Well Name: HOYT

Well Location: T26N / R4W / SEC 5 / NWSW / 36.5137791 / -107.2780205

County or Parish/State: RIO ARRIBA / NM

Well Number: 2

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name: JICARILLA APACHE

Lease Number: JIC119

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003906690

Well Status: Producing Gas Well

Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2750555

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/11/2023

Time Sundry Submitted: 02:50

Date proposed operation will begin: 09/18/2023

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 9/6/2023 with Kurt Sandoval, Alfred Vigil, Donna Montoya with Jicarilla Tribe and Bryan Hall. 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

Hoyt_2_PA_NOI_20230911145037.pdf

Well Name: HOYT	**Well Location:** T26N / R4W / SEC 5 / NWSW / 36.5137791 / -107.2780205	**County or Parish/State:** RIO ARRIBA / NM
Well Number: 2	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:** JICARILLA APACHE
Lease Number: JIC119	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3003906690	**Well Status:** Producing Gas Well	**Operator:** HILCORP ENERGY COMPANY

Conditions of Approval

Specialist Review

General_Requirement_PxA_20230913151504.pdf

2750555_NOIA_2_3003906690_KR_09132023_20230913151448.pdf

26N04W05_Hoyt_2_Geo_KGR_20230913151439.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: CHERYLENE WESTON

Signed on: SEP 11, 2023 02:50 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON **State:** TX

Phone: (713) 289-2615

Email address: CWESTON@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: 09/13/2023

Signature: Kenneth Rennick

HILCORP ENERGY COMPANY
Hoyt 2
NOTICE OF INTENT TO PERMANENTLY ABANDON

API #:	3003906690

JOB PROCEDURES

☑ NMOCD
☑ BLM
☑ Jicarilla

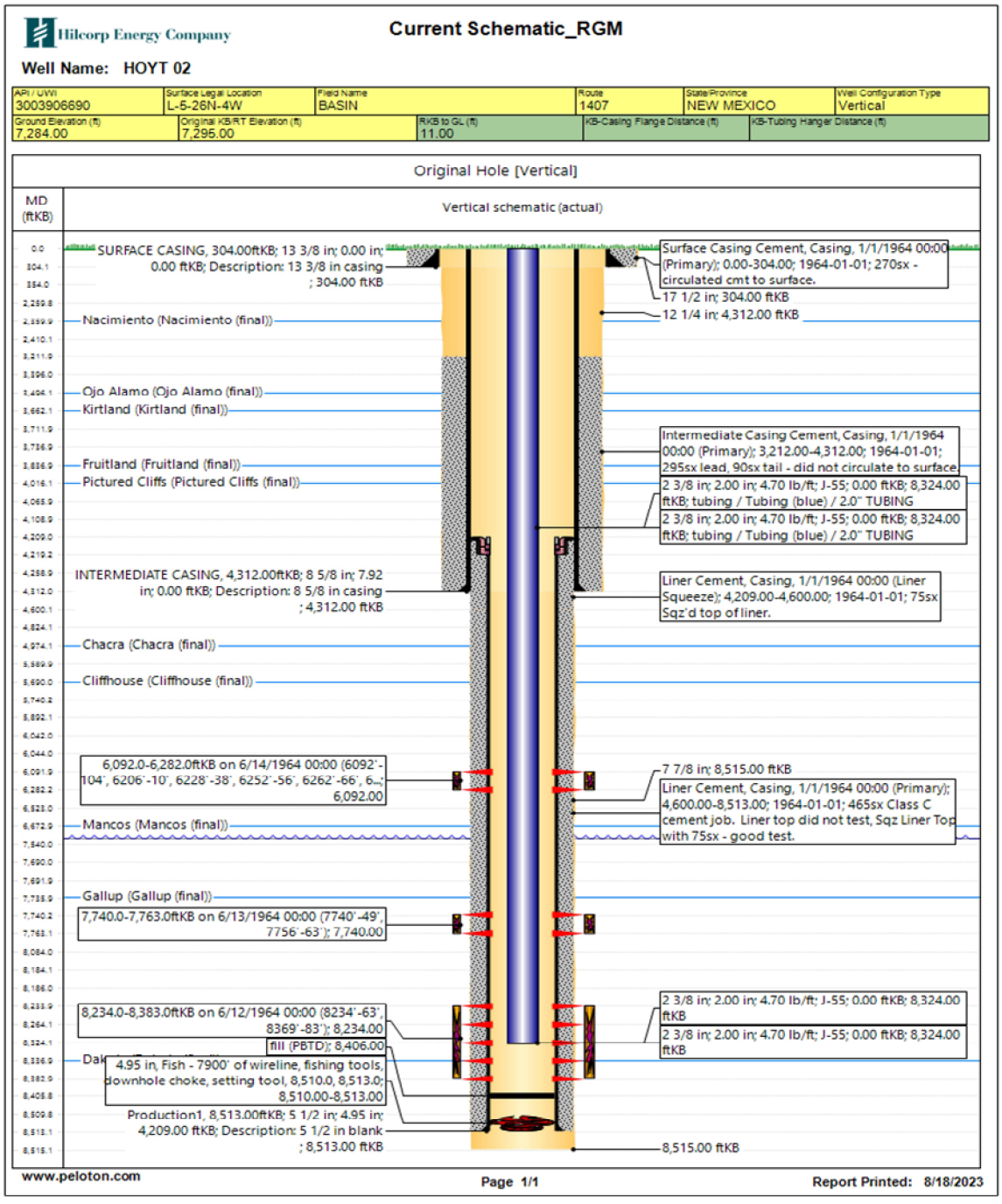
Contact OCD & BLM 24 hrs prior to MIRU - confirm a PTPW has been acquired from Jicarilla. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.

1. MIRU service rig and associated equipment, record all pressures on wellbore.
2. Load well, ND tree, NU BOPs and test.
3. TOOH w/ 2-3/8" 4.7# EUE J55 tbg set at 8,324'.
4. MU 5-1/2" 15.5# bit/scraper, clear csg to 8,190', POOH. RIH w/ 5-1/2" 15.5# CICR on pipe and set @ 8,184' (DK/GRN Top Perf @ 8,234').
5. **Plug #1a | 8,184' - 8,264' (CICR @ 8,184' | GRN Bottom Perf: 8,264')** Pump 16sx (3.7 bbl) Class III "Select" cement below the CICR to cover the Graneros perforations to bottom perf. **Note: cement volume includes 100% excess.*

   Plug #1b | 8,084' - 8,184' (CICR @ 8,184') Pump 10sx (2.4 bbl) Class III "Select" cement and spot a 100' inside plug over the CICR.
   WOC, tag TOC w/ work string, POOH.
6. MU CICR, RIH set @ 7,690'.
   Plug #2 | 7,540' - 7,690' (Gallup Top @ 7,736' | Top Perf @ 7,740') Pump 15sx (3.7 bbl) Class III "Select" cement and spot a 150' inside plug over the Gallup Top & CICR.
   WOC, tag TOC w/ work string.
7. PUH w/ work string to 6,723'.
   Plug #3 | 6,573' - 6,723' (Mancos Top @ 6,673') Pump 15sx (3.7 bbl) Class III "Select" cement and spot a 150' inside plug over the Mancos Top.
   WOC, tag TOC w/ work string, POOH.
8. MU CICR, RIH set @ 6,042'. Load well with inhibited brine & circulate clean. Pressure test the csg to 560 psi. Monitor for 30 minutes. ***Run CBL from 6,042' to surface.***
   **All of the following plug designs are subject to change pending CBL results.*
9. RIH w/ work string to 6,042', tag CICR in place.
   Plug #4 | 5,892' - 6,042' (CICR @ 6,042') Pump 44sx (10.7 bbl) Class III "Select" cement & spot a 150' inside plug over the CICR.
10. **Plug #5 | 5,590' - 5,740' (Cliff House Top @ 5,690')** Pump 15sx (3.7 bbl) Class III "Select" cement & spot a 150' inside plug over the CH Top.
11. **Plug #6 | 4,874' - 5,024' (Chacra Top @ 4,974')** Pump 15sx (3.7 bbl) Class III "Select" cement & spot a 150' inside plug over the Chacra Top.
12. **Plug #7 | 4,109' - 4,259' (Liner Top @ 4,209')** Pump 30sx (7.3 bbl) Class III "Select" cement and spot a 150' inside plug over the Liner Top.
13. **Plug #8 | 3,737' - 4,066' (Fruitland Top @ 3,837' | Pictured Cliffs Top @ 4,016')** Pump 83sx (20.3 bbl) Class III "Select" cement and spot a 329' inside plug over the Pictured Cliffs & Fruitland Tops.
14. **Plug #9 | 3,396' - 3,712' (Ojo Top @ 3,496' | Kirtland Top @ 3,662')** Pump 79sx (19.3 bbl) Class III Select cement and spot a 316' inside plug over the Ojo & Kirtland Tops.
    Plugs will be split & NMOCD/BLM will be notified if BH pressure is present.
15. RU ELU, perf holes in 8-5/8" csg @ 2,410'. Establish injections into perfs. MU CICR, RIH on pipe, set @ 2,360'.
    Plug #10 | 2,260' - 2,410' (Nacimiento Top @ 2,360') Pump 139sx (26.2 bbl) Class III Select cement *[90sx cmt below CICR, 49sx on top of CICR]* Inject cmt volume below to fill csg & annulus, sting out, spot 100' cmt on top of CICR.
16. RU ELU, perf circ holes in 8-5/8" csg @ 354'. Establish circulation up annulus to surface.
    Plug #11 | Surface - 354' (Surface Shoe @ 304') Pump 145sx (35.4 bbl) Class III "Select" cement and spot a 344' inside/outside plug to cover the surface shoe from 354' to surface.
17. 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
Hoyt 2
NOTICE OF INTENT TO PERMANENTLY ABANDON

Hoyt 2 - CURRENT WELLBORE SCHEMATIC



HILCORP ENERGY COMPANY
Hoyt 2
NOTICE OF INTENT TO PERMANENTLY ABANDON

Hoyt 2 - PROPOSED P&A SCHEMATIC

Hilcorp Energy Company

WBD Proposed Formations

Well Name: HOYT 02

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003906690	L-5-26N-4W	BASIN	30026100	NEW MEXICO	Vertical
Ground Elevation (ft)	**Casing Flange Elevation (ft)**	**RKB to GL (ft)**	**KB-Casing Flange Distance (ft)**	**Original Spud Date**	**Rig Release Date**
7,284.00		11.00		1/20/1964 00:00	

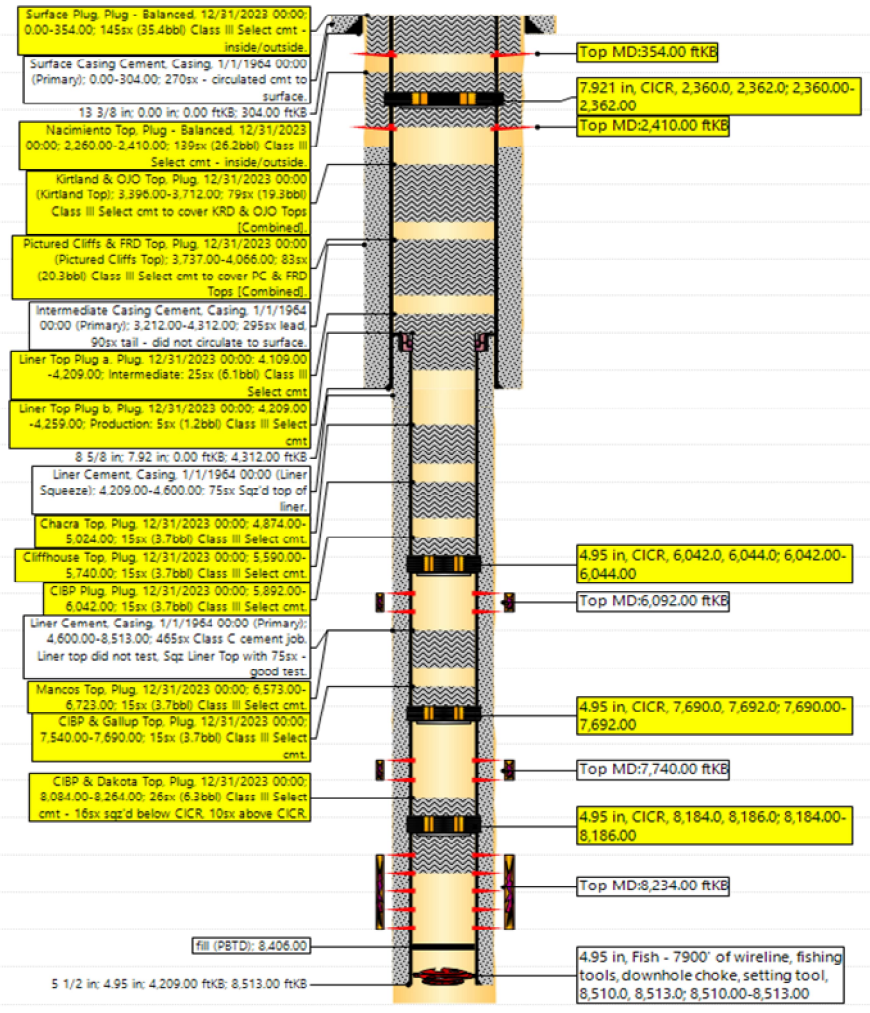
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Capital Workover	CASING REPAIR			

Original Hole [Vertical]

MD (ftKB)	Formation Tops	MD
304.1		
2,259.8		
2,361.9	Nacimiento	2,360.0
3,211.9		
3,496.1	Ojo Alamo	3,496.0
3,711.9	Kirtland	3,662.0
3,836.9	Fruitland	3,837.0
4,065.9	Pictured Cliffs	4,016.0
4,209.0		
4,258.9		
4,600.1		
4,974.1	Chacra	4,974.0
5,589.9		
5,740.2	Cliffhouse	5,690.0
6,042.0		
6,091.9		
6,573.2		
6,723.1	Mancos	6,673.0
7,690.0		
7,735.9	Gallup	7,736.0
7,763.1		
8,184.1		
8,233.9		
8,324.1		
8,382.9	Dakota	8,337.0
8,509.8		
8,515.1		

Vertical schematic (proposed)



www.peloton.com Page 1/1 Report Printed: 8/18/2023

Hilcorp Energy

Hoyt Unit 2
36.513779, -107.278021
API-30-039-06690
Jicarilla Lease #119

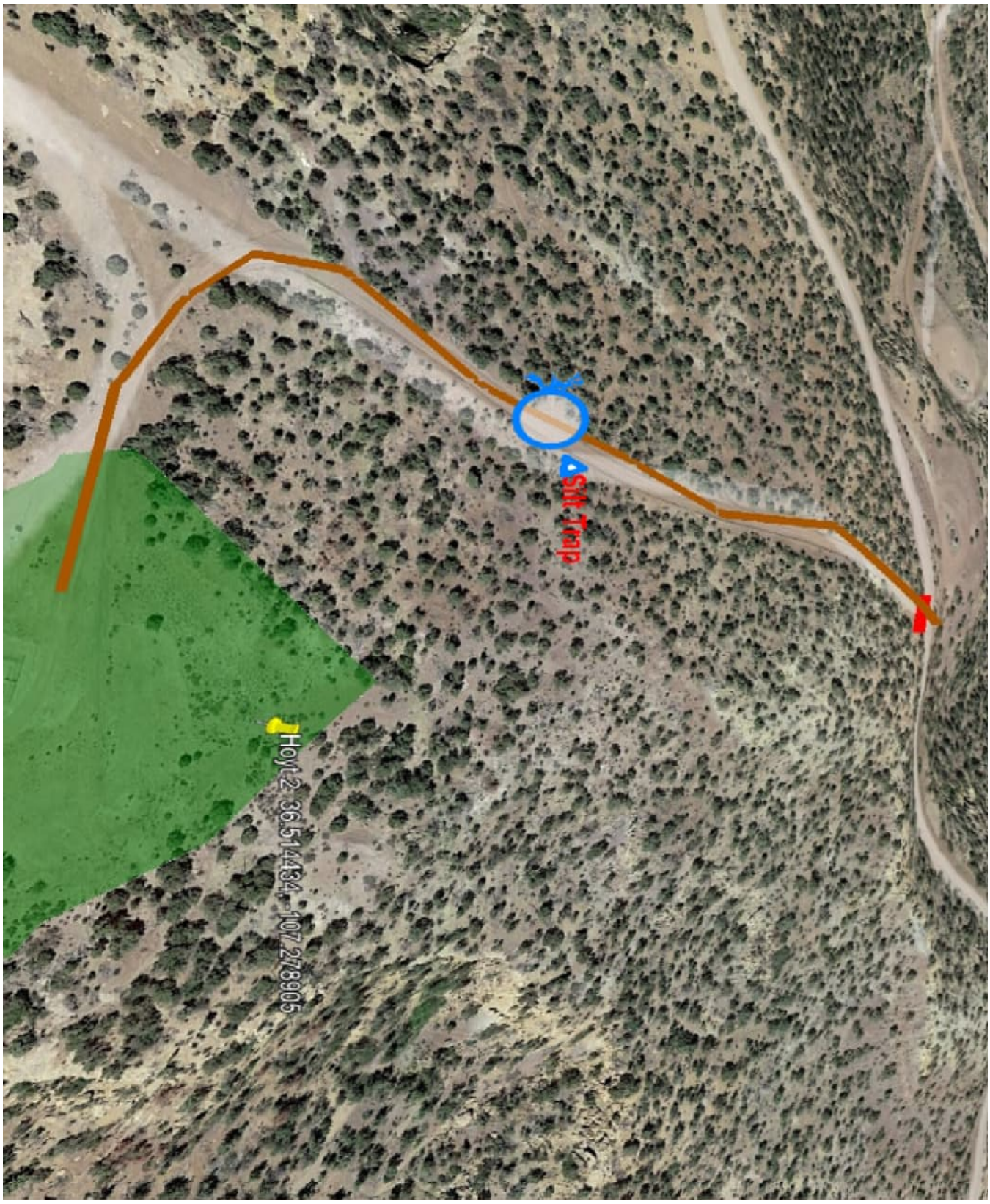
Final Reclamation Plan

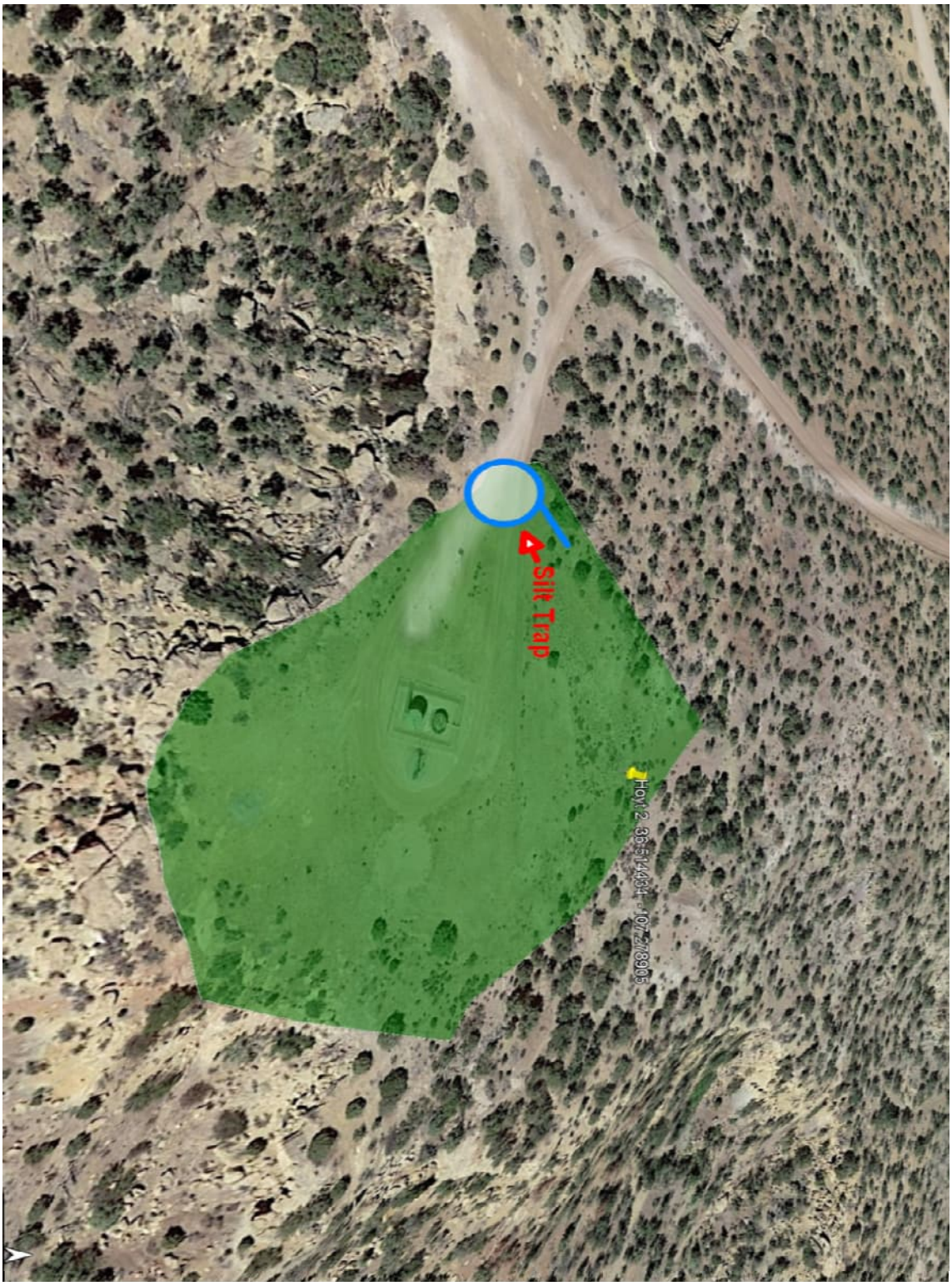
Onsite Completed on 9/6/2023 with Kurt Sandoval, Alfred Vigil, Donna Montoya, and Bryan Hall. BLM did not attend.

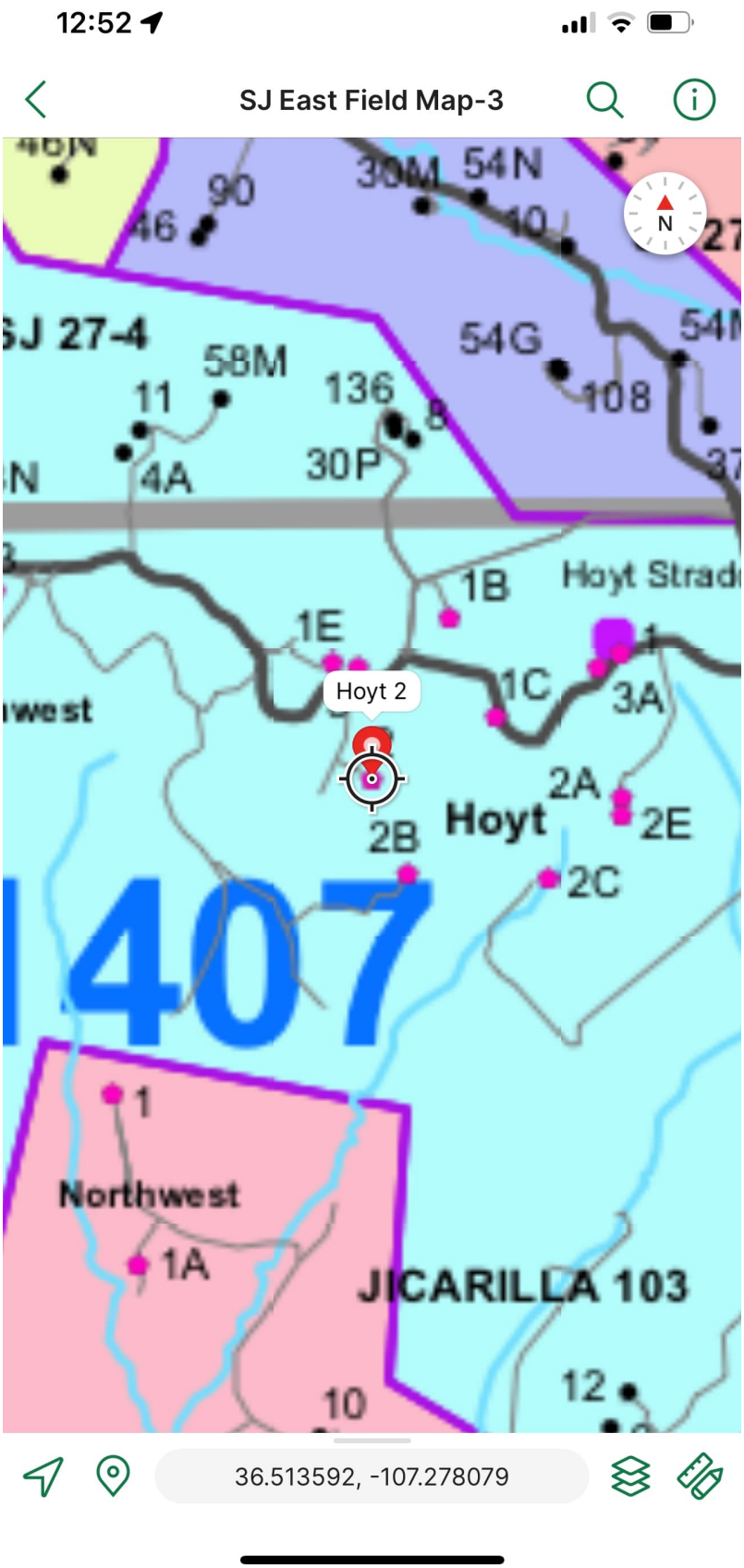
P&A Justification: Hole in casing, and it is not economically feasible to repair.

Pick up and remove all trash, metal, cable, and any foreign debris within 200' of location.

1. Remove anchors.
2. Strip equipment off facility.
3. Complete 5-point test under tanks, separator, and Wellhead.
4. Plug Cathodic well.
5. Haul gravel and place on main road.
6. Harvest to remove meter run and piping back to dog leg.
7. Re-contour pad to re-create natural terrain. Set surface wellhead marker plate. Build silt trap at the entrance of the location.
8. Place dead trees from side of location on pad.
9. Reclaim road back to main road, placing rolling water bars where needed to control erosion, along with a silt trap as indicated. Build woven wire fence at the entrance.
10. Rip compacted soil.
11. Re-seed all disturbed areas. Drill where applicable at rate per acre defined by seed mix, and broadcast seed and harrow, at double the rate, all other disturbed areas. Mesa Mix seed mix will be used.


Silt Trap
Hoyt-2 36.514434, -107.278905


Silt Trap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54N
10
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SJ 27-4
58M
11
136
8
54G
108
54M
30P
4A
1B
Hoyt Strad
1E
Hoyt 2
1C
3A
2A
2E
Hoyt
2B
2C
407
1
Northwest
1A
JICARILLA 103
10
12
36.513592, -107.278079

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), 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.

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

AFMSS 2 Sundry ID 2750555

Attachment to notice of Intention to Abandon

Well: Hoyt 2

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 09/13/2023

BLM FLUID MINERALS
P&A Geologic Report

Date Completed: 9/13/2023

Well No. Hoyt 2 (API 30-039-06690)		Location	NWSW		
Lease No. JIC119		Sec. 5	T26N		R4W
Operator Hilcorp Energy Company		County	Rio Arriba	State	New Mexico
Total Depth 8515'		Formation	Dakota, Mesaverde, Gallup		
Elevation (GL) 7282'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm	2360				Possible freshwater sands
Ojo Alamo Ss	3496				Aquifer (possible freshwater)
Kirtland Shale	3662				
Fruitland Fm	3837				Coal/Gas/Possible water
Pictured Cliffs Ss	4016				Gas
Lewis Shale					
Chacra	4974				Gas
Cliff House Ss	5690				Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale	6673				
Gallup	7736				O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss	8337				O&G/Water

Remarks:
P & A

Reference Well:

- No Raster Log available for the well. The formation tops estimated by the operator are appropriate for the area.

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 265208

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 265208
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	approved for record - inhibitor on item 8 of plugging plan - not usually used in this area	10/2/2023