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

Sundry Print Report

08/11/2022

Well Name: NV NAVAJO 25

Well Location: T29N / R14W / SEC 25 / SWSE /

County or Parish/State: SAN JUAN / NM

Well Number: 4

Type of Well: OTHER

Allottee or Tribe Name: SHIPROCK

Lease Number: 14206032172

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004531303

Well Status: Gas Well Shut In

Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2686696

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/11/2022

Time Sundry Submitted: 08:58

Date proposed operation will begin: 10/01/2022

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 Bertha Spencer/BIA, arson Nez/Navajo Nation and Emmanuel Adeloye/BLM. 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

NV_Navajo_25_4_P_A_NOI_Packet_20220811085817.pdf

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Conditions of Approval

Specialist Review

General_Requirement_PxA_20220811105204.pdf

29N14W25_NV_NAVAJO_25_4_GEO_KGR_20220811105140.pdf

2686696_NOIA_25_4_300453103_KR_08112022_20220811105040.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: AUG 11, 2022 08:58 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: 08/11/2022

Signature: Kenneth Rennick

HILCORP ENERGY COMPANY
NV NAVAJO 25 #004
NOTICE OF INTENT TO PERMANENTLY ABANDON

API #:	3004531303

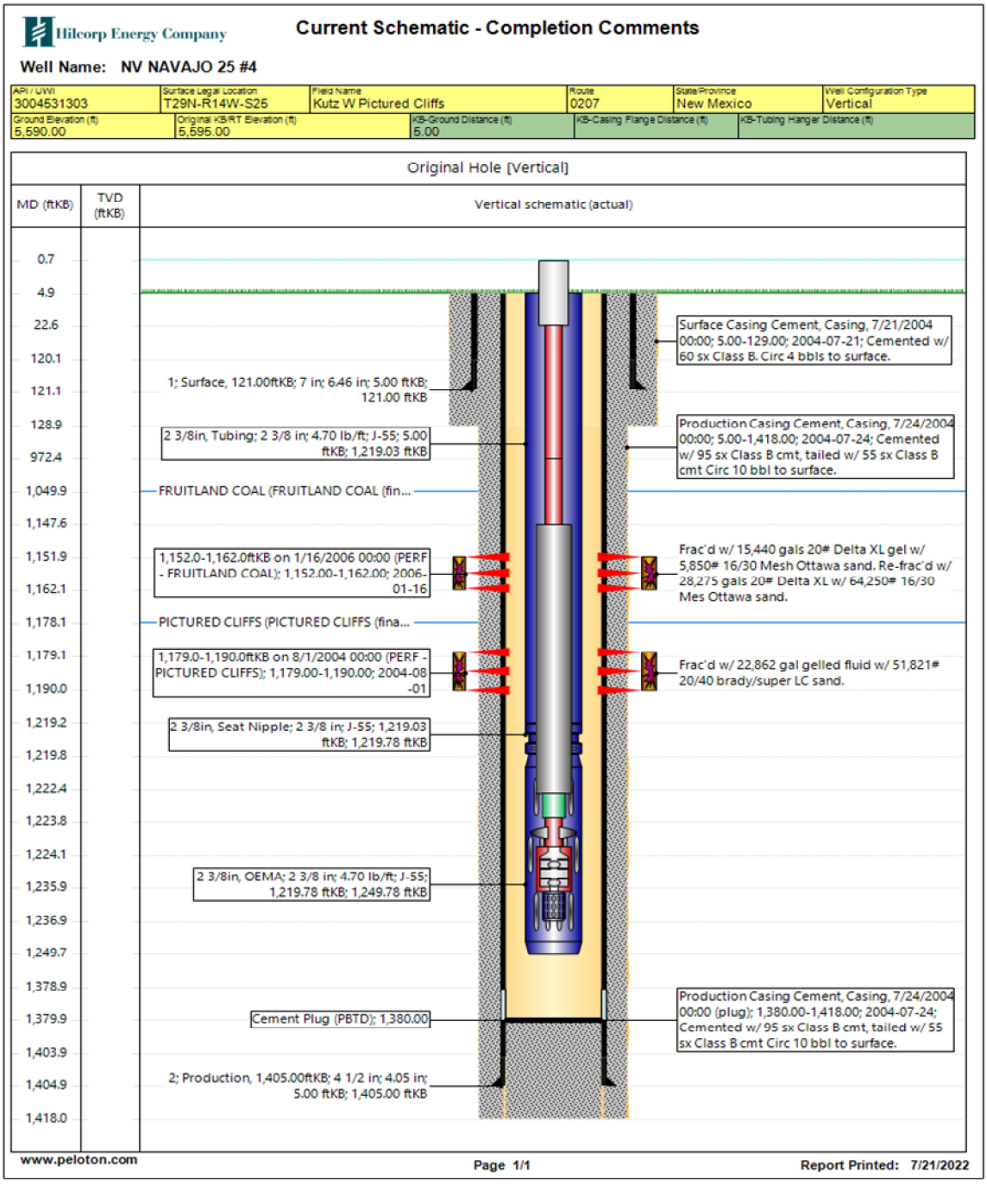
JOB PROCEDURES

☑ NMOCD ☑ BLM **Contact OCD and BLM (where applicable) 24 hrs prior to MIRU. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.**

1. MIRU service rig and associated equipment, LOTO pumping unit and remove HH and bridle.
2. Unseat insert pump and TOOH w/ pump on rods, lay down rods.
3. Load well, ND tree, NU BOPs and test.
4. TOOH w/ 2-3/8" 4.7# EUE J55 tbg and open-ended mud anchor set at 1,250'.
5. PU 4-1/2" csg mill or scraper and TIH to 1,120'. TOOH and LD mill/scraper.
6. MU 4-1/2" mechanical plug (CIBP or CICR) and RIH. Set at **+/- 1,102'** to isolate the Fruitland Coal & Pictured Cliffs perforations.
7. Pressure test the csg and mechnical plug to 600 psi. Monitor pressures for 30 minutes.
8. **Plug #1, 950'- 1,102' (Fruitland Coal Perforations: 1,152' - 1,162' & Pictured Cliffs Perforations: 1,179' - 1,190')** Mix and pump 12 SX of Class G cement and spot balanced plug to cover Mechanical Plug @ 1,102' & Fruitland Coal top @ 1,050'. PU and reverse circulate tubing clean.
9. **Plug #2, Surface - 171' (Surface shoe: 121')** Mix and pump 13 SX of Class G cement and spot a balanced plug to cover the casing shoe. Pump until good cement returns to surface.
10. LD tubing. ND BOP and cut off wellhead below surface casing flange as per NMOCD. Top off cement at surface as needed. Weld new P&A maker.

HILCORP ENERGY COMPANY
NV NAVAJO 25 #004
NOTICE OF INTENT TO PERMANENTLY ABANDON

NV NAVAJO 25 #004 - CURRENT WELLBORE SCHEMATIC



HILCORP ENERGY COMPANY
NV NAVAJO 25 #004
NOTICE OF INTENT TO PERMANENTLY ABANDON

NV NAVAJO 25 #004 - PROPOSED P&A SCHEMATIC

Hilcorp Energy Company

WBD Proposed

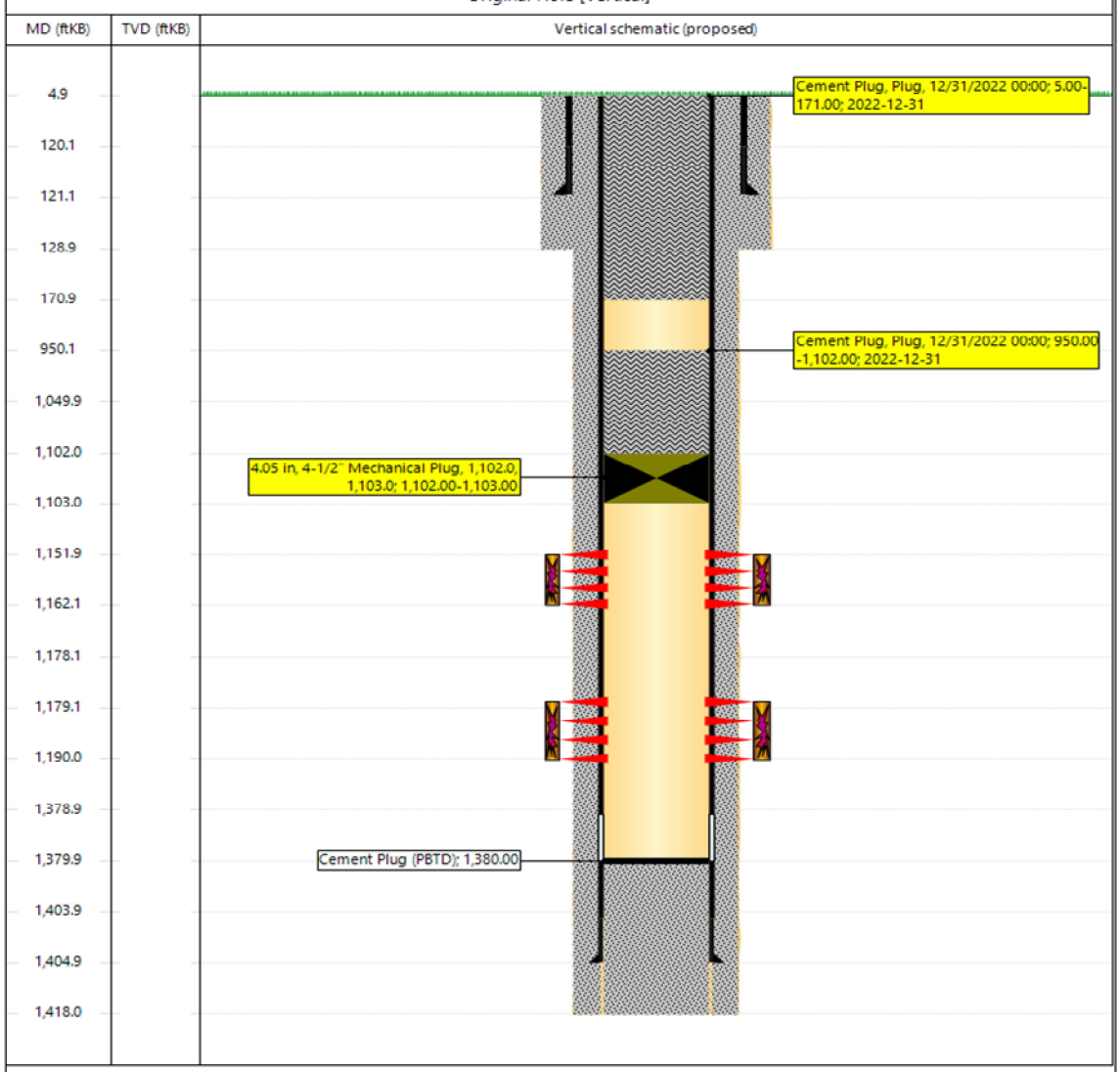
Well Name: NV NAVAJO 25 #4

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004531303	T29N-R14W-S25	Kutz W Pictured Cliffs		New Mexico	Vertical
Ground Elevation (ft)	**Casing Flange Elevation (ft)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**Original Spud Date**	**Rig Release Date**
5,590.00		5.00		7/21/2004 00:00	7/23/2004 00:00

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Well Maintenance	Repair	Tubing	2/17/2016	2/18/2016

Original Hole [Vertical]



Hilcorp Energy
P&A Final Reclamation Plan
NV Navajo 25 #4
API: 30-045-31303
O – Sec.25-T029N-R014W
Lat: 36.692285, Long: -108.25862
725' FSL & 1930' FEL
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) The produced water pipeline piping approximately ~2 tenths of a mile from the well pad to the mainline will be abandoned in place and capped ~4' below grade on both ends. The mainline pipeline will be blind flanged or capped off from the abandoned pipeline.
2.4) The gas pipeline piping approximately ~2 tenths of a mile from the well pad to the mainline will be abandoned in place and capped ~4 below grade on both ends. The mainline pipeline will be blind flanged or capped off from the abandoned pipeline.
2.5) Location had very minimal nonnative aggregate, all nonnative aggregate will be scraped up and buried in toe of the cut prior to re-contouring.
2.6) Push fill slope up 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:

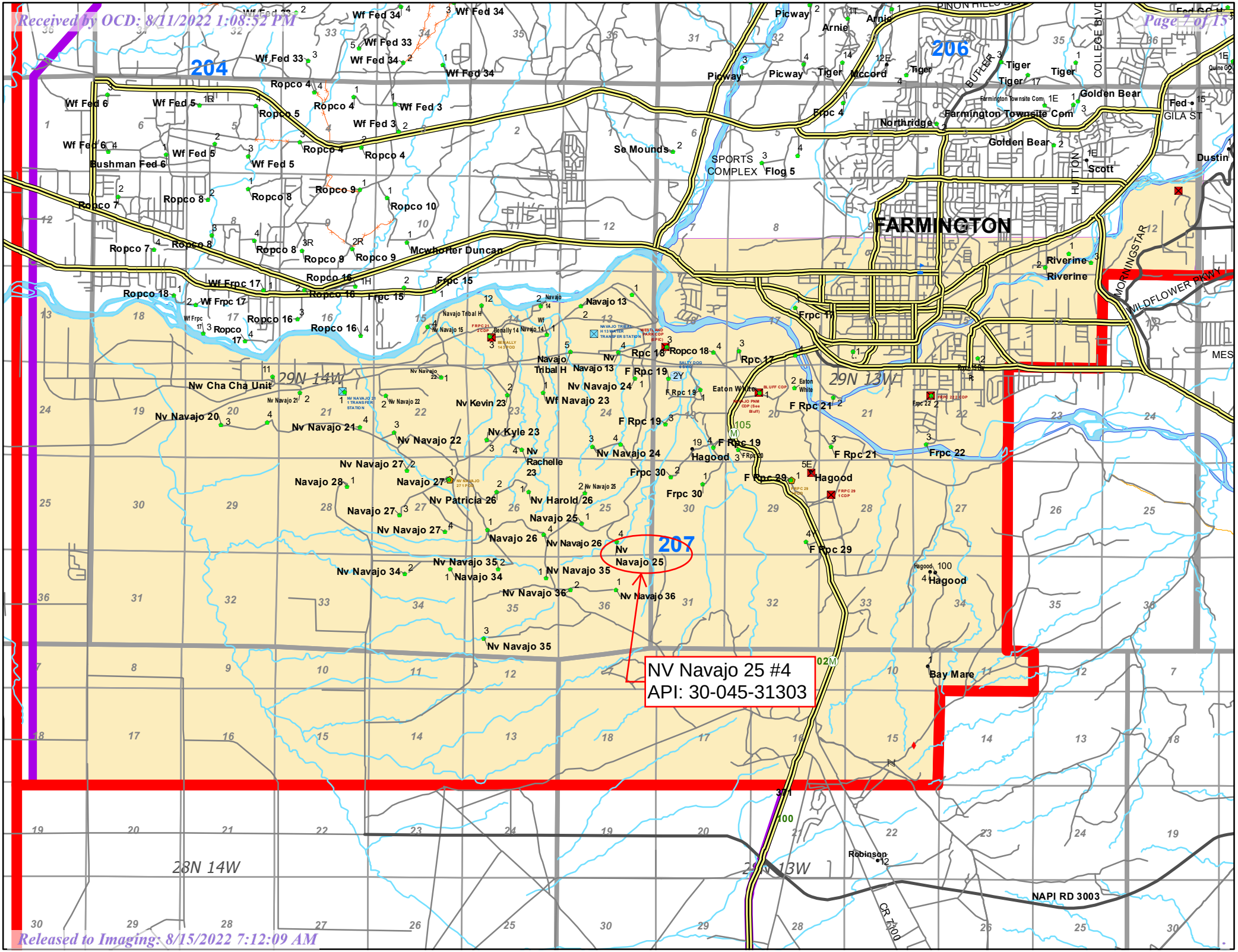
3.1) The main lease access road is approximately ~2 tenths of a mile long, it will not be reclaimed it is part of a network of roads and trail systems.

4. SEEDING PROCDURE

4.1) A Pinion/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.

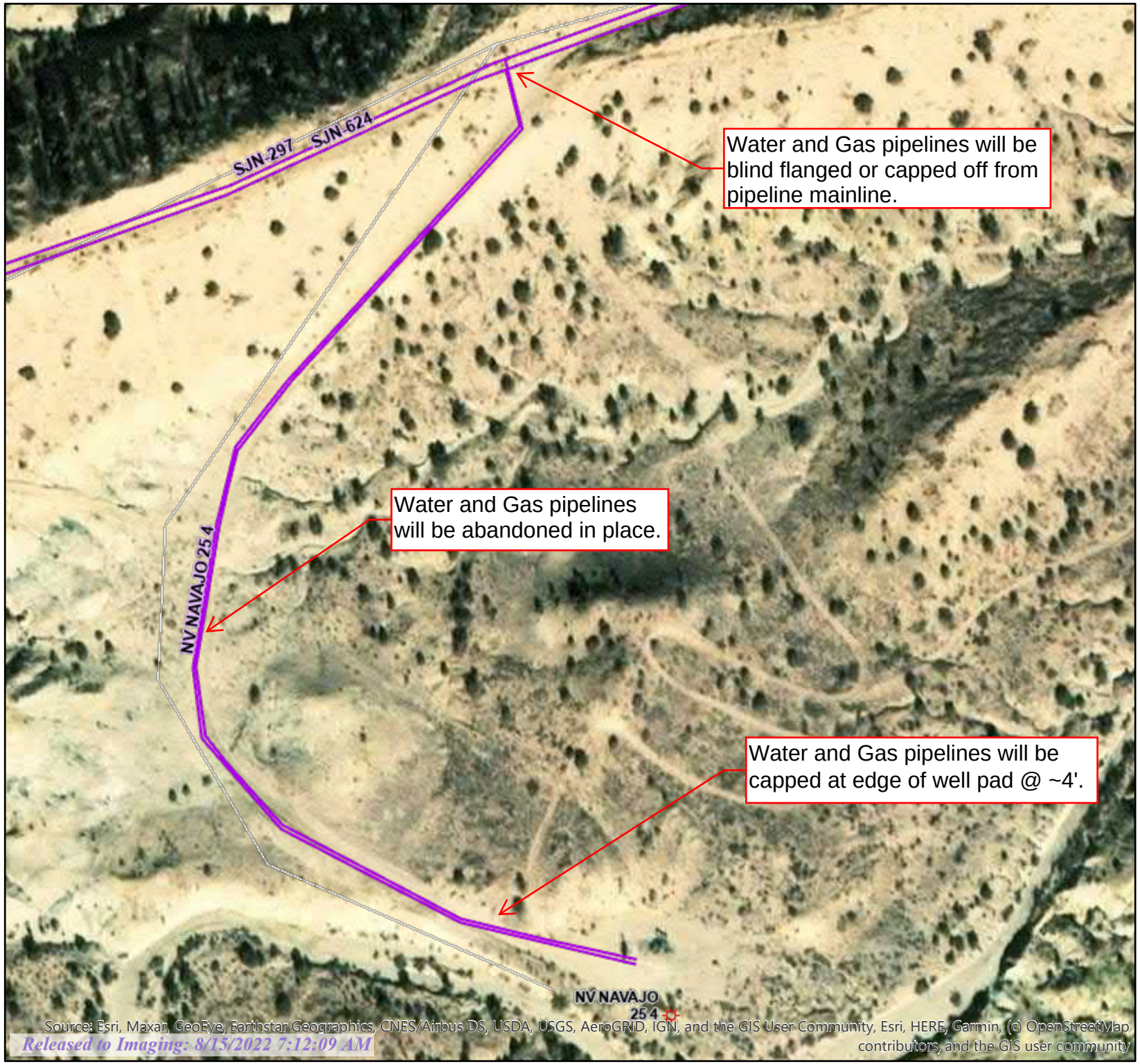


NV Navajo 25 #4

Reclamation Map

Legend

ArcGIS Web Map



Date: 5/4/2022
Scale: 1:2,257
0 0.01 0.01 0.03 0.04 0.06 mi

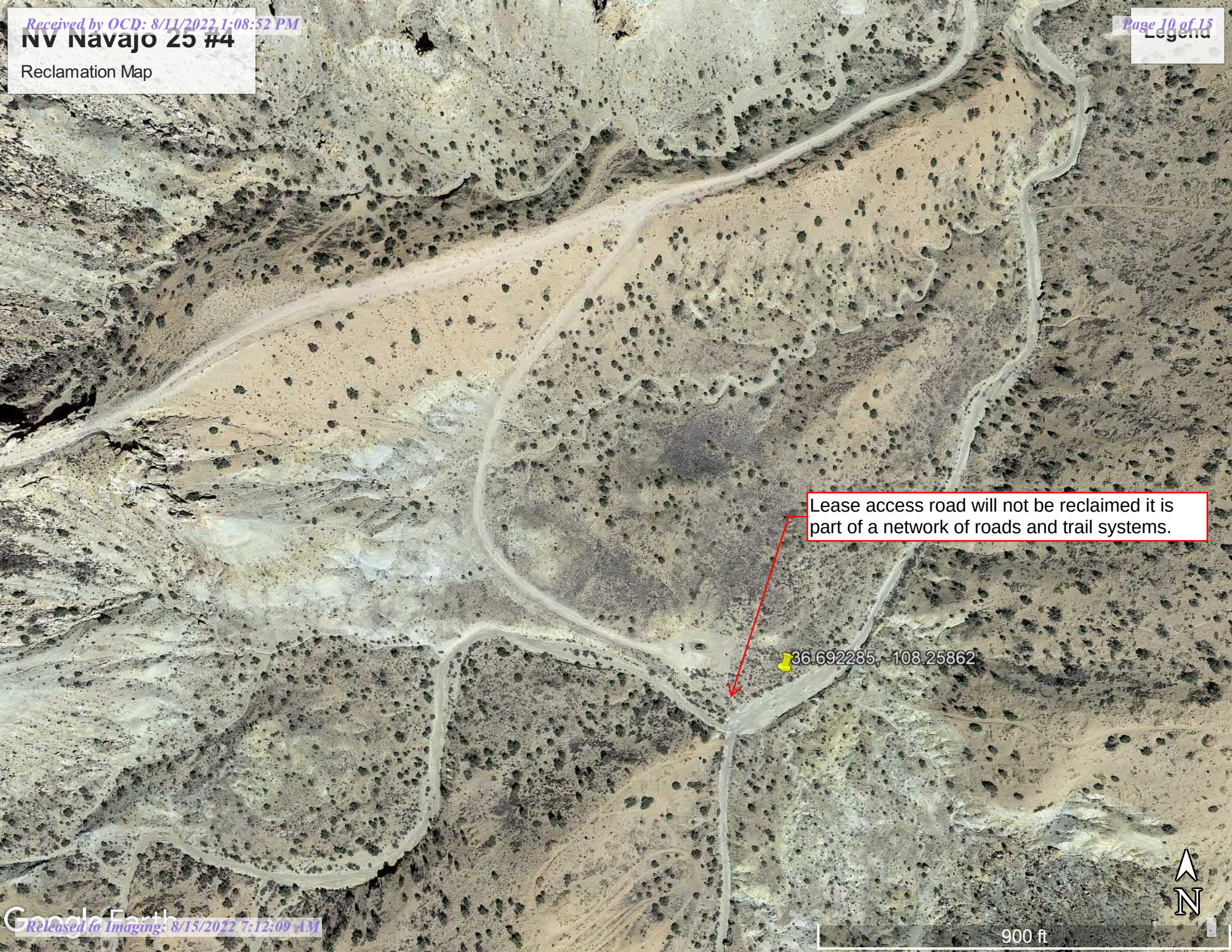
N

Wells
Hilcorp Wells Surface Location
Gas Well
Pipelines
Hilcorp Operated Pipeline
Hilcorp Boundaries
Asset Teams
Supervisor Areas, outline
Roads and Highways
SJB Roads
Road

NV Navajo 25 #4

Reclamation Map

Legend



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_2S.

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.

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

AFMSS 2 Sundry ID 2686696

Attachment to notice of Intention to Abandon

Well: NV Navajo 25 4

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 8/11/2022

BLM FLUID MINERALS
P&A Geologic Report

Date Completed: 08/11/2022

Well No. NV Navajo 25 4 (API# 30-045-31303)		Location:	SWSE		
Lease No. 14206032172		Sec. 25	T29N		R14W
Operator Hilcorp Energy Company		County	San Juan	State	New Mexico
Total Depth 1418’	PBTD 1380’	Formation	Fruitland Coal & Pictured Cliffs		
Elevation (GR) 5590’		Elevation (KB)	5595’		

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm					Possible freshwater sands
Ojo Alamo Ss					Aquifer (possible freshwater)
Kirtland Shale					
Fruitland Fm			1050		Coal/Gas/Possible water
Pictured Cliffs Ss			1178		Gas
Lewis Shale					
Chacra					Gas
Cliff House					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos					Water/Possible gas
Gallup					O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:
P & A

Reference Well:

- Pictured Cliffs perforations 1179 – 1190’. Fruitland Coal perforations 1152 – 1162’.

Prepared by: *Kenneth Rennick*

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 133194

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 133194
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	8/15/2022
kpickford	Adhere to BLM approved plugs and COAs. See GEO Report	8/15/2022