

Well Name: LAMBE	Well Location: T31N / R10W / SEC 20 / SENE / 36.885921 / -107.899444	County or Parish/State: SAN JUAN / NM
Well Number: 2C	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM03187	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004530747	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2831045

Type of Submission: Notice of Intent Type of Action: Plug Back

Date Sundry Submitted: 01/10/2025 Time Sundry Submitted: 08:16

Date proposed operation will begin: 01/10/2025

Procedure Description: Hilcorp Energy requests to plugback the Dakota & Gallup formations in the subject well per the attached procedure and wellbore diagrams.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Lambe_2C_Plug_Back_NOI_20250110081603.pdf

Received by OCD: 1/10/2025 9:10:26 AM

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Conditions of Approval

Specialist Review

General_Requirement_PxA_20250110085451.pdf
Lambe_2C_ID_2831045_Plug_Back_COAs_MHK_01.10.2025_20250110085440.pdf
Lambe_2C_ID_2831045_Geo_Report_MHK_20250110085440.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: TAMMY JONES

Signed on: JAN 10, 2025 08:16 AM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTECState: NM

Phone: (505) 324-5185

Email address: TAJONES@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: Approved

Disposition Date: 01/10/2025

Signature: Matthew Kade

Proposed Cement Remediation Procedure - NOI**Lambe 2C****API # - 3004530747****Procedure:**

Hold PJSM prior to beginning any and all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines.

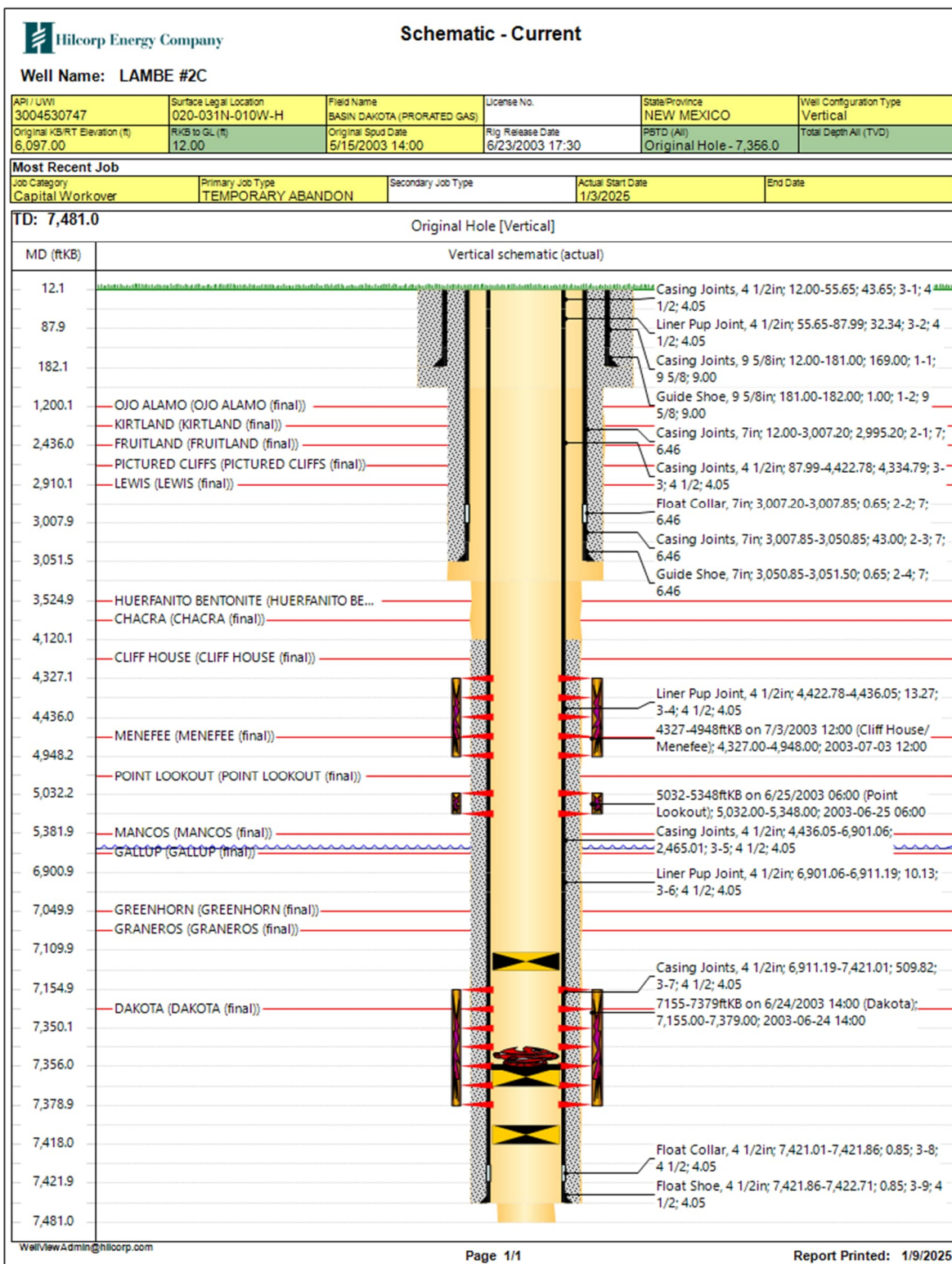
Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.

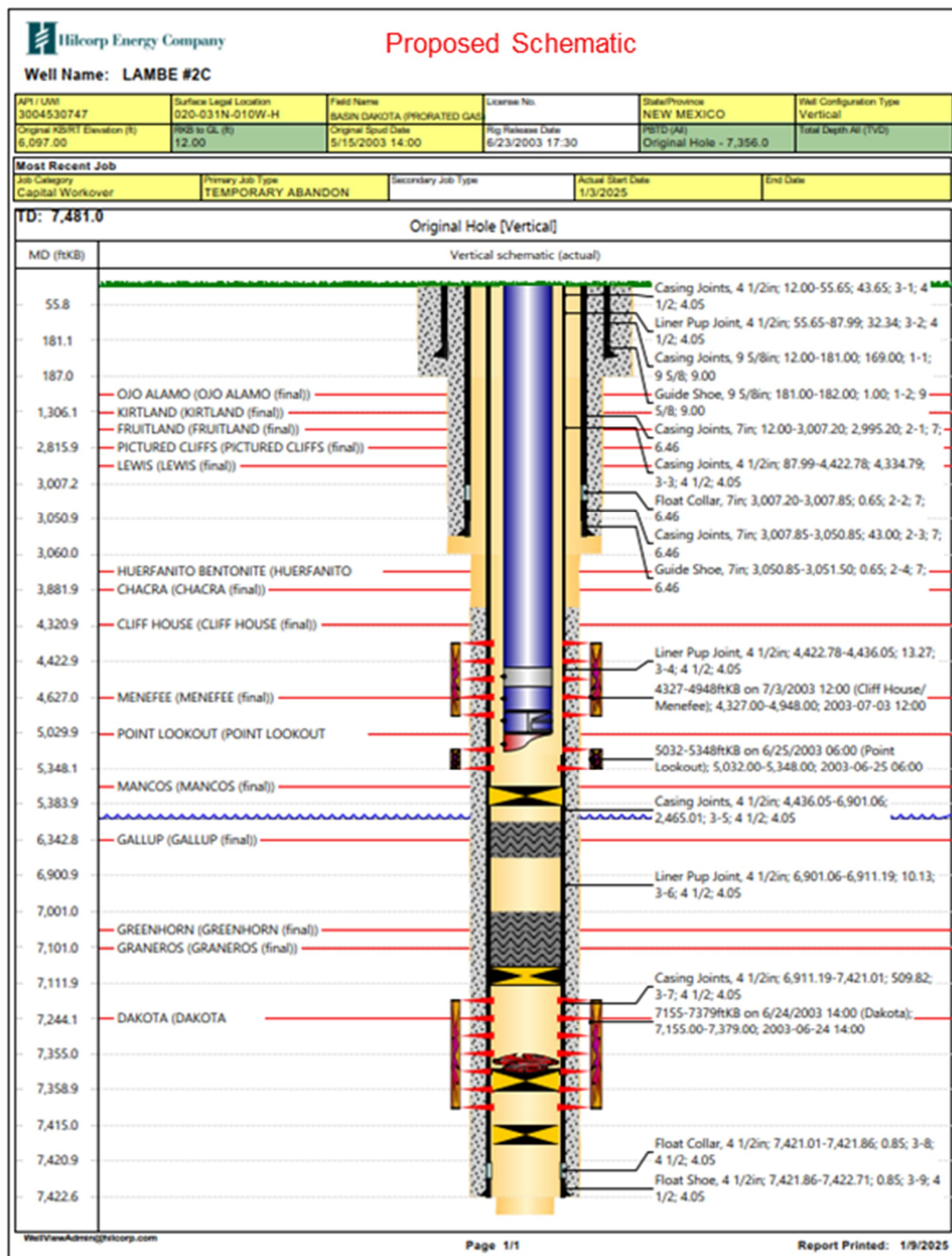
Verify there is no H2S present prior to beginning operations. If any H2S is present, take the necessary actions to ensure that the location is safe prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations.

Remember to notify NMOCD 24 hours prior to starting operations on location.

1. Contact NMOCD and BLM (Where Applicable 24 hours prior to MIRU).
2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC Safety and environmental regulations.
3. MIRU service rig and associated equipment; NU and test BOP.
4. See CBL Dated 5/25/2003. TOC @ 4,120'
5. PU & TIH w/ work string to +/- 7,101'.
6. **PLUG #1: Pump minimum of 8 Sacks of Class G Cement (15.8 PPG, 1.15 yield); across Graneros Formation Top @ 7,101'.** Pump a minimum 8 sack balance plug inside the 4-1/2" casing. **EST TOC 7,001', EST BOC 7,110'**. Wait on cement for 4 hours, tag TOC w/ work string.
7. POOH w/ work string to +/- 6,393'.
8. **PLUG #2: Pump minimum of 16 Sacks of Class G Cement (15.8 PPG, 1.15 yield); across Gallup Formation Top @ 6,343'.** Pump a minimum 16 sack balance plug inside the 4-1/2" casing. **EST TOC 6,243', EST BOC 6,393'**. Wait on cement for 4 hours, tag TOC w/ work string.
9. POOH w/ Work String.
10. PU CIBP and set at Mancos Formation Top 5,382' (34' from bottom Mesaverde perforation)
11. TOOH w/ work string.
12. Run 2-3/8" Production TBG and land +/-5,300'





**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d) and 43 CFR 3172.12(a)(10). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

BLM FLUID MINERALS Plug Back Geologic Report

Date Completed: 01/10/2025

Well No.: Lambe 2C (API 30-045-30747)	Location:	1965'	FNL	&	1865'	FEL
Lease No.: NMNM03187	SENE	Sec. 20	T31N	R10W		
Operator: Hilcorp Energy Company	County:	San Juan	State:	New Mexico		
Total Depth: 7481' (TD)	Formation:	Dakota, Mesaverde				
Elevation (GL): 6096'	Elevation (KB):					

Geologic Formations	Top	Remarks
San Jose Fm		Surface/freshwater sands
Nacimiento Fm		Possible freshwater sands
Ojo Alamo Ss		Aquifer (possible freshwater)
Kirtland Shale		
Fruitland Fm		Coal/Gas/Possible water
Pictured Cliffs Ss		Gas
Lewis Shale		
Chacra		Gas
Cliff House Ss		Water/Possible gas
Menefee Fm		Coal/Ss/Water/Possible O&G
Point Lookout Ss		Probable water/Possible O&G
Mancos Shale	5360'	
Gallup	6343'	O&G/Water
Greenhorn	7050'	
Graneros Shale	7101'	
Dakota Ss		O&G/Water

Remarks:

- Formation tops for Graneros Shale, Gallup, and Mancos Shale confirmed by BLM Geologist Alek Knapowski

Reference Well(s):

Same

Prepared by: Matthew Kade



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
6251 College Boulevard, Suite A
Farmington, New Mexico 87402
<http://www.blm.gov/nm>



January 10, 2025

CONDITIONS OF APPROVAL

Sundry Notice of Intent ID # 2831045 Proposed Work for Plug Back

Operator: Hilcorp Energy Company
Lease: NMNM03187
Well(s): Lambe 2C, API # 30-045-30747
Location: SENE Sec 20 T31N R10W (San Juan County, NM)

The request to plug back the above well is approved with the following conditions:

1. Farmington Field Office is to be notified at least 24 hours before plugging operations commence at (505) 564-7750.
2. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases". All requirements are valid except for 8.0 and 9.0 which are for permanent abandonment.
3. After work is completed, send in Sundry Notice – Subsequent Report detailing actual work completed with exact dates (month, day, year). And the updated wellbore schematic. The report must be submitted within 30 days after work is completed.

For questions concerning this matter, please contact Matthew Kade, Petroleum Engineer at the BLM Farmington Field Office, at (505) 564-7736 or mkade@blm.gov.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 419408

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 419408
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	1/10/2025