

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: SAN JUAN 31-6 UNIT	Well Location: T30N / R7W / SEC 1 / NWSW / 36.838791 / -107.527115	County or Parish/State: RIO ARRIBA / NM
Well Number: 6	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079000	Unit or CA Name: SAN JUAN 31-6 UNIT--MV	Unit or CA Number: NMNM78421A
US Well Number: 3003907914	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2867095

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/06/2025

Time Sundry Submitted: 06:38

Date proposed operation will begin: 09/01/2025

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 07/30/2025 with Roger Herrera (BLM) and Patrick Hudman (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_17_18_SAN_JUAN_31_6_UN_6_P_A_NOI_20250806063803.pdf

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Operator: HILCORP ENERGY COMPANY

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: AUG 06, 2025 06:38 AM

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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 08/21/2025

Signature: Matthew Kade



HILCORP ENERGY COMPANY
SAN JUAN 31-6 UNIT 6
P&A NOI

API #:	3003907914
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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. Well currently has a 4-1/2" CIBP set at +/- 5,365' to isolate the MV Perfs.
5. Would not pass a pressure test during the recent squeeze job, but will hold a column of fluid.
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 **+/- 5,365'**.
8. **PLUG #1: 19sx of Class G Cement (15.8 PPG, 1.15 yield); MV Perfs @ 5,390' | MV Top @ 5,340' | Int. Casing Shoe @ 5,225':**
 Pump a 19 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 5,125'** & est. **BOC @ +/- 5,365'**). 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 @ **+/- 4,627'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 4,577'**. TIH w/ work string & sting into CICR. Establish injection.
10. **PLUG #2: 33sx of Class G Cement (15.8 PPG, 1.15 yield); CHC Top @ 4,577':**
 Pump 21sx of cement in the 4-1/2" casing X 7" casing annulus (est. **TOC @ +/- 4,427'** & est. **BOC @ +/- 4,627'**). Pump 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 4,577'** & est. **BOC @ +/- 4,627'**). Pump an 8 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 4,477'** & est. **BOC @ +/- 4,577'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
11. POOH w/ work string. TIH & perforate squeeze holes @ **+/- 3,545'**. RIH w/ **4-1/2" CICR** and set CICR @ **+/- 3,495'**. TIH w/ work string & sting into CICR. Establish injection.
12. **PLUG #3: 99sx of Class G Cement (15.8 PPG, 1.15 yield); PC Top @ 3,495' | FRD Top @ 3,125':**
 Pump 58sx of cement in the 4-1/2" casing X 7" casing annulus (est. **TOC @ +/- 2,975'** & est. **BOC @ +/- 3,545'**). Pump 4sx of cement beneath the 4-1/2" CICR (est. **TOC @ +/- 3,495'** & est. **BOC @ +/- 3,545'**). Pump a 37 sack balanced cement plug on top of the CICR. (est. **TOC @ +/- 3,025'** & est. **BOC @ +/- 3,495'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
13. POOH w/ work string to **+/- 2,625'**.
14. **PLUG #4: 18sx of Class G Cement (15.8 PPG, 1.15 yield); KR D Top @ 2,575' | OJO Top @ 2,500':**
 Pump an 18 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 2,400'** & est. **BOC @ +/- 2,625'**). *Note cement plug lengths & volumes account for excess.
15. POOH w/ work string. TIH & perforate squeeze holes @ **+/- 221'**. Establish circulation.
16. **PLUG #5: 73sx of Class G Cement (15.8 PPG, 1.15 yield); Surf. Casing Shoe @ 171':**
 Pump 7sx of cement in the 7" casing X 8-3/4" open hole annulus (est. **TOC @ +/- 171'** & est. **BOC @ +/- 221'**). Pump 25 sacks cement in the 7" casing X 9-5/8" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 171'**). Continue pumping 23sx of cement in the 4-1/2" casing X 7" casing annulus (est. **TOC @ +/- 0'** & est. **BOC @ +/- 221'**). Pump an 18 sack balanced cement plug inside the 4-1/2" casing (est. **TOC @ +/- 0'** & est. **BOC @ +/- 221'**). WOC for 4 hrs, tag TOC w/ work string. *Note cement plug lengths and volumes account for excess.
17. 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
SAN JUAN 31-6 UNIT 6
P&A NOI

SAN JUAN 31-6 UNIT 6 - CURRENT WELLBORE SCHEMATIC

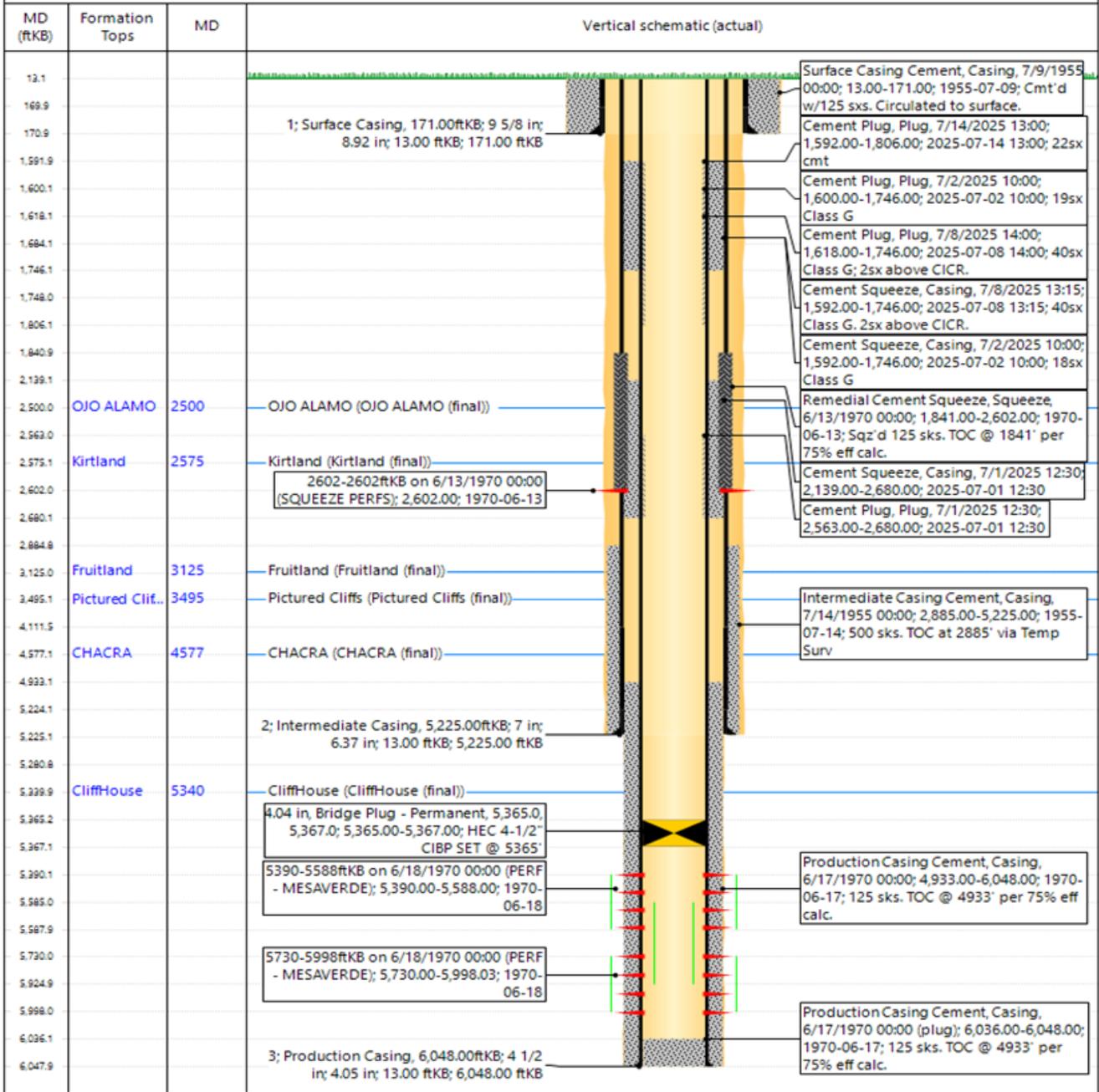


P&A WBD - Current Schematic

Well Name: **SAN JUAN 31-6 UNIT #6**

API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	Field Name MV	Route 1103	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,568.00	Original KB/RT Elevation (ft) 6,581.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole, SAN JUAN 31-6 UNIT #6 [Vertical]





SAN JUAN 31-6 UNIT 6 - PROPOSED WELLBORE SCHEMATIC

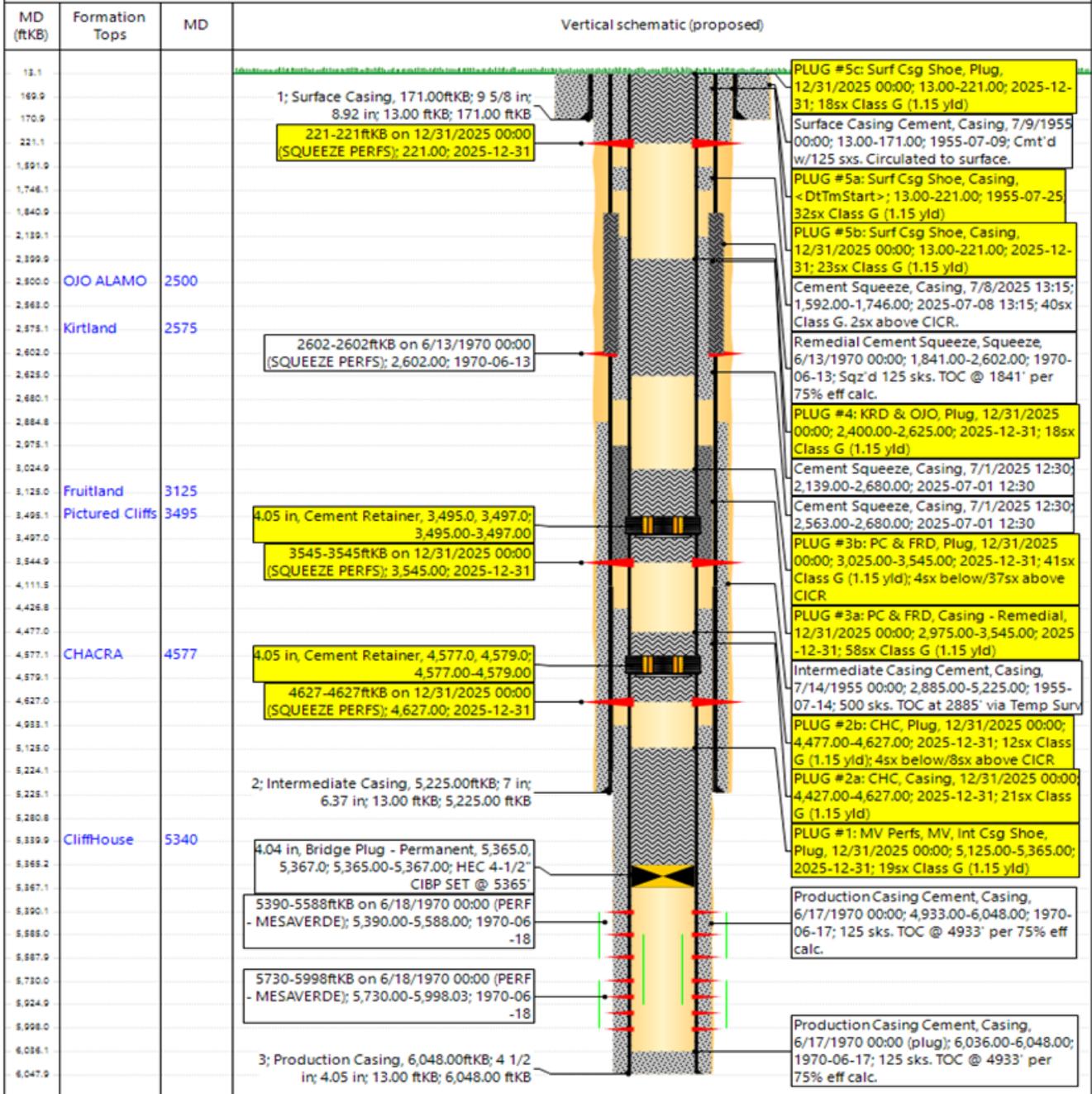


P&A WBD - Proposed Schematic

Well Name: SAN JUAN 31-6 UNIT #6

API / UWI 3003907914	Surface Legal Location 001-030N-007W-L	Field Name MV	Route 1103	State/Province NEW MEXICO	Well Configuration Type Vertical
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Original Hole, SAN JUAN 31-6 UNIT #6 [Vertical]



Hilcorp Energy
P&A Final Reclamation Plan
San Juan 31-6 Unit #6
API: 30-039-07914
T30N-R07W-Sec. 1-Unit L
LAT: 36.8387909 LONG: -107.527909 NAD 27
Footage: 1,660 FNL & 990' FWL
Rio Arriba, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera from the BLM and Patrick Hudman Hilcorp Energy SJ East Construction Foreman on July 30, 2025.

2. LOCATION RECLAMATION PROCEDURE

1. Removal of all equipment, anchors, flowlines and cathodic.
2. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
3. Remove all gravel from berms, pads, and meter run.
4. Meter run will be removed. The pipeline will be stripped back then cut and capped 50' from edge of location.
5. Main road Bar ditch will be directed through drainage on Northeast end of location
6. North side of location dirt mound will be sloped toward location. (leaving existing Trees)
7. West side of location has rocks that will be put beside road to detour vehicles leaving road
8. Electric Meter pole to be disconnected and removed

3. ACCESS ROAD RECLAMATION PROCEDURE

1. Access will be left open as the road runs through location to other wells.

4. SEEDING PROCEDURE

1. A BLM Pinon Juniper seed mix will be used for all reclaimed and disturbed areas of the well pad.
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. The time of 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

August 21, 2025

Notice of Intent - Plug and Abandonment

Operator: Hilcorp Energy Company
Lease: NMSF079000
Agreement: NMNM78421A
Well(s): San Juan 31-6 Unit 6, API # 30-039-07914
Location: NWSW Sec 1 T30N R7W (Rio Arriba County, NM)
Sundry Notice ID#: 2867095

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. **Notification:** Farmington Field Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
3. **The following modifications to your plugging program are made:**
 - a. Adjust Plug 2 (Chacra) BOC to 4,637' to account for BLM Geologist's Chacra formation top pick @ 4,587'. Perforate squeeze holes @ 4,637' and set CICR @ 4,587'.
 - b. Adjust Plug 3 (Picture Cliffs/Fruitland) BOC to 3,440' to account for BLM Geologist's Picture Cliffs formation top pick @ 3,390' and TOC to 2,843' to account for BLM Geologist's Fruitland formation top pick @ 2,943'. Perforate squeeze holes @ 3,440' and set CICR @ 3,390'.
 - c. Adjust Plug 4 (Kirtland/Ojo) BOC to 2,650' to account for BLM Geologist's Kirtland formation top pick @ 2,600' and TOC to 2,295' to account for BLM Geologist's Ojo Alamo formation top pick @ 2,395'.
 - d. Add plug to cover BLM Geologist's Nacimiento pick @ 1,110'. Plug should at a minimum cover 1,010' – 1,160' inside and outside.
4. Additional changes to procedure, before or during plugging, should be sent through email to Kenneth Rennick (krennick@blm.gov) and Matthew Kade (mkade@blm.gov) for approval. Verbal approvals may be given and must be followed up with an email documenting the requested changes.

5. **Deadline of Completion of Operations:** Complete the plugging operation before August 21, 2026. If unable to meet the deadline, notify the Bureau of Land Management's Farmington Field Office prior to the deadline via Sundry Notice (Form 3160-5) Notice of Intent detailing the reason for the delay and the date the well is to be plugged.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements. Any estimated minimum sacks provided in procedure modification include necessary excesses.

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

Matthew Kade (mkade@blm.gov/505-564-7736) / Kenny Rennick (krennick@blm.gov/505-564-7742)

BLM - FFO - Geologic Report

Date Completed: 8/20/2025

Well No. **San Juan 31-6 Unit #6** Surf. Loc. **1660** FSL **990** FWL
 API **30-039-07914** T. **30 N** R. **07 W** Section **1**
 Operator **Hilcorp Energy Co** County **Rio Arriba** State **NM**
 Elevation (GR) **6567**
 Lease # **NMNM78421A**

Geologic Formations	Tops	Remarks
Nacimiento	1110	
Ojo Alamo	2395	F/W Sands
Kirtland	2600	
Fruitland	2943	Coal, Gas
Pic. Cliffs	3390	Gas
Lewis	3609	
Chacra	4587	Gas
Cliffhouse	5379	
Menefee	5465	Gas
Pt. Lookout	5730	Gas

Remarks: Please adjust plugs to account for BLM-picked formation tops.

**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) and 43 CFR 3172.12(a)(10). 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 498126

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 498126
	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.	8/26/2025
loren.diede	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	8/26/2025
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.	8/26/2025