

Well Name: NEW MEXICO FEDERAL N	Well Location: T30N / R12W / SEC 7 / NENE / 36.83168 / -108.133102	County or Parish/State: SAN JUAN / NM
Well Number: 4	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM047	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004513213	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2881618

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/05/2025	Time Sundry Submitted: 02:34
Date proposed operation will begin: 01/02/2026	

**Procedure Description:** Hilcorp Energy Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. Per Chris Wenman (BLM), the Pre-Disturbance Site Visit will be held after the P&A due to the government shutdown. A closed loop system will be used.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

2025\_11\_05\_NEW\_MEXICO\_FEDERAL\_N\_4\_P\_A\_NOI\_20251105142237.pdf

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Conditions of Approval

Additional

2881618\_4\_3004513213\_NOIA\_KR\_11062025\_20251106153000.pdf

General\_Requirement\_PxA\_20251106152951.pdf

New\_Mexico\_Federal\_N\_No\_4\_Geo\_Rpt\_20251106123928.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: NOV 05, 2025 02:15 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: 11/06/2025

Signature: Kenneth Rennick

# HILCORP ENERGY COMPANY

## NEW MEXICO FEDERAL N 4

### P&A NOI



API #:	3004513213
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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 +/- 6,686' 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 +/- 6,686'.
8. **PLUG #1: 12sx of Class G Cement (15.8 PPG, 1.15 yield); DK Perfs @ 6,706' | DK Top @ 6,705' | GRN Top @ 6,640':**  
Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 6,540' & est. BOC @ +/- 6,686'). Wait on Cement for 4 hours, tag TOC w/ work string. \*Note cement plug lengths & volumes account for excess.
9. POOH w/ work string to +/- 5,875'.
10. **PLUG #2: 12sx of Class G Cement (15.8 PPG, 1.15 yield); GAL Top @ 5,825':**  
Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 5,725' & est. BOC @ +/- 5,875'). \*Note cement plug lengths & volumes account for excess.
11. POOH w/ work string. TIH & perforate squeeze holes @ +/- 4,950'. Establish injection/circulation. TIH w/ work string.
12. **PLUG #3: 52sx of Class G Cement (15.8 PPG, 1.15 yield); MCS Top @ 4,900':**  
Pump 40sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 4,750' & est. BOC @ +/- 4,950'). Pump a 12 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 4,800' & est. BOC @ +/- 4,950'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
13. POOH w/ work string. TIH & perforate squeeze holes @ +/- 3,824'. Establish injection/circulation. TIH w/ work string.
14. **PLUG #4: 201sx of Class G Cement (15.8 PPG, 1.15 yield); MV Top @ 3,774' | CHC Top @ 3,248':**  
Pump 149sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 3,073' & est. BOC @ +/- 3,824'). Pump a 52 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 3,148' & est. BOC @ +/- 3,824'). 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 @ +/- 2,230'. Establish injection/circulation. TIH w/ work string.
16. **PLUG #5: 227sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 2,180' | FRD Top @ 1,570':**  
Pump 169sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 1,378' & est. BOC @ +/- 2,230'). Pump a 58 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 1,470' & est. BOC @ +/- 2,230'). 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 @ +/- 648'. Establish circulation. TIH w/ work string.
18. **PLUG #6: 185sx of Class G Cement (15.8 PPG, 1.15 yield); KRD Top @ 598' | OJO Top @ 474' | Surf. Casing Shoe @ 362':**  
Pump 57sx of cement in the 4-1/2" casing X 7-7/8" open hole annulus (est. TOC @ +/- 362' & est. BOC @ +/- 648'). Continue pumping 78sx of cement in the 4-1/2" casing X 8-5/8" casing annulus (est. TOC @ +/- 0' & est. BOC @ +/- 362'). Pump a 50 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 0' & est. BOC @ +/- 648'). WOC for 4 hrs, tag TOC w/ work string. \*Note cement plug lengths and volumes account for excess.
19. 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

## NEW MEXICO FEDERAL N 4

### P&A NOI

## NEW MEXICO FEDERAL N 4 - CURRENT WELLBORE SCHEMATIC



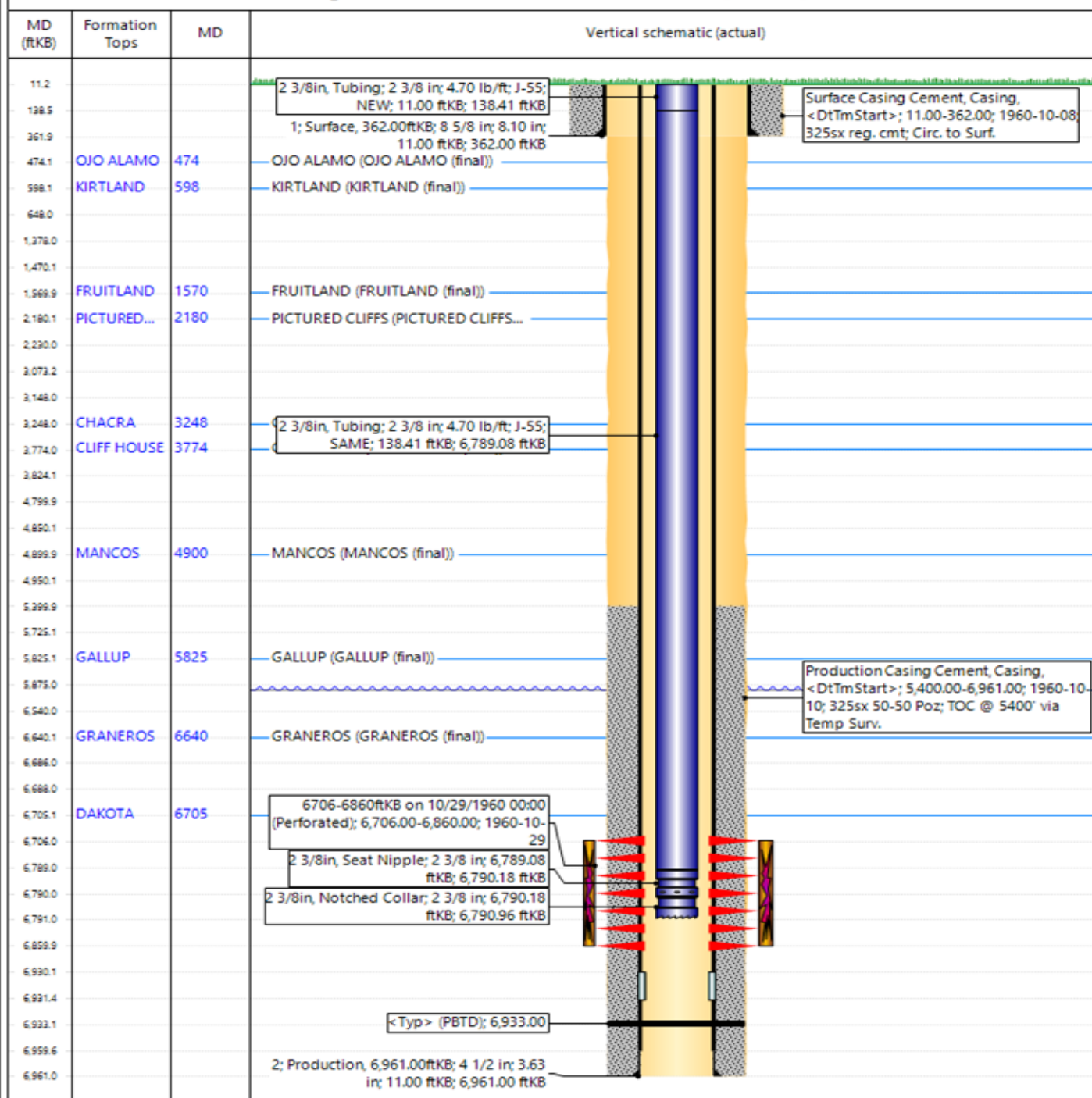
Hilcorp Energy Company

## P&amp;A WBD - Current Schematic

Well Name: NEW MEXICO FEDERAL N #4

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004513213	T30N-R12W-S07	San Juan Area 02	0209	NEW MEXICO	Vertical
Ground Elevation (ft)	Original KB/RT Elevation (ft)	Tubing Hanger Elevation (ft)	RKB to GL (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,006.00	6,017.00		11.00		

## Original Hole, NEW MEXICO FEDERAL N #4 [Vertical]





## NEW MEXICO FEDERAL N 4 - PROPOSED WELLBORE SCHEMATIC

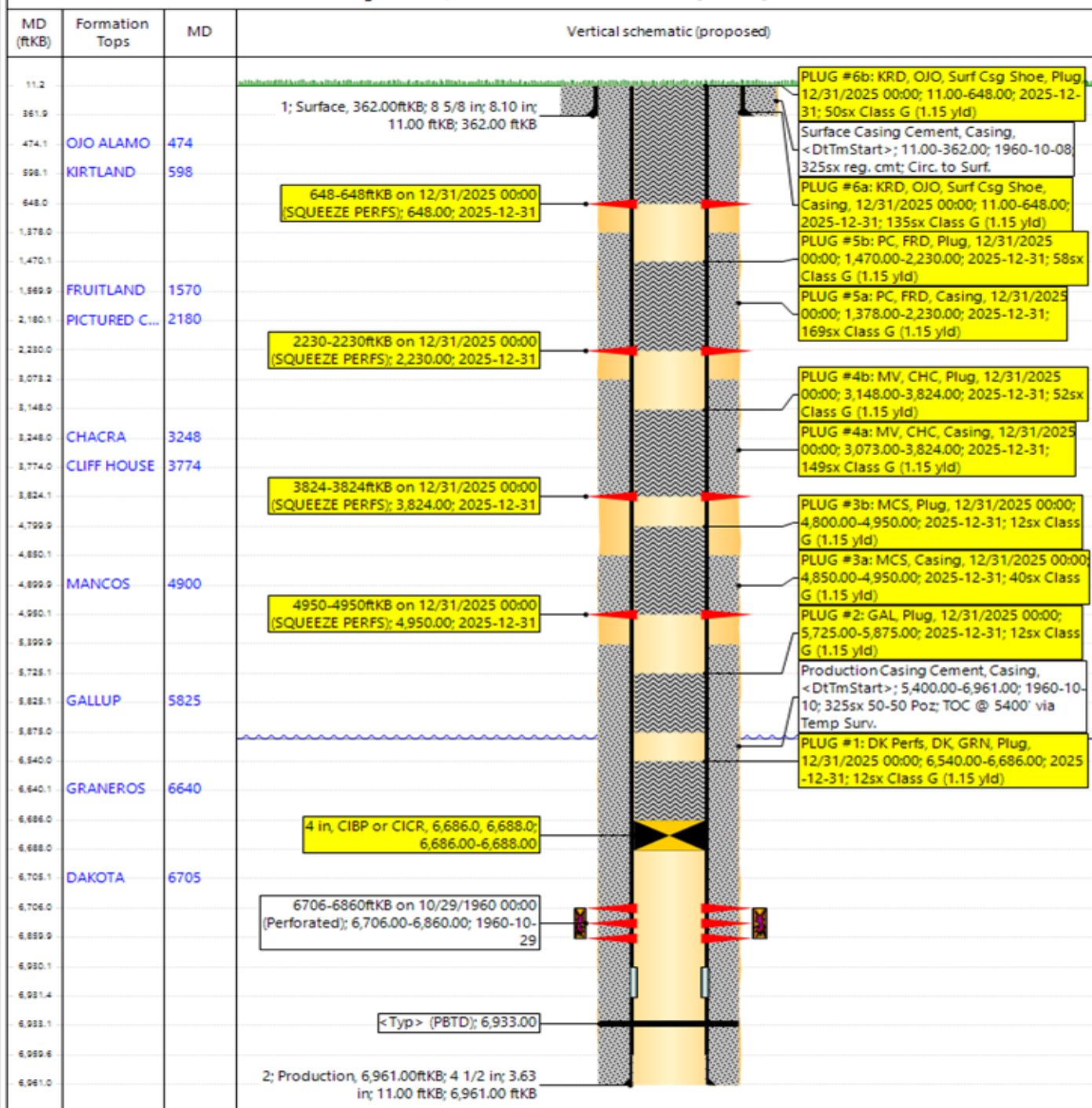


## P&amp;A WBD - Proposed Schematic

Well Name: NEW MEXICO FEDERAL N #4

API / UWI 3004513213	Surface Legal Location T30N-R12W-S07	Field Name San Juan Area 02	Route 0209	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,006.00	Original KBRT Elevation (ft) 6,017.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

## Original Hole, NEW MEXICO FEDERAL N #4 [Vertical]







# 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

November 6, 2025

### Notice of Intent – Plug and Abandonment

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**Operator:** Hilcorp Energy Company  
**Lease:** NMNM 0000047  
**Well(s):** New Mexico Federal N 4, US Well # 30-045-13213  
**Location:** Sec 7 T30N R12W (San Juan, NM)  
**Sundry Notice ID #:** 2881618

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 to account for the BLM geologist's pick for the Chacra at 3020'. Move the outside plug TOC to 2845' and the inside TOC to 2920'. Alternatively, this plug could be split into two plugs with the Cliff House TOC at 3674' and the Chacra BOC at 3070'.
  - b. Modify Plug 5 to account for the BLM geologist's pick for the Fruitland at 1430'. Move the outside plug TOC to 1238' and the inside TOC to 1330'.
  - c. Modify Plug 6. Make the BOC 760' to cover the BLM geologist's pick for the Kirtland at 710'.
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 11/06/2025

**BLM - FFO - Geologic Report****Date Completed** 11/6/2025

Well No.	New Mexico Federal N No 4	Surf. Loc.	1070	FNL	1190	FEL
Lease No.	NMNM047		Sec	7	T30N	R12W
Operator	Hilcorp Energy Co.	County	San Juan		State	New Mexico
US Well # 3004513213						
TVD	6970	PBTD	6895	Formation	Blanco Mesa Verde/Basin Dakota	
Elevation	GL		6006	Elevation	Est. KB	6017

<b>Geologic Formations</b>	<b>Est. tops</b>	<b>Subsea Elev.</b>	<b>Remarks</b>
Nacimiento Fm.	Surface	6017	Surface /fresh water sands
Surface Casing	362	5655	
Ojo Alamo Ss	465	5552	Fresh water aquifer
Kirtland Fm.	710	5307	
Fruitland Fm.	1430	4587	Coal/gas/possible water
Pictured Cliffs	2180	3837	Possible gas/water
Lewis Shale (Main)	2390	3627	Source rock
Huerfanito Bentonite	2942	3075	Reference bed
Chacra (upper)	3020	2997	Possible gas/water
Lewis Shale Stringer	3248	2769	Source rock
Cliff House Ss	3774	2243	Possible gas/water
Menefee Fm.	4540	1477	Coal/water/possible gas
Point Lookout Fm.	4865	1152	Possible gas/water
Mancos Shale	4900	1117	Source rock
Gallup	5825	192	Oil & gas
Mancos Stringer	6090	-73	Source rock
Juana Lopez	6220	-203	
Mancos Stringer	6360	-343	
Brdge Crk/Grnhn	6570	-553	
Graneros Shale	6640	-623	
Dakota Ss	6705	-688	Possible gas/water
Perfs	6706	-689	

Remarks:Reference Well:

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

-Modify Plug 4 to account for the BLM geologist's pick for the Chacra. Move the outside plug TOC to 2845' and the inside TOC to 2920'. Alternatively, this plug could be split into two plugs with the Cliff House TOC at 3674' and the Chacra BOC at 3070'.

-Modify Plug 5 to account for the BLM geologist's pick for the Fruitland. Move the outside plug TOC to 1238' and the inside TOC to 1330'.

-Modify Plug 6. Make the BOC 760' to cover the BLM geologist's pick for the Kirtland.

Hilcorp Energy Co. Same
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Prepared by: Walter Gage
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**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.

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 524170

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 524170
	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.	11/12/2025
loren.diede	Submit photo and GPS coordinates of the P&A marker with the final P&A reports. The API# on the marker must be clearly legible.	11/12/2025