

Well Name: BLANCO WASH FEDERAL	Well Location: T28N / R9W / SEC 34 / SWNE / 36.621266 / -107.773588	County or Parish/State: SAN JUAN / NM
Well Number: 2M	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077111	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004534337	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2861900

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 07/08/2025	Time Sundry Submitted: 09:40
Date proposed operation will begin: 10/01/2025	

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 3/6/24 with Roger Herrera/BLM and Dale Crawford (HEC). 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_07_07_BLANCO_WASH_FEDERAL_2M_P_A_NOI_20250708093837.pdf

Well Name: BLANCO WASH FEDERAL	Well Location: T28N / R9W / SEC 34 / SWNE / 36.621266 / -107.773588	County or Parish/State: SAN JUAN / NM
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US Well Number: 3004534337	Operator: HILCORP ENERGY COMPANY	

Conditions of Approval

Authorized

General_Requirement_PxA_20250827075906.pdf
2861900_2M_3004534337_NOIA_KR_08272025_20250827075849.pdf
Blanco_Wash_Federal_2M_Geo_Rpt_20250827075849.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: JUL 08, 2025 09:39 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: 08/27/2025
Signature: Kenneth Rennick	



HILCORP ENERGY COMPANY

BLANCO WASH FEDERAL 2M

P&A NOI

API #: 3004534337

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 +/- 7,574' to isolate the DK Perfs.
5. CBL run on 1/19/2008 shows TOC at 5,550'.
6. PU & TIH w/ work string to +/- 7,574'.
7. **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 7,586' | DK Top @ 7,584' | GRN Top @ 7,524':**
Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 7,424'** & est. **BOC @ +/- 7,574'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
8. POOH w/ work string to +/- 6,747'.
9. **PLUG #2: 75sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 6,697' | MCS Top @ 5,862':**
Pump a 75 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 5,762'** & est. **BOC @ +/- 6,747'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
10. POOH w/ work string. RIH and set a 4-1/2" CICR at +/- 5,094' to isolate the MV Perfs.
11. Load the well as needed. Pressure test the casing above the plug to 560 psig. RIH w/ work string, sting into CICR, establish injection.
12. **PLUG #3: 291sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 5,144' | MV Top @ 4,883' | CHC Top @ 4,284':**
Pump 217sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 4,052'** & est. **BOC @ +/- 5,144'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 5,094'** & est. **BOC @ +/- 5,144'**). Sting out of retainer, pump a 70 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 4,184'** & est. **BOC @ +/- 5,094'**). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
13. POOH w/ work string. TIH & perforate squeeze holes @ +/- 3,251'. RIH w/ 4-1/2" CICR and set CICR @ +/- 3,201'. TIH w/ work string & sting into CICR. Establish injection.
14. **PLUG #4: 136sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 3,201' | FRD Top @ 2,894':**
Pump 101sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 2,744'** & est. **BOC @ +/- 3,251'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 3,201'** & est. **BOC @ +/- 3,251'**). Sting out of retainer, pump a 31 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 2,794'** & est. **BOC @ +/- 3,201'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
15. POOH w/ work string. TIH & perforate squeeze holes @ +/- 2,218'. RIH w/ 4-1/2" CICR and set CICR @ +/- 2,168'. TIH w/ work string & sting into CICR. Establish injection.
16. **PLUG #5: 81sx of Class G Cement (15.8 PPG, 1.15 yield); KRD Top @ 2,168' | OJO Top @ 2,063':**
Pump 61sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 1,913'** & est. **BOC @ +/- 2,218'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 2,168'** & est. **BOC @ +/- 2,218'**). Sting out of retainer, pump a 16 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 1,963'** & est. **BOC @ +/- 2,168'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
17. POOH w/ work string. TIH & perforate squeeze holes @ +/- 1,160'. RIH w/ 4-1/2" CICR and set CICR @ +/- 1,110'. TIH w/ work string & sting into CICR. Establish injection.
18. **PLUG #6: 52sx of Class G Cement (15.8 PPG, 1.15 yield); NAC Top @ 1,110':**
Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 960'** & est. **BOC @ +/- 1,160'**). Pump an additional 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 1,110'** & est. **BOC @ +/- 1,160'**). Sting out of retainer, pump an 8 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 1,010'** & est. **BOC @ +/- 1,110'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
19. POOH w/ work string. TIH & perforate squeeze holes @ +/- 589'. Establish circulation.
20. **PLUG #7: 211sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 539':**
Pump 10sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. **TOC @ +/- 539'** & est. **BOC @ +/- 589'**). Continue pumping 156sx of cement in the 4-1/2" casing X 9-5/8" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 539'**). Pump a 45 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 0'** & est. **BOC @ +/- 589'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
21. 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

BLANCO WASH FEDERAL 2M

P&A NOI

BLANCO WASH FEDERAL 2M - CURRENT WELLBORE SCHEMATIC



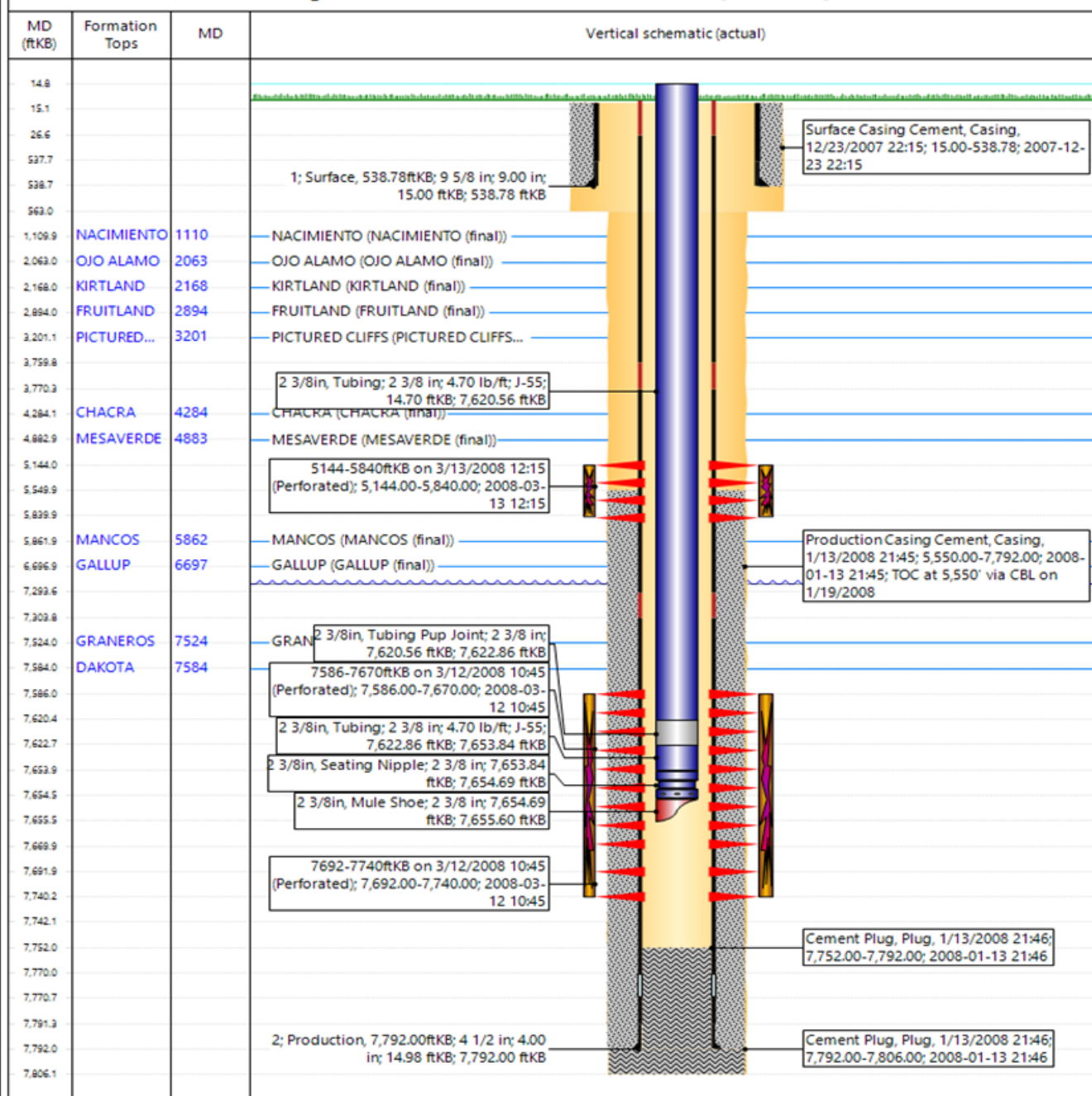
Hilcorp Energy Company

P&A WBD - Current Schematic

Well Name: BLANCO WASH FEDERAL #2M

API / UWI 3004534337	Surface Legal Location 034-028N-009W-G	Field Name MV/DK COM	Route 0809	State/Province NEW MEXICO	Well Configuration Type DEVIATED
Ground Elevation (ft) 6,815.00	Original KB/RT Elevation (ft) 6,830.00	Tubing Hanger Elevation (ft)	R/B to GL (ft) 15.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole, BLANCO WASH FEDERAL #2M [DEVIATED]



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Report Printed: 7/7/2025



HILCORP ENERGY COMPANY BLANCO WASH FEDERAL 2M P&A NOI

BLANCO WASH FEDERAL 2M - PROPOSED WELLBORE SCHEMATIC



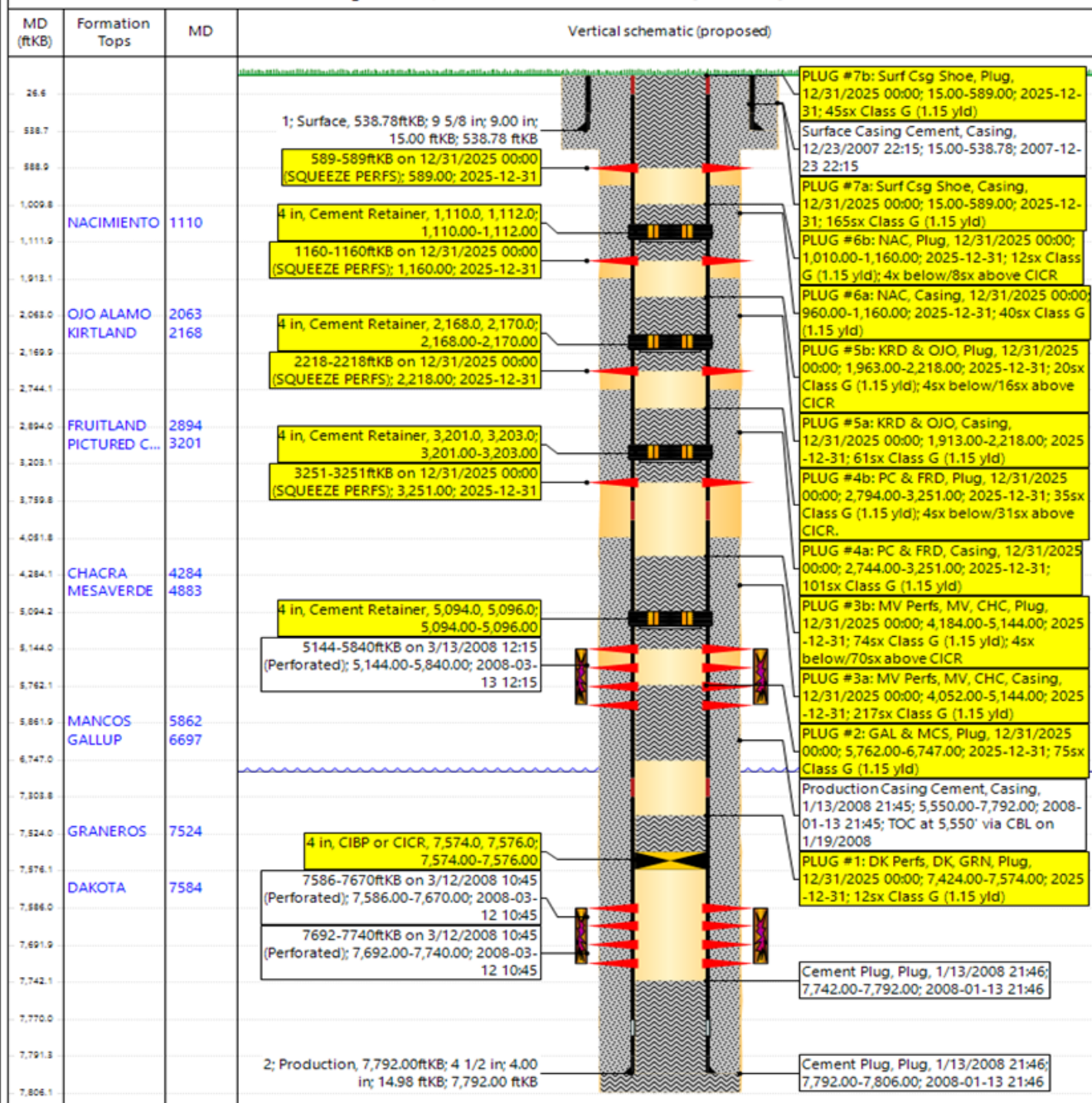
Hilcorp Energy Company

P&A WBD - Proposed Schematic

Well Name: BLANCO WASH FEDERAL #2M

API / UWI 3004534337	Surface Legal Location 034-028N-009W-G	Field Name MV/DK COM	Route 0809	State/Province NEW MEXICO	Well Configuration Type DEVIATED
Ground Elevation (ft) 6,815.00	Original KBRT Elevation (ft) 6,830.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 15.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole, BLANCO WASH FEDERAL #2M [DEVIATED]



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Report Printed: 7/7/2025

Hilcorp Energy
P&A Final Reclamation Plan
Blanco Wash Federal 2M
API: 30-045-34337
T28N-R9W-Sec. 34-Unit G
LAT: 36.621170 LONG: -107.77356 NAD 27
Footage: 1,630' FNL & 1,960' FEL
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera, from the BLM and Dale Crawford, Hilcorp Energy SJ South Construction Foreman on March 6, 2024.

2. LOCATION RECLAMATION PROCEDURE

1. Final reclamation will occur in Summer.
2. Removal of all equipment, anchors, flowlines and cathodic.
3. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
4. Remove all gravel from berms, pads, and meter run.
5. Push fill slope back to cut slope. Blend with fill slope of the co-located well Hancock A 7.
6. Add silt traps if needed.
7. Meter run will be removed. Pipeline will be stripped back to dogleg.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. Access road will be closed by water barring.
2. Access will be ripped and contoured.
3. Allow flow to stay in natural drainage.

4. SEEDING PROCEDURE

1. A sage and juniper 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 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). 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**

8/25/2025

Well No.	Blanco Wash Federal No 2M	Surf. Loc.	1630	FNL	1960	FEL
Lease No.	NMSF077111	Sec		34	T28N	R9W
US Well No.	3004534337					
Operator	Hilcorp Energy Co.	County	San Juan	State	New Mexico	
TVD	7806	PBTD	7752	Formation	Basin Dakota/Blanco Mesa Verde	
Elevation	GL	6811		Elevation	KB	6826

Geologic Formations	Est. tops	Subsea Elev.	Remarks
San Jose	Surface		
Surface Casing base	539	6287	
Nacimiento Fm.	1110	5716	Surface /fresh water sands
Ojo Alamo	1813	5013	Fresh water aquifer
Kirtland Fm.	2162	4664	
Fruitland Fm.	2583	4243	Coal/gas/possible water
Pictured Cliffs	2963	3863	Possible gas/water
Lewis Shale	3078	3748	Source rock
Huerfanito Bentonite	3188	3638	Reference bed
Chacra (Lower)	3943	2883	Possible gas/water
Lewis Shale Stringer	4143	2683	Source rock
Cliff House Ss	4583	2243	Possible gas/water
Menefee Fm.	4668	2158	Coal/water/possible gas
Perforations Top	5144	1682	
Point Lookout Fm.	5298	1528	Possible gas/water
Mancos Shale	5363	1463	Source rock
Perforations Bottom	5840	986	
Gallup	6438	388	Oil & gas
Bridge Crk/Greenhorn	7193	-367	
Graneros Shale	7308	-482	
Dakota Ss	7363	-537	Possible gas/water
Perforations Top	7586	-760	
Perforations Bottom	7740	-914	

Remarks:Reference Well:

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

-Modify Plug 1. Move the TOC to 7208' to cover the BLM Geologist's pick for the Graneros.

--Modify Plug 2 to cover the BLM geologist's picks for the Gallup and Mancos. Make the BOC 6488' and the TOC 5263'.

-Modify Plug 3 to cover the BLM geologist's pick for the Chacra. Make the inside TOC 3843' and the outside TOC to 3793'.

-Modify Plug 4 to cover the BLM geologist's picks for the Pictured Cliffs and the Fruitland. Set the CICR at 2963', the perforations at 3013', the inside TOC at 2483' and the outside TOC to 2433'.

-Modify Plug 5 to cover the BLM geologist's pick for the the Ojo Alamo. Set the the inside TOC at 1713' and the outside TOC to 1663'.

Hilcorp Energy Co
Blanco Wash Federal No 2
3004507090
400' FNL, 860' FEL, 28N-9W-34A
GL= 6199', KB= 6213'

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

August 27, 2025

Notice of Intent – Plug and Abandonment

Operator: Hilcorp Energy Company
Lease: NMSF077111
Well(s): Blanco Wash Federal 2M, US Well # 30-045-34337
Location: SWNE Sec 34 T28N R9W (San Juan County, NM)
Sundry Notice ID #: 2861900

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 7208' to cover the BLM geologist's pick for the Graneros at 7308'.
 - b. Modify Plug 2 to cover the BLM geologist's picks for the Gallup at 6438' and Mancos at 5363'. Make the BOC 6488' and TOC 5263'.
 - c. Modify Plug 3 to cover the BLM geologist's pick for the Chacra at 3943'. Make the inside TOC 3843' and the outside TOC to 3793'.
 - d. Modify Plug 4 to cover the BLM geologist's picks for the Pictured Cliffs at 2963' and the Fruitland at 2583'. Set the CICR at 2963', the perforations at 3013', the inside TOC at 2483' and the outside 2433'.
 - e. Modify Plug 5 to cover the BLM geologist's pick for the Ojo Alamo at 1813'. Set the inside TOC at 1713' and the outside TOC to 1663'.
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 8/27/2025

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 499631

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 499631
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	NMOCD approves this NOI provided that the original formation tops as listed on the Hilcorp P&A WBD-Proposed Schematic in the NOI be followed.	8/28/2025
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	8/28/2025
loren.diede	Submit a photo and GPS coordinates of the P&A marker with the final P&A reports. The API# on the marker is to be clearly legible.	8/28/2025