

Well Name: HUERFANO UNIT	Well Location: T26N / R10W / SEC 12 / NENE / 36.507156 / -107.841324	County or Parish/State: SAN JUAN / NM
Well Number: 185E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF081024	Unit or CA Name: HUERFANO UNIT--DK	Unit or CA Number: NMNM78395C
US Well Number: 3004526429	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2874879

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/22/2025	Time Sundry Submitted: 03:02
Date proposed operation will begin: 12/01/2025	

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 Visit was held on 08/12/2025 with Roger Herrera (BLM), Daniel Sloan (Enterprise), and Bryan Hall (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_09_22_HUERFANO_UN_185E_P_A_NOI_20250922150212.pdf

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Conditions of Approval

Additional

Huerfano_Unit_185E_Geo_Rpt_20250930084713.pdf

Authorized

General_Requirement_PxA_20250930100539.pdf

2874879_185E_3004526429_NOIA_KR_09302025_20250930100531.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: PRISCILLA SHORTY

Signed on: SEP 22, 2025 03:02 PM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Technician

Street Address: 382 ROAD 3100

City: AZTEC **State:** NM

Phone: (505) 324-5188

Email address: PSHORTY@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: 09/30/2025

Signature: Kenneth Rennick

HILCORP ENERGY COMPANY
HUERFANO UNIT 185E
P&A NOI



API #:	3004526429
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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 +/- 6,766' to isolate the DK Perfs.
5. Load the well as needed. Pressure test the casing above the plug to 500 psig for 30 min.
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 +/- 6,766'.
8. **PLUG #1: 10sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 6,776' | GRN Top @ 6,742':**
 Pump a 10 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 6,642' & est. BOC @ +/- 6,766'). Wait on Cement for 4 hours, tag TOC w/ work string. *Note cement plug lengths & volumes account for excess.
9. POOH w/ work string. TIH & perforate squeeze holes @ +/- 5,865'. Establish circulation. TIH w/ work string.
10. **PLUG #2: 52sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 5,815':**
 Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 5,665' & est. BOC @ +/- 5,865'). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 5,715' & est. BOC @ +/- 5,865'). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
11. POOH w/ work string to +/- 5,227'.
12. **PLUG #3: 25sx of Class G Cement (15.8 PPG, 1.15 yield); DV Tool #2 Top @ 5,177' | MCS Top @ 5,018':**
 Pump a 25 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 4,918' & est. BOC @ +/- 5,227'). *Note cement plug lengths & volumes account for excess.
13. POOH w/ work string. TIH & perforate squeeze holes @ +/- 3,903'. Establish circulation.
14. **PLUG #4: 38sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 3,903':**
 Pump 30sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 3,753' & est. BOC @ +/- 3,903'). Pump an 8 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 3,803' & est. BOC @ +/- 3,903'). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess. **Perforating 50' higher to avoid cement behind pipe.**
15. POOH w/ work string to +/- 2,574'.
16. **PLUG #5: 41sx of Class G Cement (15.8 PPG, 1.15 yield); DV Tool #1 Top @ 2,524' | PC Top @ 2,345' | FRD Top @ 2,155':**
 Pump a 41 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 2,055' & est. BOC @ +/- 2,574'). *Note cement plug lengths & volumes account for excess.
17. POOH w/ work string to +/- 1,582'.
18. **PLUG #6: 27sx of Class G Cement (15.8 PPG, 1.15 yield); KRD Top @ 1,532' | OJO Top @ 1,335':**
 Pump a 27 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 1,235' & est. BOC @ +/- 1,582'). *Note cement plug lengths & volumes account for excess.
19. TOOH w/ work string. TIH & perforate squeeze holes @ +/- 278'. Establish circulation.
20. **PLUG #7: 81sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 228':**
 Pump 10sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 228' & est. BOC @ +/- 278'). Continue pumping 49sx of cement in the 4-1/2" casing X 8-5/8" casing annulus (est. TOC @ +/- 0' & est. BOC @ +/- 228'). Pump a 22 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 0' & est. BOC @ +/- 278'). *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

HUERFANO UNIT 185E

P&A NOI

HUERFANO UNIT 185E - CURRENT WELLBORE SCHEMATIC

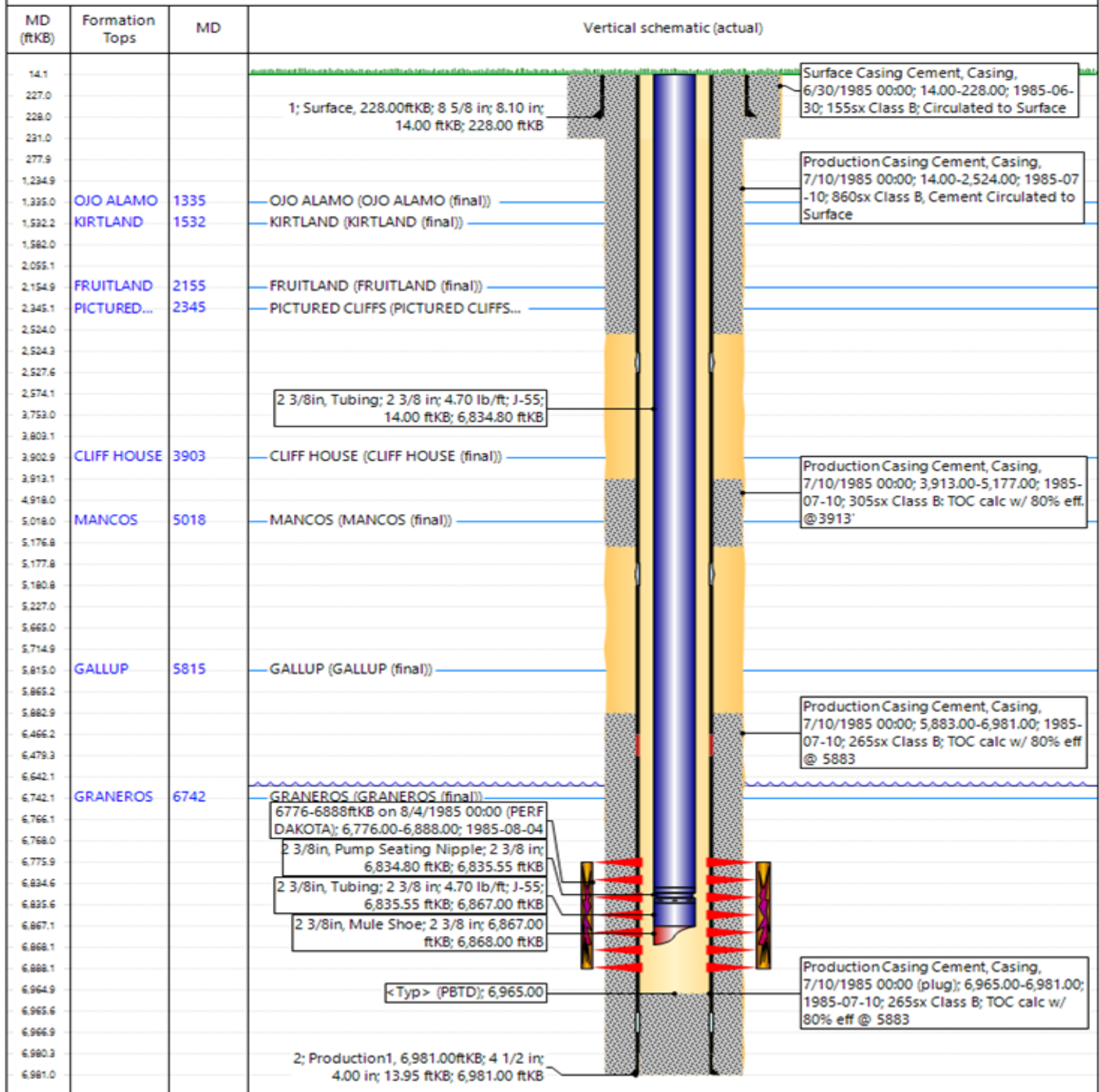


P&A WBD - Current Schematic

Well Name: HUERFANO UNIT #185E

API / UWI 3004526429	Surface Legal Location 012-026N-010W-A	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0607	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,669.00	Original KBRT Elevation (ft) 6,683.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole, HUERFANO UNIT 185E



HUERFANO UNIT 185E - PROPOSED WELLBORE SCHEMATIC

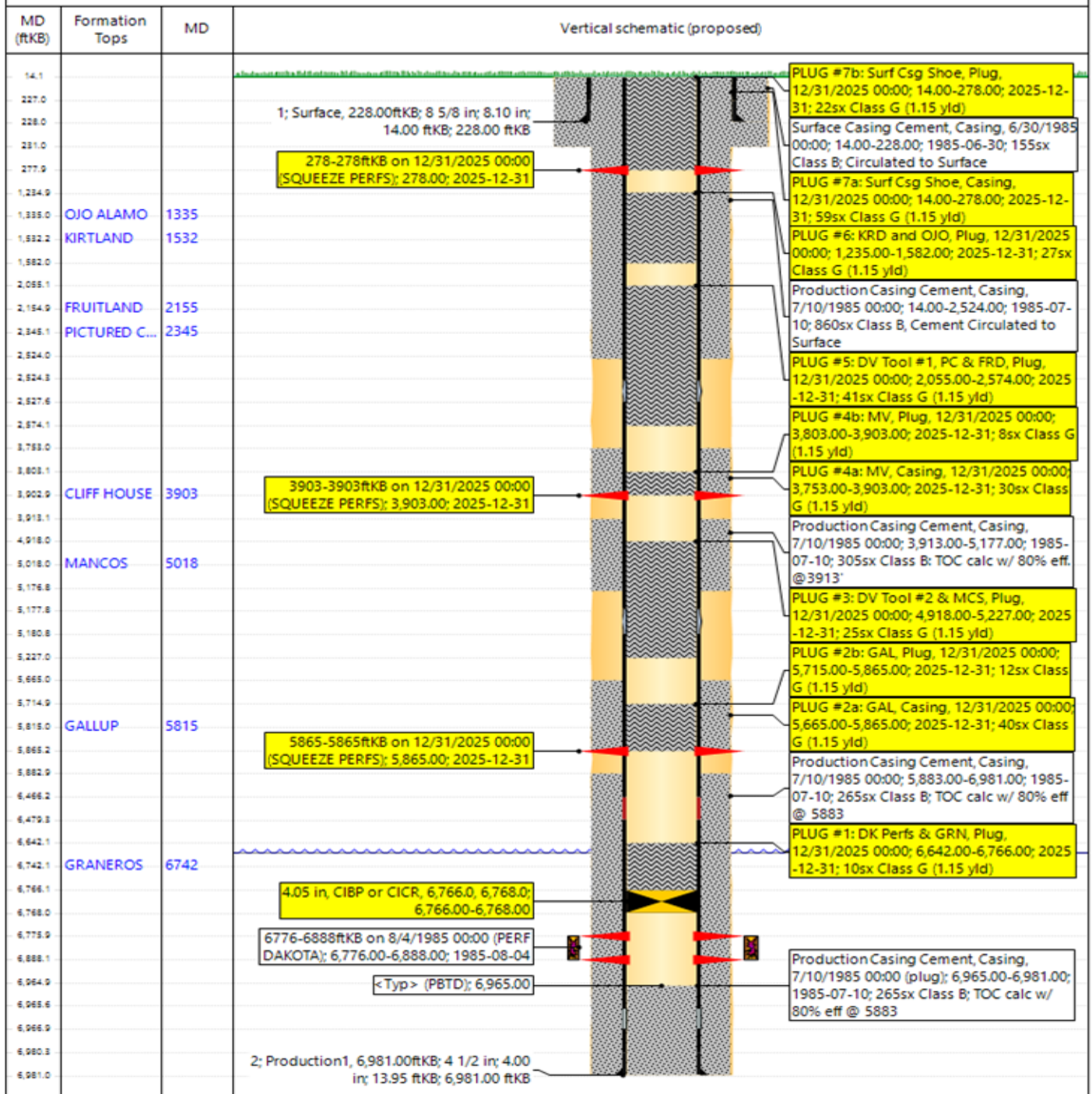


P&A WBD - Proposed Schematic

Well Name: HUERFANO UNIT #185E

API / UWI 3004526429	Surface Legal Location 012-026N-010W-A	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0607	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,669.00	Original KB/RT Elevation (ft) 6,683.00	Tubing Hanger Elevation (ft) 14.00	KB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole, HUERFANO UNIT 185E



Hilcorp Energy
P&A Final Reclamation Plan
Huerfano Unit 185E
API: 30-045-26429
T26N-R10W-Sec. 12-Unit A
LAT: 36.50715 LONG: -107.84132 NAD 27
990' FNL & 990' FEL
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera (BLM), Daniel Sloan (Enterprise), and Bryan Hall Hilcorp Energy SJ South Construction Foreman on August 12, 2025.

2. LOCATION RECLAMATION PROCEDURE

1. Removal of all equipment, separator, meter run, anchors, flowlines, fence, BGT, cathodic and tank.
2. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
3. Place gravel on main road.
4. Strip available top soil and stockpile to spread back onto areas disturbed.
5. Push fill back to cut slope from northeast to southwest, to re-contour to natural terrain.
6. Build silt traps as needed.
7. Rip and seed bare ground.
8. Enterprise to remove pipeline 50' off location and 50' off dog leg.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. Reclaim road by pulling material back as much as possible, add water bars as necessary, build berm at main road.
2. Close road back to next location.
3. Rip and seed road.

4. SEEDING PROCEDURE

1. Sagebrush/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.







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 30, 2025

Notice of Intent – Plug and Abandonment

Operator: Hilcorp Energy Company
Lease: NMSF081024
Agreement: NMNM78395C
Well(s): Huerfano Unit 185E, US Well # 30-045-26429
Location: NENE Sec 12 T26N R10W (San Juan County, NM)
Sundry Notice ID #: 2874879

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 4: make the inner and outer BOC 3953' to properly cover the Cliff House top.
 - b. Add a plug to cover the Chacra (upper) at 3150'. BOC minimum 3200'; TOC minimum 3050'.
 - c. Modify Plug 5: make the TOC 1860' to cover the BLM geologist's pick for the top of the Fruitland.
 - d. Modify Plug 6: make the TOC 1180' to cover the BLM geologist's pick for the Ojo Alamo.
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 9/30/2025

BLM - FFO - Geologic Report**Date Completed** 9/30/2025

Well No.	Huerfano Unit No 185E	Surf. Loc.	990	FNL	990	FEL
Agrmt:	NMNM78395C	Sec.	12	T26N		R10W
Lease No.	NMSF081024					
US Well No:	3004526429					
Operator	Hilcorp Energy Co.	County	San Juan	State		New Mexico
TVD	6981	PBTD	6965	Formation	Blanco Mesa Verde/Basin Dakota	
Elevation	GL		6669	Elevation	Est. KB	6679

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Nacimiento Fm.	Surface	6669	Surface /fresh water sands
Ojo Alamo Ss	1280	5399	Fresh water aquifer
Kirtland Fm.	1532	5147	
Fruitland Fm.	1960	4719	Coal/gas/possible water
Pictured Cliffs	2329	4350	Possible gas/water
DV Tool 1	2524	4155	
Lewis Shale (Main)	2430	4249	Source rock
Huerfanito Bentonite	2771	3908	Reference bed
Chacra (upper)	3150	3529	Possible gas/water
Lewis Shale Stringer	3320	3359	Source rock
Chacra (lower)	3432	3247	Possible gas/water
Lewis Shale Stringer	3470	3209	
Cliff House Ss	3903	2776	Possible gas/water
Menefee Fm.	4015	2664	Coal/water/possible gas
Point Lookout Fm.	4720	1959	Possible gas/water
Mancos Shale	5018	1661	Source rock
DV Tool 2	5177	1502	
El Vado Sandstone	5570	1109	
Gallup	5815	864	Oil & gas
Mancos Stringer	6210	469	Source rock
Juana Lopez	6305	374	
Mancos Stringer	6445	234	
Brdge Crk/Grnhn	6690	-11	
Graneros Shale	6742	-63	
DK Perfs top	6776	-97	
Dakota Ss	6850	-171	Possible gas/water

Remarks:Reference Well:

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

-Modify Plug 4: make the inner and outer BOC 3953' to properly cover the Cliff House top.

-Modify Plug 5: make the TOC 1860' to cover the BLM geologist's pick for the top of the Fruitland.

-Modify Plug 6: make the TOC 1180' to cover the BLM geologist's pick for the Ojo Alamo.

Hilcorp Energy

Same

Prepared by: Walter Gage

**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.

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 510620

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 510620
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	9/30/2025
loren.diede	NMOCD concurs with BLM modifications and COAs.	9/30/2025
loren.diede	Submit 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.	9/30/2025