

Well Name: NAVAJO	Well Location: T25N / R10W / SEC 11 / NENE / 36.420486 / -107.859299	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: 14206031328	Unit or CA Name: SWI4223	Unit or CA Number: NMNM75902
US Well Number: 3004505519	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2857974

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/13/2025	Time Sundry Submitted: 07:53
Date proposed operation will begin: 09/01/2025	

**Procedure Description:** Hilcorp Energy Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 5/7/2025 with BLM/BIA. The Re-Vegetation Plan is attached. A closed loop system will be used.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2025\_06\_12\_NAVAJO\_2\_P\_A\_NOI\_20250613075255.pdf

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US Well Number: 3004505519	Operator: HILCORP ENERGY COMPANY	

Conditions of Approval

Authorized

General\_Requirement\_PxA\_20250904075516.pdf  
2857974\_2\_3004505519\_NOIA\_KR\_09042025\_20250904075502.pdf  
Navajo\_2\_Geo\_Rpt\_20250904075234.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: JUN 13, 2025 07:53 AM  
Name: HILCORP ENERGY COMPANY  
Title: Regulatory Compliance Specialist  
Street Address: 382 ROAD 3100  
City: AZTEC State: 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: 09/04/2025  
Signature: Kenneth Rennick



# HILCORP ENERGY COMPANY

## NAVAJO 2

### P&A NOI

API #:	3004505519
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#### 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 +/- 6,645' to isolate the DK 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 +/- 6,645'.
8. **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 6,692' | GRN Top @ 6,595':**  
Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 6,495' & est. BOC @ +/- 6,645'). Wait on Cement for 4 hours, tag TOC w/ work string. \*Note cement plug lengths & volumes account for excess.
9. PUH w/ work string. TIH & perforate squeeze holes @ +/- 5,690'. Establish circulation.
10. **PLUG #2: 52sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 5,674':**  
Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 5,490' & est. BOC @ +/- 5,690'). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 5,540' & est. BOC @ +/- 5,690'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
11. PUH w/ work string. TIH & perforate squeeze holes @ +/- 4,888'. Establish circulation.
12. **PLUG #3: 52sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 4,838':**  
Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 4,688' & est. BOC @ +/- 4,888'). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 4,738' & est. BOC @ +/- 4,888'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
13. PUH w/ work string. TIH & perforate squeeze holes @ +/- 3,641'. Establish circulation.
14. **PLUG #4: 52sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 3,591':**  
Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 3,441' & est. BOC @ +/- 3,641'). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 3,491' & est. BOC @ +/- 3,641'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
15. PUH w/ work string. TIH & perforate squeeze holes @ +/- 3,021'. Establish circulation.
16. **PLUG #5: 52sx of Class G Cement (15.8 PPG, 1.15 yield); CHC Top @ 2,971':**  
Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 2,821' & est. BOC @ +/- 3,021'). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 2,871' & est. BOC @ +/- 3,021'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
17. PUH w/ work string to +/- 2,437'.
18. **PLUG #6: 32sx of Class G Cement (15.8 PPG, 1.15 yield); DV Tool #1 Top @ 2,387' | PC Top @ 2,127':**  
Pump a 32 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 2,027' & est. BOC @ +/- 2,437').
19. TIH & perforate squeeze holes @ +/- 1,712'. RIH w/ 4-1/2" CICR and set CICR @ +/- 1,662'. TIH w/ work string & sting into CICR. Establish injection.
20. **PLUG #7: 160sx of Class G Cement (15.8 PPG, 1.15 yield); FRD Top @ 1,662' | KR D Top @ 1,376' | OJO Top @ 1,269':**  
Pump 118sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 1,119' & est. BOC @ +/- 1,712'). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. TOC @ +/- 1,662' & est. BOC @ +/- 1,712'). Sting out of retainer, pump a 38 sack balanced cement plug on top of the CICR. (est. TOC @ +/- 1,169' & est. BOC @ +/- 1,662'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
21. TOOH w/ work string. TIH & perforate squeeze holes @ +/- 302'. Establish circulation.
22. **PLUG #8: 88sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 252':**  
Pump 10sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 252' & est. BOC @ +/- 302'). Continue pumping 55sx of cement in the 4-1/2" casing X 8-5/8" casing annulus (est. TOC @ +/- 0' & est. BOC @ +/- 252'). Pump a 23 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 0' & est. BOC @ +/- 302'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
15. ND BOP, cut off Wellhead. 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

## NAVAJO 2

### P&A NOI

## NAVAJO 2 - CURRENT WELLBORE SCHEMATIC

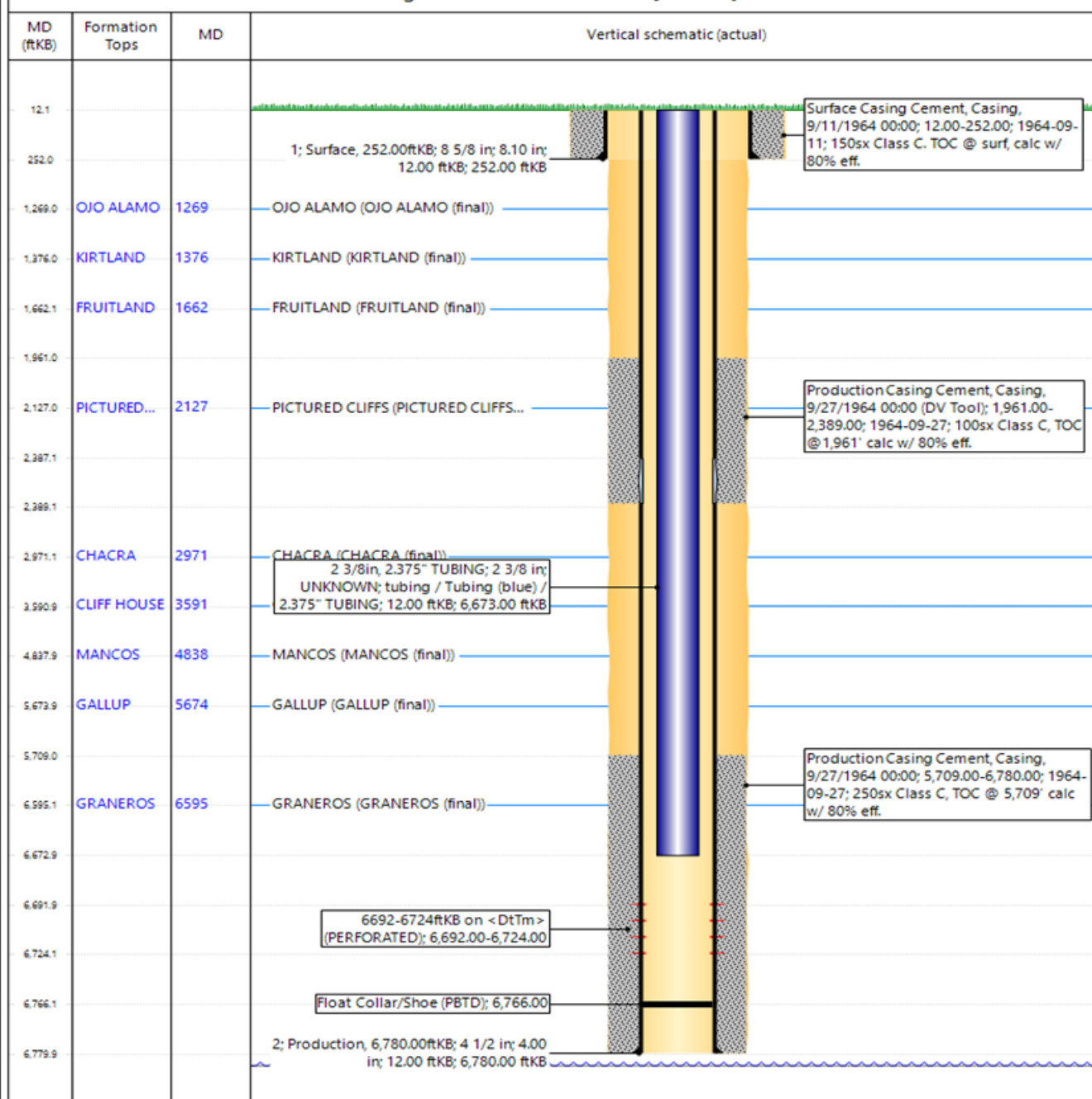


## P&amp;A WBD - Current Schematic

Well Name: NAVAJO 02

API / UWI 3004505519	Surface Legal Location A-11-25N-10W	Field Name BASIN	Route 0610	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,856.00	Original KB/RT Elevation (ft) 6,868.00	Tubing Hanger Elevation (ft) 12.00	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, NAVAJO 2-11 [Vertical]





# HILCORP ENERGY COMPANY NAVAJO 2 P&A NOI

## NAVAJO 2 - PROPOSED WELLBORE SCHEMATIC

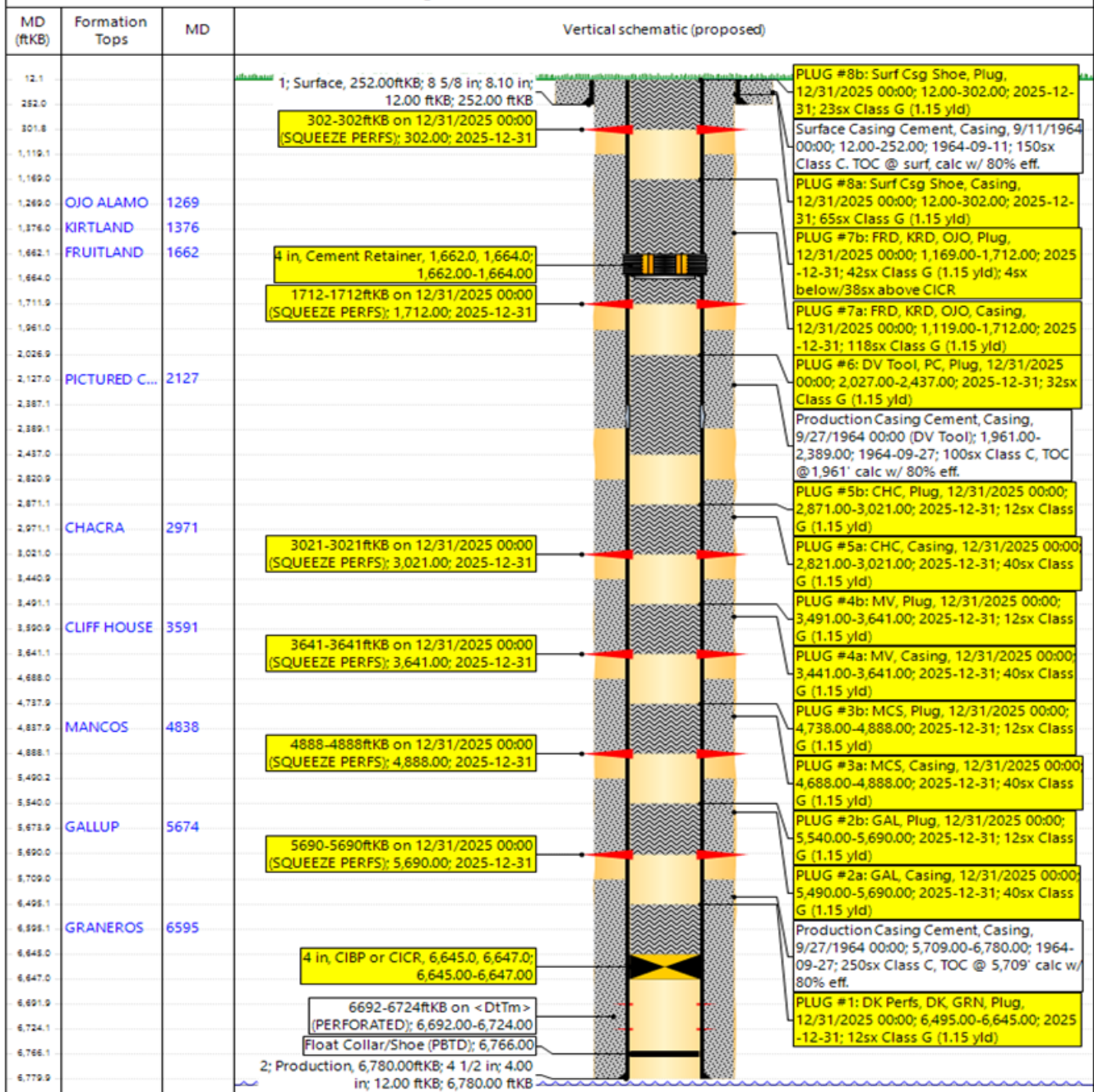


## P&amp;A WBD - Proposed Schematic

Well Name: NAVAJO 02

API / UWI 3004605519	Surface Legal Location A-11-25N-10W	Field Name BASIN	Route 0610	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,856.00	Original KBRT Elevation (ft) 6,868.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, NAVAJO 2-11 [Vertical]



Page 1/1

Report Printed: 6/13/2025



Hilcorp Energy  
P&A Final Reclamation Plan  
**Navajo 2**  
API: 30-045-05519  
T25N-R10W-Sec. 11  
LAT: 36.420663 LONG: -107.859288 NAD 27  
Footage: 790 FNL & 790' FEL  
San Juan County, NM

**1. PRE- RECLAMATION SITE INSPECTION**

A pre-reclamation site inspection was completed with Roger Herrera, from the BLM, Laverna Jaquez, BIA Navajo Regio, and Bryan Hall, Hilcorp Energy SJ South Construction Foreman on May 7, 2025.

**2. LOCATION RECLAMATION PROCEDURE**

1. Final reclamation will occur in Summer.
2. Removal of all equipment, anchors, flowlines.
3. Remove and plug cathodic.
4. Check BGT permit status on this location.
5. Close out BGT on location when results permit as needed.
6. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
7. Remove fence around location.
8. Remove all gravel from berms, pads, and meter run. Utilize gravel on main road.
9. Pad is close to on contour with surroundings. Rip, disk and seed bare ground.
10. Do not disturb growth on location.
11. Meter run will be removed, pipeline will be stripped back 50' off location by HEC.

**3. ACCESS ROAD RECLAMATION PROCEDURE**

1. Access road will be reclaimed back to the intersection.
2. Edges of the road will be pulled in as much as possible to facilitate natural terrain.
3. Water bars and silt traps will be installed as needed.
4. Road will have a berm installed to block access.

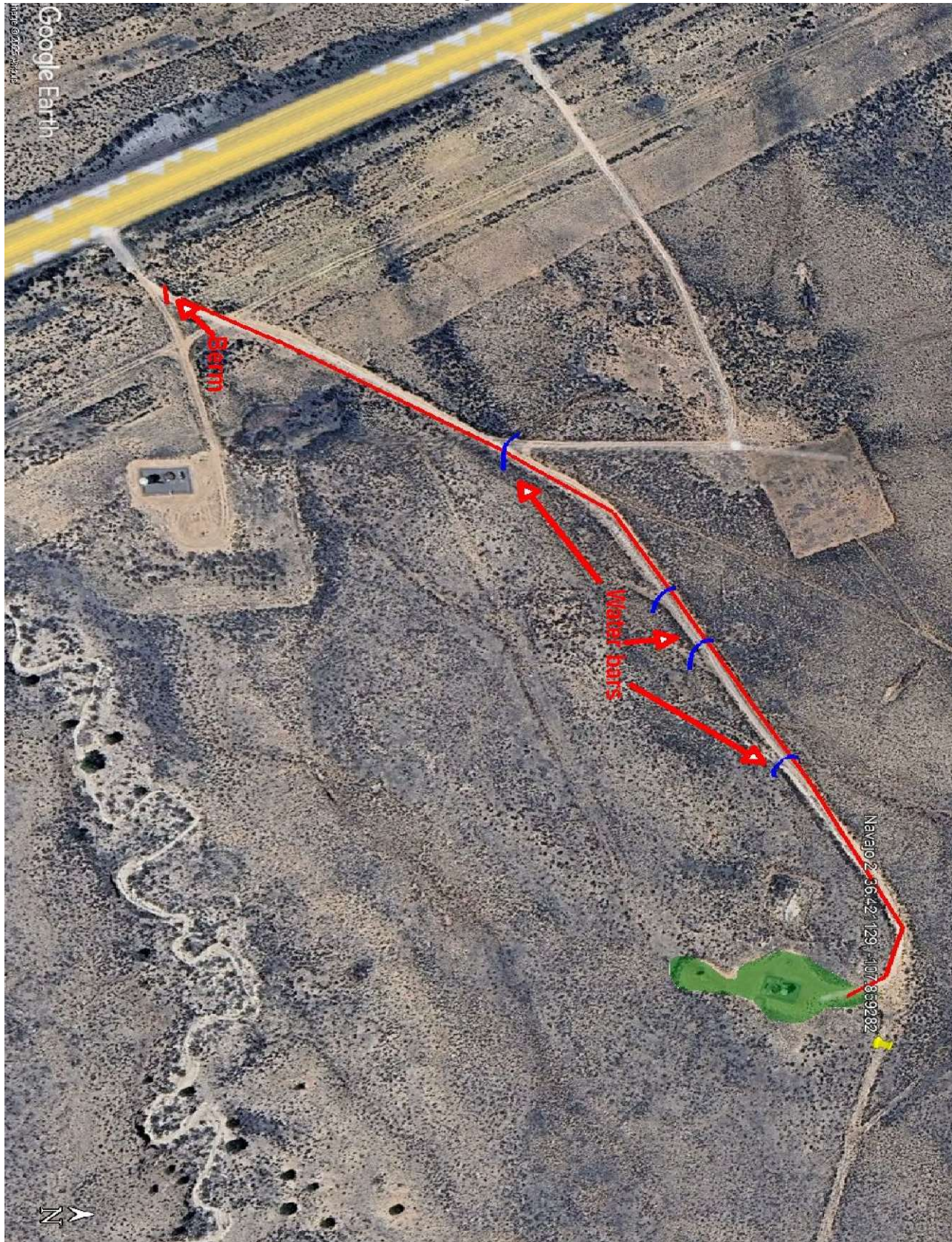
**4. SEEDING PROCEDURE**

1. Sage Brush/grass seed mix will be used for all reclaimed and disturbed areas of the well pad and lease road.
2. Drill seed will be done where applicable, and all other disturbed areas will be broadcast seeded and harrowed. Broadcast seeding will be applied at a double the rate of seed.
3. Timing of the seeding will be when the ground is not frozen or saturated.

**5. WEED MANAGEMENT**



1. No noxious weeds were identified during this onsite.





**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**

9/3/2025

Well No.	Navajo 2	Surf. Loc.	790	FNL	790	FEL
Lease No.	14206031328	Sec	11	T25N	R10W	
US Well No.	3004505519					
Operator	Hilcorp Energy Co.	County	San Juan	State	New Mexico	
TVD	6780	PBTD	6766	Formation	Basin Dakota	
Elevation	GL		6856	Elevation	KB	6868

<b>Geologic Formations</b>	<b>Est. tops</b>	<b>Subsea Elev.</b>	<b>Remarks</b>
Nacimiento Fm.	Surface		Surface /fresh water sands
Surface Casing base	252	6616	
Ojo Alamo	1193	5675	Fresh water aquifer
Kirtland Fm.	1418	5450	
Fruitland Fm.	1662	5206	Coal/gas/possible water
Pictured Cliffs	2108	4760	Possible gas/water
Lewis Shale	2218	4650	Source rock
DV Tool	2387	4481	
Huerfanito Bentonite	2483	4385	Reference bed
Chacra (Lower)	2958	3910	Possible gas/water
Lewis Shale Stringer	3486	3382	Source rock
Cliff House Ss	3653	3215	Possible gas/water
Menefee Fm.	3768	3100	Coal/water/possible gas
Point Lookout Fm.	4588	2280	Possible gas/water
Mancos Shale	4818	2050	Source rock
El Vado Ss	5376	1492	Possible gas/water
Gallup	5663	1205	Oil & gas
Mancos Stringer	5968	900	Source rock
Juana Lopez	6118	750	
Mancos Stringer	6208	660	
Bridge Crk/Greenhorn	6538	330	
Graneros Shale	6668	200	
Dakota Ss	6693	175	Possible gas/water
Perforations Top	6692	176	
Perforations Bottom	6724	144	

Remarks:Reference Well:

-Vertical wellbore, all formation depths are TVD from KB at the wellhead.

-Modify Plug 1. Move the TOC to 6438' to cover the BLM Geologist's pick for the Greenhorn.

--Modify Plug 2 to cover the BLM geologist's pick for the Gallup. Make the BOC 5713', the inside TOC 5563' and the outside TOC 5513'.

-Modify Plug 3 to cover the BLM geologist's pick for the Mancos. Make the BOC 4868', the inside TOC 4718' and the outside TOC 4668'.

-Modify Plug 4 to cover the BLM geologist's picks for the Cliff House. Make the BOC 3703', the inside TOC 3553' and the outside TOC 3503'.

-Modify Plug 5 to cover the BLM geologist's pick for the the Chacra. Make the BOC 3008', the inside TOC 2808' and the outside TOC 2758'.

-Modify Plug 6. Move the TOC to 2008' to cover the BLM Geologist's pick for the Pictured Cliffs.

-Modify Plug 7 to cover the BLM geologist's picks for the Ojo Alamo. Make the inside TOC 1093' and the outside TOC 1043'.

Hilcorp Energy Co  
 Navajo 2E  
 3004524522  
 790' FNL, 1833' FWL, 25N-10W-11C  
 GL= 6767', KB= 6780'

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

September 4, 2025

### Notice of Intent – Plug and Abandonment

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**Operator:** Hilcorp Energy Company  
**Lease:** 14-20-603-1328  
**Well(s):** Navajo 2, US Well # 30-045-05519  
**Location:** NENE Sec 11 T25N R10W (San Juan County, NM)  
**Sundry Notice ID #:** 2857974

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 Plug 1. Move the TOC to 6438' to cover the BLM geologist's pick for the Greenhorn at 6538'.
  - b. Modify Plug 2 to cover the BLM geologist's pick for the Gallup at 5663'. Make the BOC 5713', the inside TOC 5563' and the outside TOC 5513'.
  - c. Modify Plug 3 to cover the BLM geologist's pick for the Mancos at 4818'. Make the inside BOC 4868', the inside TOC 4718' and the outside TOC 4668'.
  - d. Modify Plug 4 to cover the BLM geologist's picks for the Cliff House at 3653'. Make the BOC at 3703', the inside TOC 3553' and the outside TOC 3503'.
  - e. Modify Plug 5 to cover the BLM geologist's pick for the Chacra at 2958'. Make the BOC 3703', the inside TOC 2808' and the outside TOC 2758'.
  - f. Modify Plug 6. Move the TOC to 2008' to cover the BLM Geologist's pick for the Pictured Cliffs at 2108'.
  - g. Modify Plug 7 to cover the BLM geologist's pick for the Ojo Alamo at 1193'. Make the inside TOC 1093' and the outside TOC 1043'.
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.

K. Rennick 9/4/2025



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 502736

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 502736
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	NMOCD accepts for record.	9/4/2025