

Well Name: NAVAJO TRIBAL H	Well Location: T29N / R14W / SEC 13 / SWSW / 36.72113 / -108.26752	County or Parish/State: SAN JUAN / NM
Well Number: 5	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: SHIPROCK
Lease Number: 14206032198	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004513101	Well Status: Gas Well Shut In	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2679272

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/28/2022	Time Sundry Submitted: 06:23
Date proposed operation will begin: 08/01/2022	

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 4/13/2022 with Emmanuel Adeloye/BLM, Bertha Spencer/BIA and Larson Nez/Navajo Nation. 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

Navajo_Tribal_H_5_NOI_P_A_20220628062231.pdf

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Conditions of Approval

Additional

General_Requirement_PxA_20220714122836.pdf
2679272_NOIA_H_5_3004513101_KR_07142022_20220714122824.pdf
Navajo_Tribal_H__5_Geo_Rpt_20220713160546.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: AMANDA WALKER
Signed on: JUN 28, 2022 06:23 AM
Name: HILCORP ENERGY COMPANY
Title: Operations/Regulatory Technician
Street Address: 1111 TRAVIS ST.
City: HOUSTON State: TX
Phone: (346) 237-2177
Email address: mwalker@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: 07/14/2022
Signature: Kenneth Rennick



P&A Procedure

General Information			
Well Name	Navajo Tribal H 5	Date:	6/27/2022
API:	30-045-13101	AFE #	
Field:	San Juan	County	San Juan
Status:	Well is ACOI		
Subject:	Permanently P&A wellbore		
By:	M. Wissing		

Well Data

Surface Casing: 8-5/8" 24# J-55 at 199'

Production Casing: 4-1/2" J-55 9.5# at 5,067'

Production Tubing: 2-3/8" J-55 4.7# at 1,020'

Rod String: Shear tool, 7/8" GR, 3/4" GR & rods, 2"x1.5"x8"x12" insert rod pump

Current Perforations: 876'-882', 890'-904'

Current PBTD: 2,370' (Cmt plug)

SICP = 7 psig; SIBP: 0 psi since 2020

CBL: 6-1999

Notes: Rig history tags up inside casing at 1,098'. Perf sqz holes at 930' and cmt to surface.

Hold PJSM prior to begin all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines. Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, Navajo Nation, and HEC safety and environmental regulations. Verify there is no H₂S present prior to beginning operations. If any H₂S is present, take the necessary actions to ensure that the location is safe prior to beginning operations. Observe and record pressures across all strings daily, prior to beginning operations.

Remember to notify NMOCD and BLM 24 hours prior to starting operations on location. This procedure is contingent upon P&A sundry approval by BLM & NMOCD.

P&A Rig Procedure

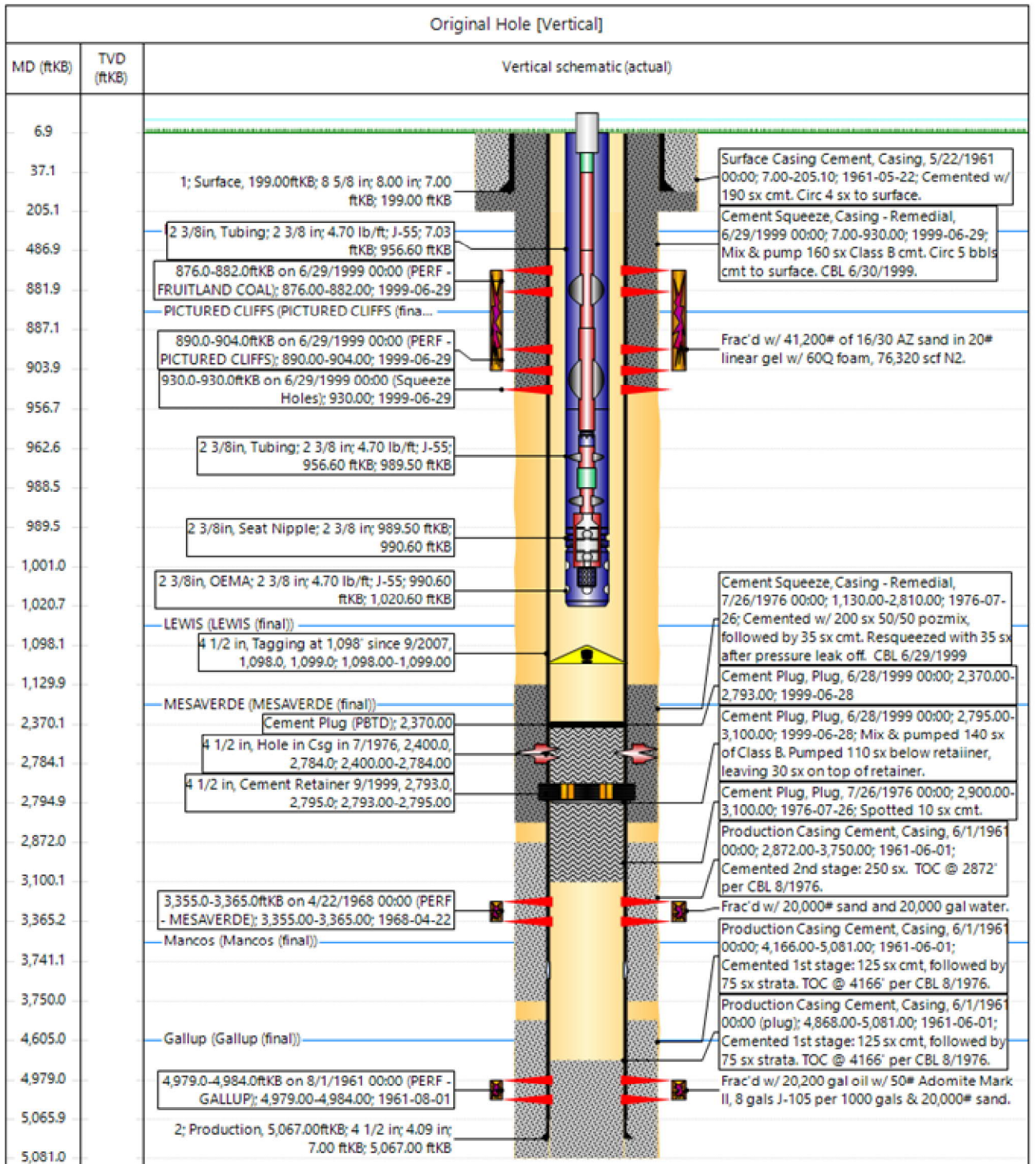
1. MIRU P&A rig and equipment. Record pressures on all strings.
2. Unseat rod pump and TOOH with rod string and insert rod pump.
3. NU BOP & test. TOOH with 2-3/8" production tbg.
4. RIH with 4.5" 9.5# casing scraper to +/- 845'.
5. MU 4.5" CICR and RIH with 2-3/8" work string. Set CICR at 830'.
 - a. **Top FRC perf at 876'.**
6. Load wellbore with KCl water and circulate wellbore clean. Pressure test the casing to 500 psi to verify wellbore integrity and plug set.
7. **Plug #1 (PC top perf at 890', PC top at 885', FRC top perf at 876' & FRC Formation Top at 432'):** RU cementers.
 - a. Sting into CICR and squeeze FRC and PC perms with a 72' cmt plug inside the 4-1/2" csg from 832' – 904', using 3.3 bbls (16 sx) of 15.8+ ppg Class G cmt.
 - b. Sting out of the CICR. Pump a 498' balanced cmt plug inside the 4-1/2" csg from 332' – 830', using 8.2 bbls (40 sx) of 15.8+ ppg Class G cmt.
8. TOOH with tbg to 250'.
9. **Plug #2 (Surface & Surface Csg at 199'):** RU cementers and pump a 250' cmt balanced plug from Surface – 250' inside the 4-1/2" csg using 4.1 bbls (20 sx) of 15.8 ppg Class G cmt.
10. ND BOP. Cutoff wellhead at surface, tag cmt and top off wellbore as needed. Weld P&A marker with API/ well name and fill wellhead cellar partially with cement.
11. RDMO P&A rig.



Current Schematic - Completion Comments

Well Name: NAVAJO TRIBAL H #5

API / UWI 3004513101	Surface Legal Location T29N-R14W-S13	Field Name Kutz W Pictured Cliffs	Route 0207	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 5,278.00	Original KB/RT Elevation (ft) 5,285.00	KB-Ground Distance (ft) 7.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

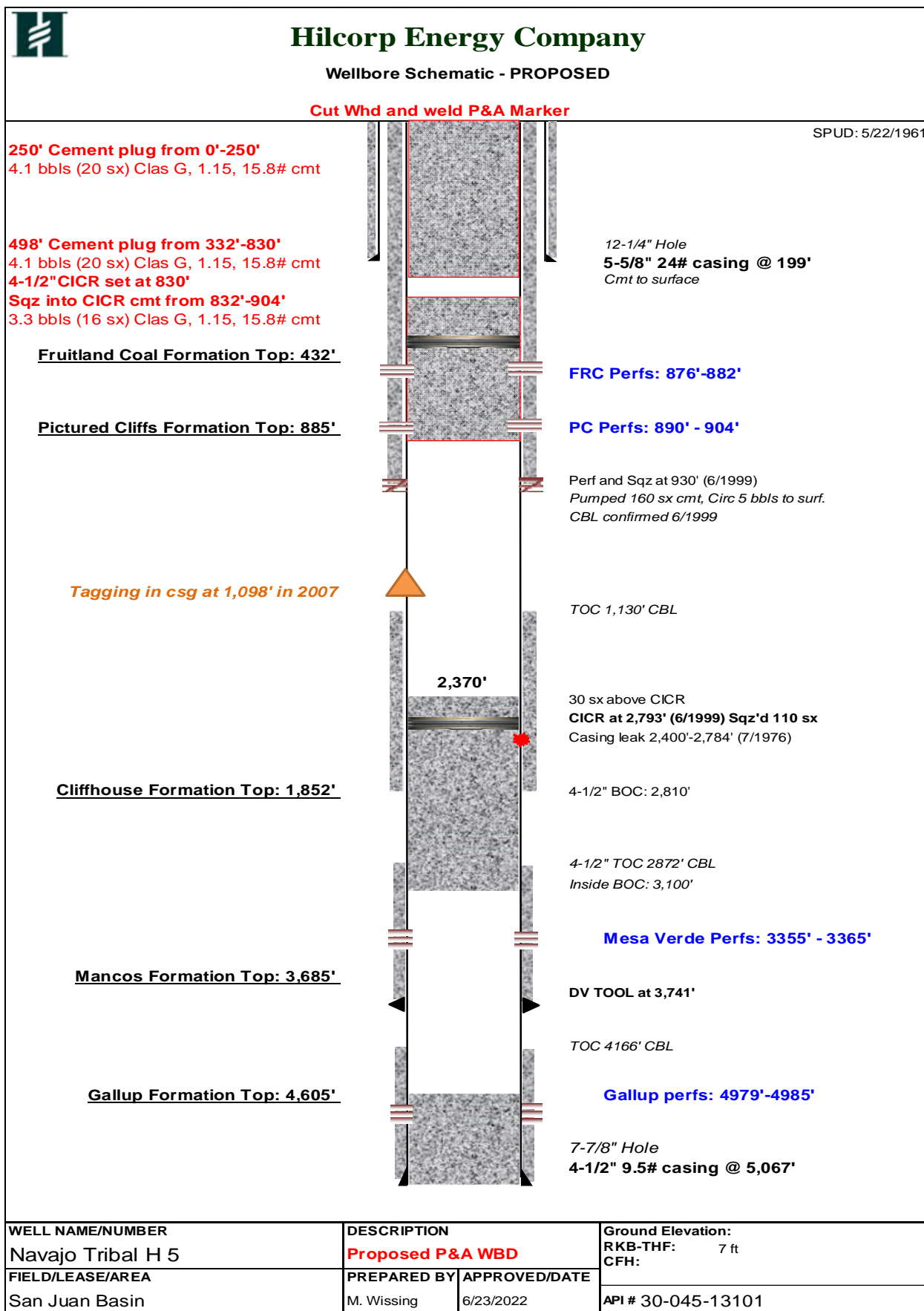


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Report Printed: 6/27/2022





Hilcorp Energy
P&A Final Reclamation Plan
Navajo Tribal H #5
API: 30-045-13101
M – Sec.13-T029N-R014W
Lat: 36.721413, Long: -108.267668
Footage: 705' FSL & 660' FWL
San Juan County, NM

1. PRE-RECLAMATION SITE INSPECTION

- 1.1) A pre-reclamation site inspection was completed by Emmanuel Adeloye with the BLM, Bertha Spencer with BIA, Larson Nez with the Navajo Nation, and Chad Perkins construction Foreman for Hilcorp Energy on Wednesday April 13, 2022.

2. LOCATION RECLAMATION PROCEDURE

- 2.1) Final reclamation work will be completed after the well is Plugged.
2.2) Remove all production equipment, anchors, and flowlines.
2.3) Remove well pad perimeter fence.
2.4) Water and Gas pipeline riser will be removed, and the pipelines will be pupped below grade.
2.5) All nonnative aggregate will be scraped up and hauled off prior to re-contouring.
2.6) Push fill into cut slope and re-contour with shallow swales and or silt traps for major drainage to create a rolling terrain that matches natural topography drainage features to limit erosion.
2.7) Rip compacted soil and walk down disturbed portion of well pad.
2.8) All trash and debris will be removed within 50' buffer outside of the location disturbance during reclamation.

3. ACCESS ROAD RECLAMATION PROCEDURE:

- 3.1) The main lease access is approximately ~50' long and the well pad sits right next to the main highway.
3.2) Rip and re-contour lease access with shallow swells to match natural topography drainage features.
3.3) All trash and debris will be removed within 50' buffer outside of the road disturbance during reclamation.

4. SEEDING PROCEDURE

- 4.1) A Pinon/Juniper seed mix will be used for all reclaimed and disturbed areas of the location and lease road.
4.2) Drill seeding 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.
4.3) Timing of the seeding will take place when the ground is not frozen or saturated.

5. WEED MANAGEMENT

- 5.1) No action is required at this time for weed management, no noxious weeds were identified during the onsite.



36.721413, -108.267668

Push fill into cut slope and re-contour with shallow swales and or silt traps for major drainage to create a rolling terrain that matches natural topography drainage features to limit erosion.

Rip and re-contour lease access with shallow swells to match natural topography drainage features.

Remove well pad perimeter fence.

Water and Gas pipeline riser will be removed, and the pipelines will be pupped below grade.



100 ft

**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), five copies, 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.

(October 2012 Revision)

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry 2679272

Attachment to notice of Intention to Abandon

Well: Navajo Tribal H 5

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. 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.

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

K. Rennick 07/14/2022

BLM - FFO - Geologic Report**Date Completed** 7/12/2022

Well No. Navajo Tribal H #5 Surf. Loc. 705 FSL 660 FWL
 Sec. 13 T29N R14W

Lease No. 14206032198
 Operator Hilcorp Energy Co. County San Juan State New Mexico
 TVD 5070 PBTD 1098 Formation Pictured Cliffs
 Elevation GL 5278 Elevation Est. KB 5286

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Kirtland Fm.	Surface	0	
Fruitland Fm.	432	4854	Coal/gas/possible water
Pictured Cliffs Ss	885	4401	Probable water
Lewis Shale	1085	4201	

Remarks:Reference Well:

Same

Prepared by: Walter Gage

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 125682

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 125682
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	7/19/2022
kpickford	Adhere to BLM approved COAs and plugs. See GEO report.	7/19/2022