

Well Name: REID	Well Location: T28N / R9W / SEC 19 / NESE / 36.644684 / -107.823227	County or Parish/State: SAN JUAN / NM
Well Number: 25	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM01772A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004523109	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2827897

Type of Submission: Notice of Intent      Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/17/2024      Time Sundry Submitted: 01:53

Date proposed operation will begin: 03/03/2025

Procedure Description: Hilcorp Energy Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Vite was not conducted as surface is FEE. A closed loop system will be used.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2024\_12\_16\_\_REID\_25\_\_P\_A\_NOI\_20241217135250.pdf

Received by OCD: 1/6/2025 7:49:01 AM

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Lease Number: NMNM01772A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004523109	Operator: HILCORP ENERGY COMPANY	

Conditions of Approval

Additional

General\_Requirement\_PxA\_20241220154959.pdf  
2827897\_25\_3004523109\_NOIA\_KR\_12202024\_20241220154951.pdf  
Reid\_25\_Geo\_Rpt\_20241220122229.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: DEC 17, 2024 01:53 PM

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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 12/20/2024

Signature: Kenneth Rennick



**HILCORP ENERGY COMPANY**  
**REID 25**  
**P&A NOI**

API #: 3004523109

**JOB PROCEDURES**

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. Set a 4-1/2" CIBP or CICR at +/- 4,293' to isolate the MV Perfs.
5. Load the well as needed. Pressure test the casing above the plug to 560 psig.
6. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
7. PU & TIH w/ work string to +/- 4,293'.
8. **PLUG #1: 55sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 4,343' | MV Top @ 3,698':**  
 Pump a 55 sack balanced cement plug inside the 4-1/2" liner (est. **TOC @ +/- 3,598'** & est. **BOC @ +/- 4,293'**). Wait on Cement for 4 hours, tag TOC w/ work string. \*Note cement plug lengths & volumes account for excess.
9. Load the well as needed. Pressure test the casing above the plug to 560 psig.
10. POOH w/ work string to +/- 3,035'.
11. **PLUG #2: 12sx of Class G Cement (15.8 PPG, 1.15 yield); CHC Top @ 2,985':**  
 Pump a 12 sack balanced cement plug inside the 4-1/2" liner (est. **TOC @ +/- 2,885'** & est. **BOC @ +/- 3,035'**). \*Note cement plug lengths & volumes account for excess.
12. POOH w/ work string to +/- 2,391'.
13. **PLUG #3: 144sx of Class G Cement (15.8 PPG, 1.15 yield); Int. Casing Shoe @ 2,341' | Liner Top @ 2,196' | PC Top @ 2,041' | FRD Top @ 1,652':**  
 Pump a 144 sack balanced cement plug (est. **TOC @ +/- 1,552'** & est. **BOC @ +/- 2,391'**), leaving ~16sx inside the 4-1/2" liner from 2,196' to 2,391' & ~128sx inside the 7" casing from 1,552' to 2,196'. \*Note cement plug lengths & volumes account for excess.
14. POOH w/ work string to +/- 1,291'.
15. **PLUG #4: 56sx of Class G Cement (15.8 PPG, 1.15 yield); KRD Top @ 1,241' | OJO Top @ 1,109':**  
 Pump a 56 sack balanced cement plug inside the 7" casing (est. **TOC @ +/- 1,009'** & est. **BOC @ +/- 1,291'**). \*Note cement plug lengths & volumes account for excess.
16. TOOH w/ work string. TIH and perforate squeeze holes @ +/- 281'. TIH with tubing/work string.
17. **PLUG #5: 97sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 231' | NAC Top @ 201':**  
 Pump 7sx of cement in the 7" casing X 8-3/4" open hole annulus (est. **TOC @ +/- 231'** & est. **BOC @ +/- 281'**). Continue pumping 34sx of cement in the 7" casing X 9-5/8" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 231'**). Pump an 56 sack balanced cement plug inside the 7" casing (est. **TOC @ +/- 0'** & est. **BOC @ +/- 281'**). WOC for 4 hrs, tag TOC w/ work string.
18. ND BOP, cut off casing below casing flange. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



**HILCORP ENERGY COMPANY**  
**REID 25**  
**P&A NOI**

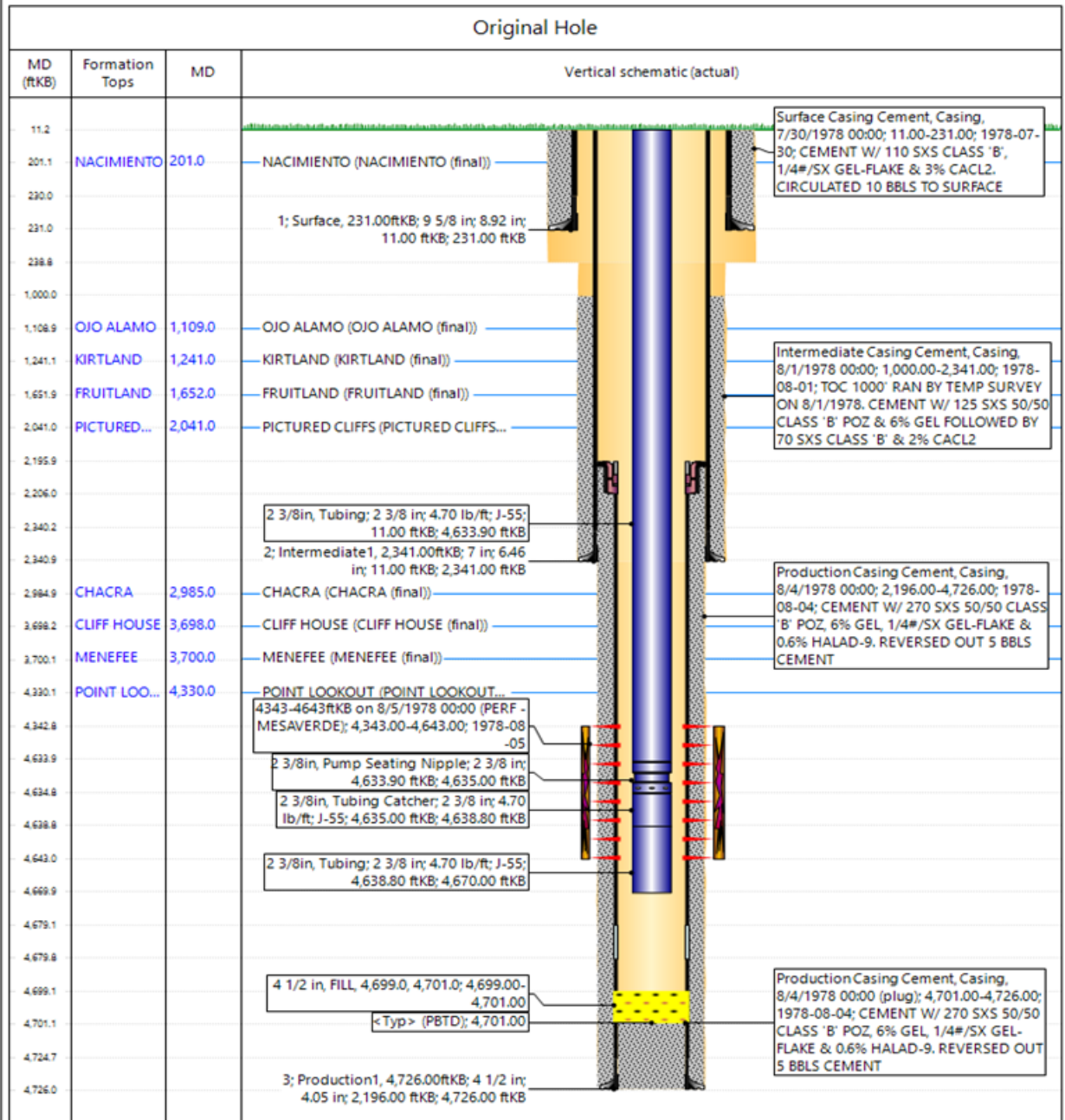
**REID 25 - CURRENT WELLBORE SCHEMATIC**



**P&A WBD - Current Schematic**

**Well Name: REID #25**

API / UWI 3004523109	Surface Legal Location 019-028N-009VV-I	Field Name BLANCO MESA VERDE (PRORATED ON)	Route 0807	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,875.00	Original KBRT Elevation (ft) 5,886.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)



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Report Printed: 12/16/2024



**HILCORP ENERGY COMPANY**  
**REID 25**  
**P&A NOI**

## REID 25 - PROPOSED WELLBORE SCHEMATIC



### P&A WBD - Proposed Schematic

Well Name: REID #25

API / UWI 3004523109	Surface Legal Location 019-028N-009W-1	Field Name BLANCOMESA/VERDE (PRORATED ON)	Route 0807	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,875.00	Original K/SRT Elevation (ft) 5,886.00	Tubing Hanger Elevation (ft)	R/KS to GL (ft) 11.00	K/S-Casing Flange Distance (ft)	K/S-Tubing Hanger Distance (ft)

Original Hole			
MD (ftKB)	Formation Tops	MD	Vertical schematic (proposed)
11.2			
201.1	NACIMIENTO	201.0	
230.0			
231.0			1; Surface, 231.00ftKB; 9 5/8 in; 8.92 in; 11.00 ftKB; 231.00 ftKB
238.8			
280.8			281-281ftKB on 12/31/2024 00:00 (SQUEEZE PERFS); 281.00; 2024-12-31
1,000.0			
1,008.9			
1,108.9	OJO ALAMO	1,109.0	
1,241.1	KIRTLAND	1,241.0	
1,291.0			
1,881.8			
1,881.9	FRUITLAND	1,652.0	
2,041.0	PICTURED C...	2,041.0	
2,198.9			
2,206.0			
2,340.2			
2,340.9			2; Intermediate1, 2,341.00ftKB; 7 in; 6.46 in; 11.00 ftKB; 2,341.00 ftKB
2,391.1			
2,884.8			
2,984.9	CHACRA	2,985.0	
3,038.1			
3,698.1	CLIFF HOUSE	3,698.0	
3,700.1	MENELEE	3,700.0	
4,293.0			4.05 in, CIBP or CICR, 4,293.0; 4,295.0; 4,293.00-4,295.00
4,294.9			
4,330.1	POINT LOO...	4,330.0	
4,342.8			4343-4643ftKB on 8/5/1978 00:00 (PERF - MESAVERDE); 4,343.00-4,643.00; 1978-08-05
4,643.0			
4,679.1			
4,679.8			
4,699.1			4.05 in, FILL, 4,699.0; 4,701.0; 4,699.00-4,701.00
4,701.1			<Typ> (PBDT); 4,701.00
4,724.7			
4,726.0			3; Production1, 4,726.00ftKB; 4 1/2 in; 4.05 in; 2,196.00 ftKB; 4,726.00 ftKB
			PLUG #5b: Surf. Csg. Shoe & NAC, Plug, 12/31/2024 00:00; 11.00-281.00; 2024-12-31; 56sx Class G (1.15 yld) Surface Casing Cement, Casing, 7/30/1978 00:00; 11.00-231.00; 1978-07-30; CEMENT W/ 110 SXS CLASS 'B', 1/4#/SX GEL-FLAKE & 3% CACL2. CIRCULATED 10 BBLs TO SURFACE PLUG #5a: Surf. Csg. Shoe & NAC, Casing, 12/31/2024 00:00; 11.00-281.00; 2024-12-31; 41sx Class G (1.15 yld) PLUG #4: KR D & OJO, Plug, 12/31/2024 00:00; 1,009.00-1,291.00; 2024-12-31; 56sx Class G (1.15 yld) PLUG #3b: Int. Csg Shoe, Liner Top, PC, & FRD, Plug, 12/31/2024 00:00; 1,552.00-2,196.00; 2024-12-31; 128sx Class G (1.15 yld) Intermediate Casing Cement, Casing, 8/1/1978 00:00; 1,000.00-2,341.00; 1978-08-01; TOC 1000' RAN BY TEMP SURVEY ON 8/1/1978. CEMENT W/ 125 SXS 50/50 CLASS 'B' POZ & 6% GEL FOLLOWED BY 70 SXS CLASS 'B' & 2% CACL2 PLUG #3a: Int. Csg Shoe, Liner Top, PC, & FRD, Plug, 12/31/2024 00:00; 2,196.00-2,391.00; 2024-12-31; 16sx Class G (1.15 yld) PLUG #2: CHC, Plug, 12/31/2024 00:00; 2,885.00-3,035.00; 2024-12-31; 12sx Class G (1.15 yld) Production Casing Cement, Casing, 8/4/1978 00:00; 2,196.00-4,726.00; 1978-08-04; CEMENT W/ 270 SXS 50/50 CLASS 'B' POZ, 6% GEL, 1/4#/SX GEL-FLAKE & 0.6% HALAD-9. REVERSED OUT 5 BBLs CEMENT PLUG #1: MV Perfs & MV, Plug, 12/31/2024 00:00; 3,598.00-4,293.00; 2024-12-31; 55sx Class G (1.15 yld) Production Casing Cement, Casing, 8/4/1978 00:00 (plug); 4,701.00-4,726.00; 1978-08-04; CEMENT W/ 270 SXS 50/50 CLASS 'B' POZ, 6% GEL, 1/4#/SX GEL-FLAKE & 0.6% HALAD-9. REVERSED OUT 5 BBLs CEMENT

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Report Printed: 12/16/2024



**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 H<sub>2</sub>S.

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). 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 - FFO - Geologic Report****Date Completed** 12/20/2024

Well: Reid 25

Lease: NMNM01772A

Surf. Loc. 1650

Sec. 19

FSL 790

T28N

FEL

R9W

Operator Hilcorp Energy Co.

TD 4726 PBSD 4701

Elevation: GL 5875

County San Juan

State

New Mexico

Formation: Basin/Blanco Mesa Verde

Elevation: Est. KB 5886

**Geologic Formations Est. tops Subsea Elev.**

Nacimiento Fm. Surface

Ojo Alamo Ss 970 4916

Kirtland Fm. 1118 4768

Fruitland Fm. 1652 4234

Pictured Cliffs 2041 3845

Lewis Shale (main) 2119 3767

Huerfanito Bentonite 2249 3637

Chacra (Upper) 2611 3275

Chacra (lower) 3039 2847

Lewis Sh stringer 3469 2417

Cliff House 3612 2274

Menefee Fm. 3949 1937

Point Lookout Fm. 4330 1556

Mancos Shale 4689 1197

**Remarks**

Surface /fresh water sands

Aquifer (fresh water)

Coal/gas/possible water

Possible water

Reference bed

Possible water or dry

Possible gas, water

Possible gas, water

Coal/ss/water/possible gas

Possible gas, water

Petroleum source rock

**Remarks:**

- Vertical wellbore - all fm. tops are TVD. BSC = behind surface casing.

-Modify the Plug 2 TOC to 2939' and the BOC to 3089' to account for the BLM geologist's pick for the lower Chacra.

-Modify the Plug 4 TOC to 870' to account for the BLM geologist's pick for the Ojo Alamo formation.

**Reference Well:**

Burlington Resources

Reid 21E

1850' FSL, 790 FEL

28N-9W-19I

GL= 5865', KB= 5877'

Prepared by: Walter Gage





# 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>



## CONDITIONS OF APPROVAL

December 20, 2024

### Notice of Intent – Plug and Abandonment

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**Operator:** Dugan Production Corporation  
**Lease:** NMNM01772A  
**Well(s):** Reid 25, US Well # 30-045-23109  
**Location:** NESE Sec 19 T28N R9W (San Juan County, NM)  
**Sundry Notice ID #:** 2827897

The Notice of Intent to Plug and Abandon is accepted with the following Conditions of Approval (COA):

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modifications to your plugging program are to be made:
  - a. Modify the Plug 2 TOC to 2939' and the BOC to 3089' to account for the BLM geologist's pick for the Lower Chacra.
  - b. Modify the Plug 4 TOC to 870' to account for the BLM geologist's pick for the Ojo Alamo formation.
3. **Notification:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564 7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 12/20/2024

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 417046

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 417046
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	NMOCD agrees with BLM picks on formation tops adjust all plugs accordingly - fill is at top of Mancos - add mancos plug - add upper chacra plug at 2611 Notify NMOCD 24 hours prior to moving on - Monitor string pressures daily report on subsequent - submit all logs prior to subsequent	1/8/2025