWNE / 0 FNL / 0 FEL / TWSP: 32N / RANGE: 07W / SECTION: 13 / LAT: 36.982581 / LONG: -107.509234 (TVD: 7131 feet, MD: 20630 feet)

PPP: SWNE / 2117 FNL / 2276 FEL / TWSP: 32N / RANGE: 07W / SECTION: 13 / LAT: 36.982609 / LONG: -107.517009 (TVD: 7131 feet, MD: 20630 feet)

PPP: SWNW / 0 FNL / 0 FEL / TWSP: 32N / RANGE: 06W / SECTION: 17 / LAT: 36.982512 / LONG: -107.491017 (TVD: 7131 feet, MD: 20630 feet)

BHL: SENE / 2011 FNL / 247 FEL / TWSP: 32N / RANGE: 06W / SECTION: 17 / LAT: 36.98245 / LONG: -107.473566 (TVD: 7131 feet, MD: 20630 feet)

CONFIDENTIAL

Allison 602 Federal Com 606H
3004538450
SR: Int Casing
Lease: NMNM04207

5/15/2025: Test BOPs to 250/3500/5000 psi. PT csg t/600 psi for 30 mins, good test. BLM Rep onsite to witness testing.

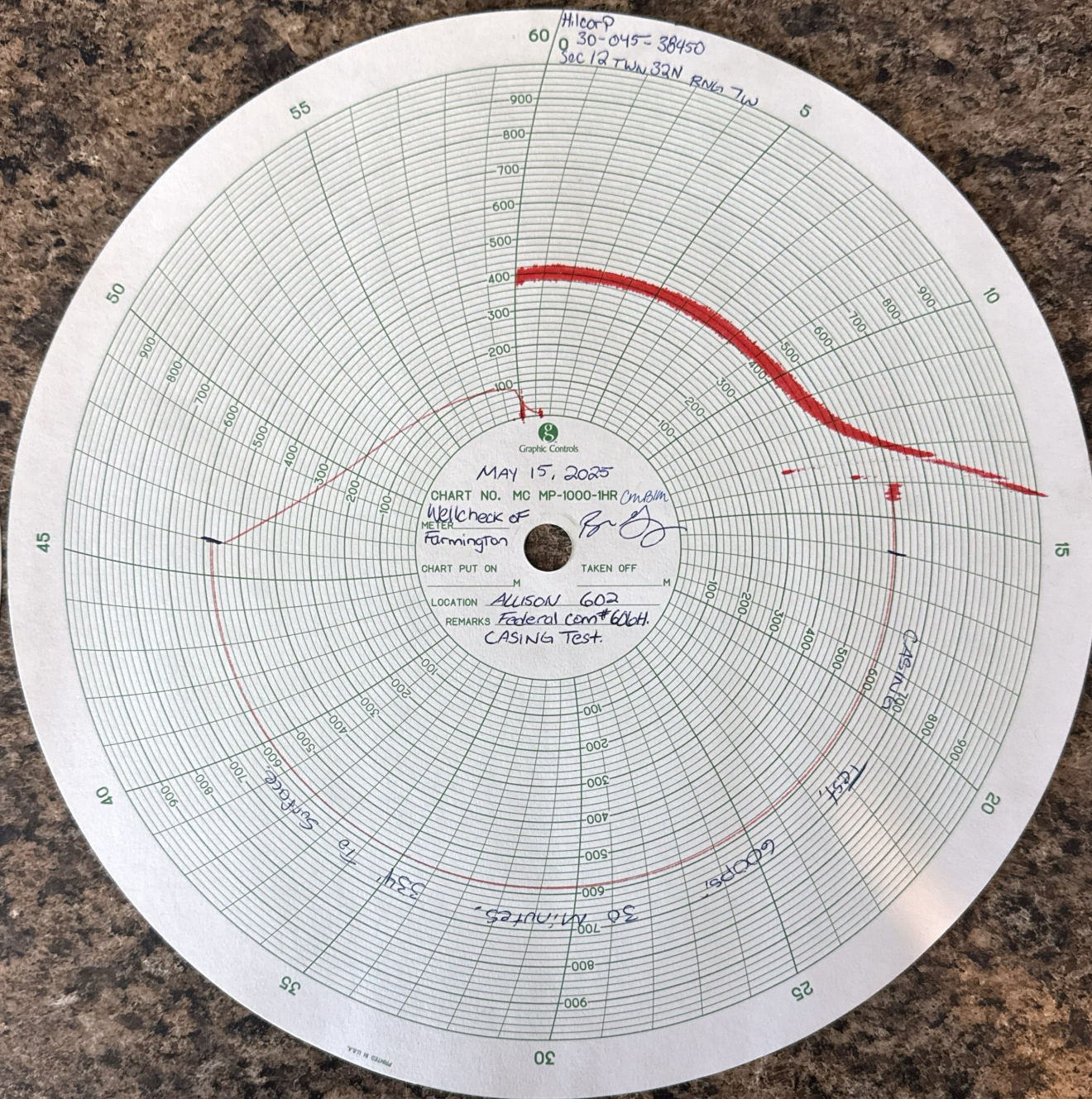
5/16/2025 – 5/28/2025: Drill Int hole w/12 1/4" from 322' to **TD @ 7042'**. Run 151 jts 9 5/8", 40# P-110 BTC intermediate csg and land @ 7022'. DV tools @ 6208' and 3010'.

Pumped first stage cmt as follows: 10 bbl H2O flush 68 bbls (124 sks) 11.5 ppg lead cmt (3.08 ft3/sk yield / 18.1 gal/sk) at 5 bpm 5.0% A-10, 2.0 lb/sk A-2, 0.5 lb/sk A-7P, 0.3% FL-24, 1.0 lb/sk IntegraSeal PHENO, .25 lb/sk IntegraSeal Poli, 0.5% R-7C, 7.0 lb/sk XCem-1018, 5.0 lb/sk XCem1204, 0.3% XCem-311 46.8 bbls (120 sks) 12.5 ppg tail cmt (2.19 ft3/sk / 12.0 gal/sk) at 5 bpm 5.0% A-10, 2.0 lb/sk A-2, 1.0 lb/sk IntegraSeal PHENO, .5 lb/sk IntegraSeal Poli, 0.4% R-7C, .01% anti static additive, 3.0 lb/sk XCem-1204, 0.3% XCem-311 Dropped bottom plug. Began displacing w/70 bbls H2O and 459 bbls 9.2 ppg WBM. Continued displacing w/70 bbls H2O and 459 bbls 9.2 ppg WBM. Plug did not bump. Checked floats (held). Bled back 0.5 bbls. Dropped DV tool opening bomb. Opened lower DV tool w/680 psi. Circulated bottoms up through lower DV tool at 200 gpm w/full returns. No cmt observed at surface. **Contacted Keith Dziokonski @ NMOCD via phone call and BLM via email to notify that there were no cmt returns to surf after opening stage tool 1. Approval received to move forward w/ second stage of cmt. CBL will be required on 9 5/8" prior to drilling out the csg shoe. Please see the attached emails.**

Pumped second stage cmt as follows: 10 bbl H2O flush 315.4 bbls (575 sks) 11.5 ppg lead cmt (3.08 ft3/sk yield / 18.1 gal/sk) at 5 bpm 5.0% A-10, 2.0 lb/sk A-2, 0.5 lb/sk A-7P, 0.3% FL-24, 1.0 lb/sk IntegraSeal PHENO, .25 lb/sk IntegraSeal Poli, 0.5% R-7C, 7.0 lb/sk XCem-1018, 5.0 lb/sk XCem1204, 0.3% XCem-311 Dropped closing plug. Displaced w/260 bbls H2O and 210 bbls 9.2 ppg WBM. Bumped plug w/1,000 psi over FCP of 897 psi. Bled back 2.5 bbls. Dropped DV tool opening bomb. Opened upper DV tool w/675 psi. Circulated bottoms up through upper DV tool at 200 gpm. 130 bbls of cmt observed at surface.

Pumped third stage cmt as follows: 10 bbl H2O flush 256.2 bbls (467sks) 11.5 ppg lead cmt (3.08 ft3/sk yield / 18.1 gal/sk) at 5 bpm 5.0% A-10, 3.0 lb/sk A-2, 2.0 lb/sk A-7P, 1.0 lb/sk IntegraSeal PHENO, .25 lb/sk IntegraSeal Poli, 5.0 lb/sk XCem-1018, 5.0 lb/sk XCem-1204, 0.3% XCem-311 Dropped closing plug. Displaced w/228 bbls H2O. Bumped plug w/1,000 psi over FCP of 610 psi. Bled back 2.5 bbls. 60 bbls cmt returns at surface.

Landed pack-off in WH. Tested upper/lower seals to 10Kk psi for 10 mins, good tst. Engaged pack off. ND BOP and RR @ 00:00 hrs on 5/28/2025. PT will be on next report.





Outlook

Hilcorp - Allison 602 Federal Com 606H - Nabors B29 Rig - Intermediate Cement Job

From Richy Winningham <Richard.Winningham@hilcorp.com>

Date Tue 5/27/2025 12:44 PM

To Keith.Dziokonski@emnrd.nm.gov <Keith.Dziokonski@emnrd.nm.gov>

Cc Mandi Walker <mwalker@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Nabors B29 <NaborsB29@hilcorp.com>

Good afternoon Keith,

As per our conversation this morning at 11:40 am CST, Hilcorp, on the Allison 602 Federal Com 606H well, utilizing Nabors B29 drilling rig, pumped the 1st stage (of 3 stage total) intermediate cement job. Losses were encountered during the cement job. Upon opening stage tool #1 and circulating, no cement was returned to surface from the top of stage tool #1.

**For reference, stage tool #1 was placed 100' above the top of the Point Lookout formation, a known loss zone, and stage tool #2 was placed 100' above the top of the Fruitland Coal formation, another known loss zone.*

As discussed, the plan forward will be to pump the 2nd stage of the cement job, close stage tool #1, open stage tool #2, circulate from top of stage tool #2 and pump the 3rd and final stage of the cement job. The rig will then skid to the Allison 601 Federal Com 604H (adjacent well on the 8 well pad) to begin drilling the intermediate section. Once the drilling rig is at least two wells away from the Allison 602 Federal Com 606H well (for space reasons), Hilcorp will have a workover rig move to the well, drill out the stage tool plugs, run a CBL on the 9-5/8" intermediate casing string (the entire casing string) and provide those results to the NMOCD prior to drilling out of the 9-5/8" casing shoe into new formation.

Please let me know if there are any issues or concerns with the plan forward.

Thank you for your time and attention to this matter.

Best regards,

Richy Winningham
Senior Drilling Engineer
O: 346.237.2184
C: 281.908.9827

richard.winningham@hilcorp.com

Hilcorp Energy Company



Re: [EXTERNAL] Hilcorp - Allison 602 Federal Com 606H - Nabors B29 Rig - Intermediate Cement Job

From Kade, Matthew H <mkade@blm.gov>

Date Tue 5/27/2025 1:02 PM

To Richy Winningham <Richard.Winningham@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>

Cc Mandi Walker <mwalker@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Nabors B29 <NaborsB29@hilcorp.com>

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Good afternoon,

Thank you for letting the BLM know. The BLM approves of moving forward with pumping Stage 2 and Stage 3 of the Intermediate Cement Job.

Respectfully,

Matthew Kade

Petroleum Engineer | Bureau of Land Management

Farmington Field Office | 6251 College Blvd., Suite A / Farmington, NM 87402

Office: 505-564-7736



From: Richy Winningham <Richard.Winningham@hilcorp.com>

Sent: Tuesday, May 27, 2025 11:44 AM

To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Craig Lingo <clingo@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Nabors B29 <NaborsB29@hilcorp.com>

Subject: [EXTERNAL] Hilcorp - Allison 602 Federal Com 606H - Nabors B29 Rig - Intermediate Cement Job

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon Kenneth & Matthew,

This morning, Hilcorp, on the Allison 602 Federal Com 606H well, utilizing Nabors B29 drilling rig, pumped the 1st stage (of 3 stage total) intermediate cement job. Losses were encountered during the cement job. Upon opening stage tool #1 and circulating, no cement was returned to surface from the top of stage tool #1.

**For reference, stage tool #1 was placed 100' above the top of the Point Lookout formation, a known loss zone, and stage tool #2 was placed 100' above the top of the Fruitland Coal formation, another known loss zone.*

With your approval, the plan forward will be to pump the 2nd stage of the cement job, close stage tool #1, open stage tool #2, circulate from top of stage tool #2 and pump the 3rd and final stage of the cement job. The rig will then skid to the Allison 601 Federal Com 604H (adjacent well on the 8 well pad) to begin drilling the intermediate section. Once the drilling rig is at least two wells away from the Allison 602 Federal Com 606H well, Hilcorp will have a workover rig move to the well, drill out the stage tool plugs, run a CBL on the 9-5/8" intermediate casing string (the entire casing string) and provide those results to the BLM prior to drilling out of the 9-5/8" casing shoe into new formation.

Please let me know if there are any issues or concerns with the plan forward.

Thank you for your time and attention to this matter.

Best regards,

Richy Winningham
Senior Drilling Engineer
O: 346.237.2184
C: 281.908.9827

richard.winningham@hilcorp.com

Hilcorp Energy Company

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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 471494

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 471494
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
keith.dziokonski	Report pressure test on next sundry. Include test pressure and duration.	6/17/2025
keith.dziokonski	Please submit intermediate CBL for review. Thank you	6/17/2025