

Well Name: MADDOX WN FEDERAL	Well Location: T30N / R13W / SEC 12 / SWSW / 36.823421 / -108.110621	County or Parish/State: SAN JUAN / NM
Well Number: 8	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM0546	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004530334	Well Status: Temporarily Abandoned	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2774938

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/13/2024

Time Sundry Submitted: 12:24

Date proposed operation will begin: 03/01/2024

Procedure Description: Hilcorp Energy request permission to plug and abandon the subject well per the attached procedure, current and proposed wellbore schematics. A Pre-Disturbance Site Visit was conducted on 2/13/2024 with Roger Herrera, BLM, and Dale Crawford, Hilcorp Energy Construction Foreman. 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

Maddox_WN_Federal_8_P_A_Procedure_20240213122346.pdf

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Well Status: Temporarily Abandoned

Operator: HILCORP ENERGY
COMPANY**Conditions of Approval****Specialist Review**

2774938_NOI_PnA_Maddox_WN_Federal_8_3004530334_MHK_2.13.2024_20240214073117.pdf

2774938_30N13W12_Maddox_WN_Federal_8_Geo_MHK_20240214072612.pdf

General_Requirement_PxA_20240214070757.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: FEB 13, 2024 12:24 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 02/14/2024

Signature: Matthew Kade



HILCORP ENERGY COMPANY
Maddox WN Fed #8
NOTICE OF INTENT TO PERMANENTLY ABANDON

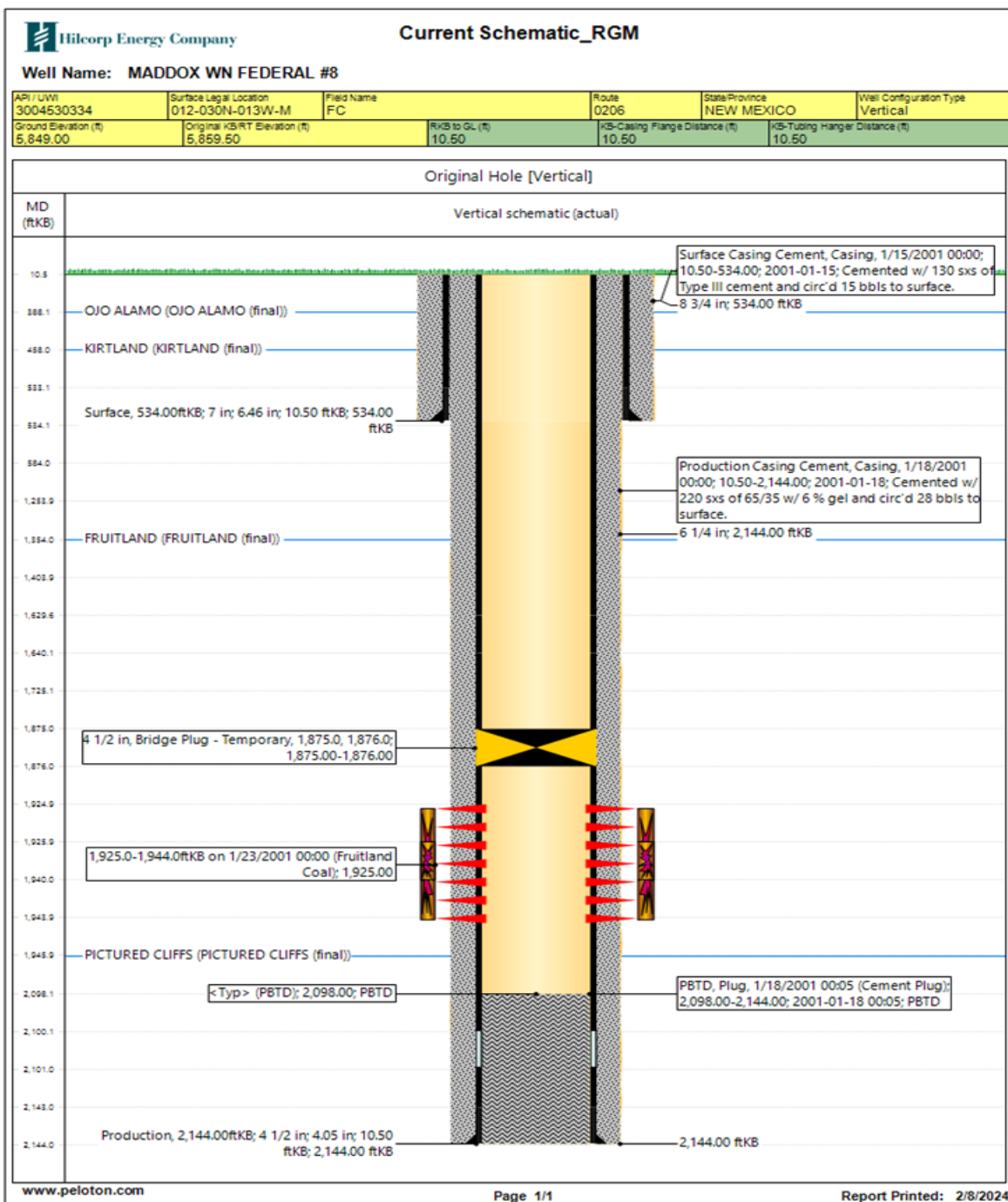
API #:	3004530334
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JOB PROCEDURES		
<input checked="" type="checkbox"/>	NMOCD	Contact OCD and BLM (where applicable) 24 hrs prior to MIRU. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.
<input checked="" type="checkbox"/>	BLM	
<div>1. MIRU service rig and associated equipment, record all pressures on wellbore.</div> <div>2. RU ELU, load hole, run CBL from 1,875' to surface. <i>Note: the following plug design will be adjusted per CBL results.</i></div> <div>3. RIH w/ work string, tag CIBP in place @ 1,875'. Load hole as needed, execute witnessed pressure test to 560psi for 30min.</div> <div>4. Plug #1 1,725' - 1,875' (CIBP @ 1,875') Pump 10sx (2.4 bbl) Class III "Select" cement and spot a 150' inside plug over the CIBP.</div> <div>5. Plug #2 1,254' - 1,404' (Fruitland Top @ 1,354') Pump 10sx (2.4 bbl) Class III "Select" cement and spot a 150' inside plug over the Fruitland Top.</div> <div>6. Plug #3 11' - 584' (Ojo Top @ 388' Kirtland Top @ 458') Pump 38sx (9.3 bbl) Class III Select cement and spot a 574' inside plug over the Ojo & Kirtland Tops to surface. <i>Plugs will be split & NMOCD/BLM will be notified if BH pressure is present.</i></div> <div>7. 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.</div>		



HILCORP ENERGY COMPANY
Maddox WN Fed #8
NOTICE OF INTENT TO PERMANENTLY ABANDON

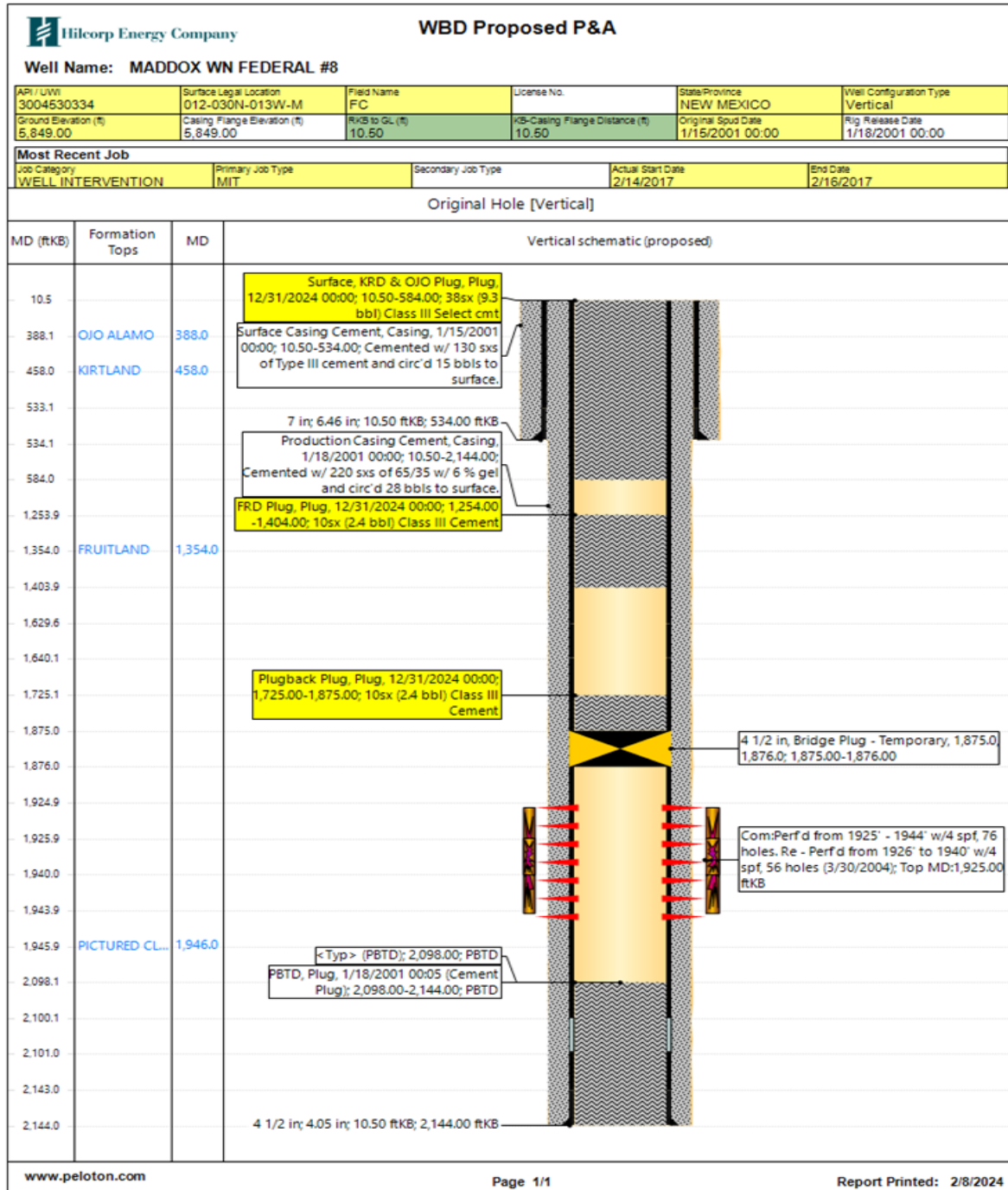
Maddox WN Fed #8 - CURRENT WELLBORE SCHEMATIC





HILCORP ENERGY COMPANY
Maddox WN Fed #8
NOTICE OF INTENT TO PERMANENTLY ABANDON

Maddox WN Fed #8 - PROPOSED P&A SCHEMATIC



Hilcorp Energy
P&A Final Reclamation Plan
Maddox WN Federal 8
API: 30-045-30334
T30N-R13W-Sec. 12-Unit M
LAT: 36.823319 LONG: -108.161677 NAD 27
Footage: 1,105' FSL & 995' FWL
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera, from the BLM and Dale Crawford, Hilcorp Energy SJ South Construction Foreman on February 13, 2024.

2. LOCATION RECLAMATION PROCEDURE

1. This well is twinned with the Maddox WN Federal 2. Final reclamation will occur after the Maddox WN Federal 2 is plugged and abandoned.
2. Removal of all equipment, anchors, flowlines associated with the Maddox WN Federal 8.
3. Both access roads will be maintained from CR 1980 (Choke Cherry Canyon Road) by reestablishing water turnouts and rolling diversions. Turnout water wherever possible to reduce volume and velocity of hydrologic flow. Blade road.
4. Meter run will be removed. Pipeline will be stripped back at final reclamation once the Maddox WN Federal 2 is P&Ad.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. Both access roads will be maintained from CR 1980 (Choke Cherry Canyon Road) by reestablishing water turnouts and rolling diversions. Turnout water wherever possible to reduce volume and velocity of hydrologic flow. Blade road.

4. SEEDING PROCEDURE

Final reclamation will occur after the twinned well Maddox WN Federal 2 is plugged and abandoned.


5. WEED MANAGEMENT

1. No noxious weeds were identified during this onsite.

Maddox WN Federal 8

UL M (SWSW) Sec. 12, T30N, R13W
San Juan County, NM

Legend

 36.823319 -108.161677

36.823319 -108.161677 

Remove Pump Jack

Blade Access

Google Earth

1000 ft



**BLM FLUID MINERALS
P&A Geologic Report**

Date Completed: 02/14/2024

Well No.: Maddox WN Federal 8 (API 30-045-30334)	Location:	1105	FSL	&	995	FWL
Lease No.: NMNM 0546	SWSW	Sec. 12		T30N	R13W	
Operator: Hilcorp Energy Company	County:	San Juan		State	New Mexico	
Total Depth: 2144'	2198' (PBSD)	Formation: Fruitland Coal				
Elevation (GL): 5849'		Elevation (KB):				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm			Surface	388'	Possible freshwater sands
Ojo Alamo Ss			388'	458'	Aquifer (possible freshwater)
Kirtland Shale			458'	1354'	
Fruitland Fm			1354'	1946'	Coal/Gas/Possible water
Pictured Cliffs Ss					Gas
Lewis Shale					
Chacra					Gas
Cliff House Ss					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale					
Gallup					O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P&A

- Fruitland Coal Perfs 1925' – 1944'.
- CIBP already in hole @ 1875'

Reference Well:

Maddox WN Federal #002

Prepared by: Matthew Kade

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

AFMSS 2 Sundry ID 2774938

Attachment to Notice of Intent for Plug and Abandonment

Operator: Hilcorp Energy Company

Well: Maddox WN Federal #8 (API#30-045-30334)

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. **NOTIFICATION:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
3. **Deadline of Completion of Operations:** Complete the plugging operation before February 14, 2025. 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. Estimated minimum sacks provided here include the necessary excesses.

Office Hours: 7:45 a.m. to 4:30 p.m. / M. Kade (mkade@blm.gov / 505-564-7736)

**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.

(March 2023 Revision)

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 314189

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 314189
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	cement needs to be ran to surface on surface plug - Notify NMOCD 24 hours prior to moving on	2/28/2024