

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

<b>Well Name:</b> J C GORDON B	<b>Well Location:</b> T27N / R10W / SEC 24 / NENW / 36.565094 / -107.849838	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 1	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF077952	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004506426	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

**Notice of Intent**

**Sundry ID:** 2742883

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 07/26/2023

**Time Sundry Submitted:** 08:52

**Date proposed operation will begin:** 09/01/2023

**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 7/25/2023 with Roger Herrera/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**

JC\_Gordon\_B\_1\_P\_A\_NOI\_20230726085140.pdf

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Allottee or Tribe Name:

Lease Number: NMSF077952

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004506426

Well Status: Producing Gas Well

Operator: HILCORP ENERGY COMPANY

### Conditions of Approval

#### Additional

2742883\_NOI\_PnA\_J\_C\_Gordon\_B\_\_001\_3004506426\_MHK\_07272023\_20230727081505.pdf

General\_Requirement\_PxA\_20230727074907.pdf

PxA\_27N10W27CKpc\_J\_C\_Gordon\_B\_001\_20230727074154.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: JUL 26, 2023 08:52 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 07/27/2023

Signature: Matthew Kade

## Hilcorp Energy Company

### Proposed P&A Procedure

Well: JC Gordon B #1

API: 30-045-06426

Date: 7/13/23

Surface: BLM

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Wellbore		Wt #	ID	Bottom (ft)	Bbl/ft	Drill Bit
SPUD	5/28/1951					
KB (ft)	5					
Surface Casing	9-5/8"	32.3#	9	101	0.07865	15-1/4"
Inter. Casing	5-1/2"	14#	5.01	2,031	0.02437	7-7/8"
Int Csg x Open hole	9 x 5.5"				0.04930	
Production Casing	3-1/2"	9.3#	2.99	2,104	0.00868	7-7/8"
Int Csg Annular	5.01" x 3.5"	-	-	-	0.01250	
Tubing	2-1/16" (2006)	3.25#	1.751	2,084	IJ 10rd	62 jts
PBTD	2,098 ft					
Rod String	3/4" rods (82 total)					

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### Cement

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Type	Type III	
Yield	1.37	Bbl/sx
Water	6.64	Gal/sx
Weight	14.8	PPG
Total Job Cmt	190	SX
Total Cmt Water	1261.6	Gal
Csg Vol Water	16.7	Bbl

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Lift Type: Rod pump

SICP/ SIIP: 7 psi / 0 psi

Historic Braden Head Pressure: 0 psi (5/21)

Rig History: Wellbore deepened with 3-1/2" csg (cmt to surface) in 1974; Wellhead was cut off and rebuilt in 2002 along with a rod pump was installed; rod pump swap in 2006.

Slickline: none

CBL Logs: none

## Hilcorp Energy Company

### Proposed P&A Procedure

*P&A Cement: All cement plugs include a 50 ft excess volume. Due to SJ Basin cement resource limitations, Type III (6.64 gal/sx, 1.37 yld, 14.8#), Type 2/5 (6.041 gal/sx, 1.27 yld, 15#), or Class G (5 gal/sx, 1.15 yld, 15.8#) cement types might be used at any point during the P&A project.*

#### RIG P&A PROCEDURE:

- 1) Verify all wellhead valves are operatable and location is accessible for P&A rig.
- 2) Move onto well location. Check well pressures on all casing strings and record each daily. Check well for H<sub>2</sub>S and blow down well as necessary.
- 3) Release rod pump, and TOOH with rod string and pump.
- 4) RD wellhead and RU BOPs. Function test BOP 2-1/16" pipe and blind rams.
- 5) TOOH with 2-1/16" production tbg and LD with BHA.
- 6) RU E-line and MU 3.5" GR. RIH and clear csg down to 2,028'.
- 7) MU 3.5" CIBP and RIH. Set at 2,026'.
- 8) MU 1.66" work string and RIH to CIBP.
- 9) Load casing with water and pressure test csg to 650 psi for 10 min to verify integrity.
- 10) PLUG #1 (PC TOP @ 2,026'; PC top perf @ 2,034')
  - a. Pump a 225' cement balanced plug from 1,801'- 2,026' with 8 SXS, 2 BBLS of Type III, 1.37 yld, 14.8# cement inside the 3-1/2" csg.
- 11) TOOH with tbg.
- 12) RU E-line and perf 3-1/2" & 5-1/2" csgs at 1,647'. Verify injection into perforations.
- 13) MU 3.5" CICR on E-line and set CICR at 1,597'.
- 14) RIH with 1.66" WS and sting into CICR.
- 15) PLUG #2 (FRC TOP @ 1,597')
  - a. Pump a 150' cement plug from 1,497'- 1,647' with 44 SXS, 10.8 BBLS of Type III, 1.37 yld, 14.8# cement inside the 3-1/2" csg and outside of 5-1/2" csg.
- 16) TOOH with tbg.
- 17) RU E-line and perf 3-1/2" & 5-1/2" csgs at 1,270'. Verify injection into perforations.
- 18) MU 3.5" CICR on E-line and set CICR at 1,220'.
- 19) RIH with 1.66" WS and sting into CICR.
- 20) PLUG #3 (OJO TOP @ 1,062', KIRTLAND TOP @ 1,220')
  - a. Pump a 308' cement plug from 962'- 1,270' with 90 SXS, 22 BBLS of Type III, 1.37 yld, 14.8# cement inside the 3-1/2" csg and outside the 5-1/2" csg.
- 21) TOOH with tbg.
- 22) RU E-line and perf 3-1/2" & 5-1/2" csgs at 151'. Attempt circulation rate with perfs to surface.
- 23) PLUG #3 (CSG SHOE @ 101')
  - a. Circulate a 146' cement plug from Surface-151' with 36 SXS, 8.8 BBLS of Type III, 1.37 yld, 14.8# cement inside the 3-1/2" csg and 9-5/8" x 5-1/2" csg annulus.
- 24) N/D BOPE.
- 25) Cut off wellhead.

## Hilcorp Energy Company

### Proposed P&A Procedure

- 26) Check marker joint for correct well information and weld on P&A well marker.
- 27) Top off all casing strings and whd cellar with 12+/- sx of cement.
- 28) RD and release rig.

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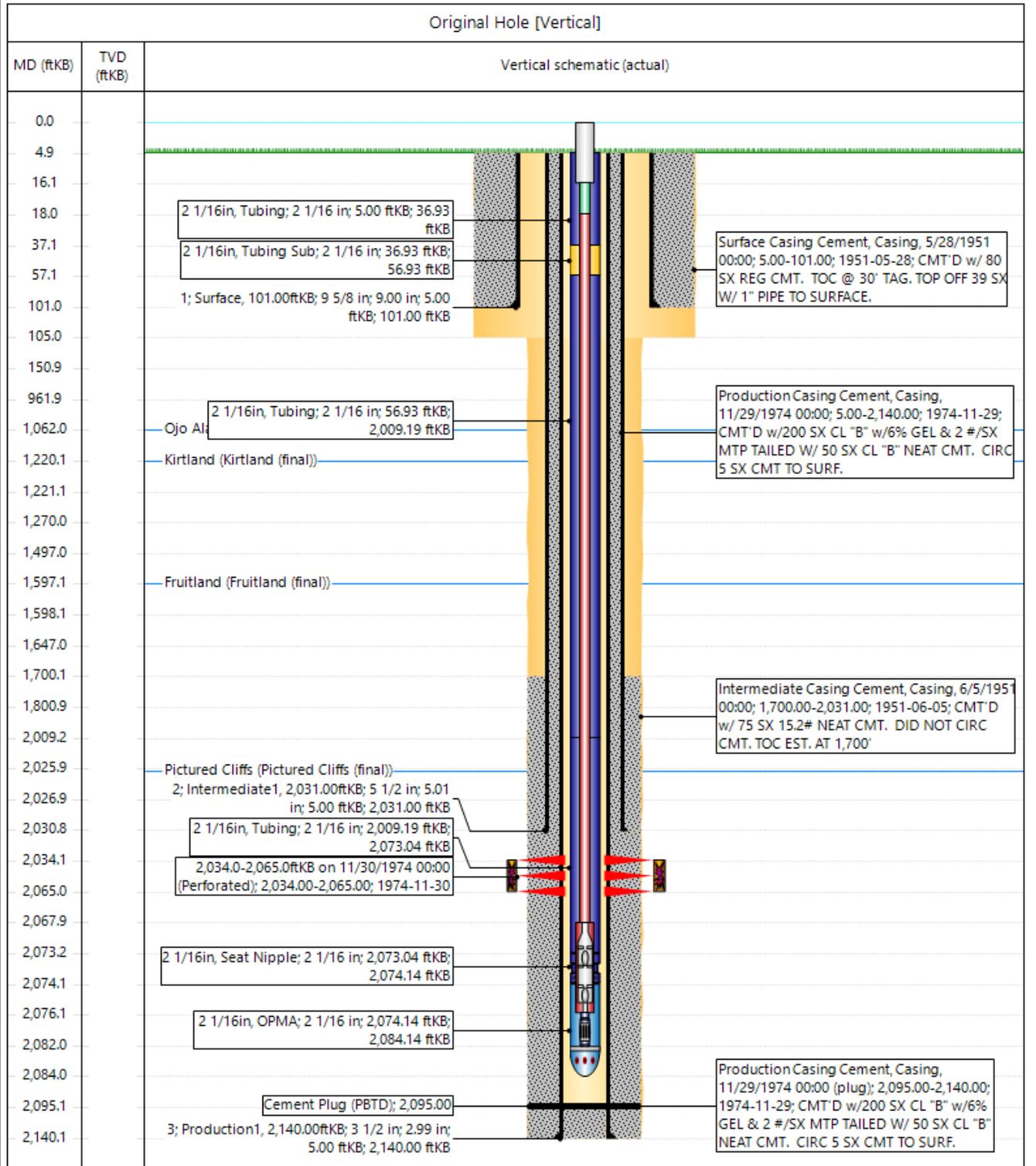
## Proposed P&A Procedure



### Current Schematic - Completion Comments

**Well Name:** JC GORDON B #1

API / UWI 3004506426	Surface Legal Location T27N-R10W-S24	Field Name Fulcher Kutz PC	Route 0808	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 6,156.00	Original KBRT Elevation (ft) 6,161.00	KB-Ground Distance (ft) 5.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



# Hilcorp Energy Company

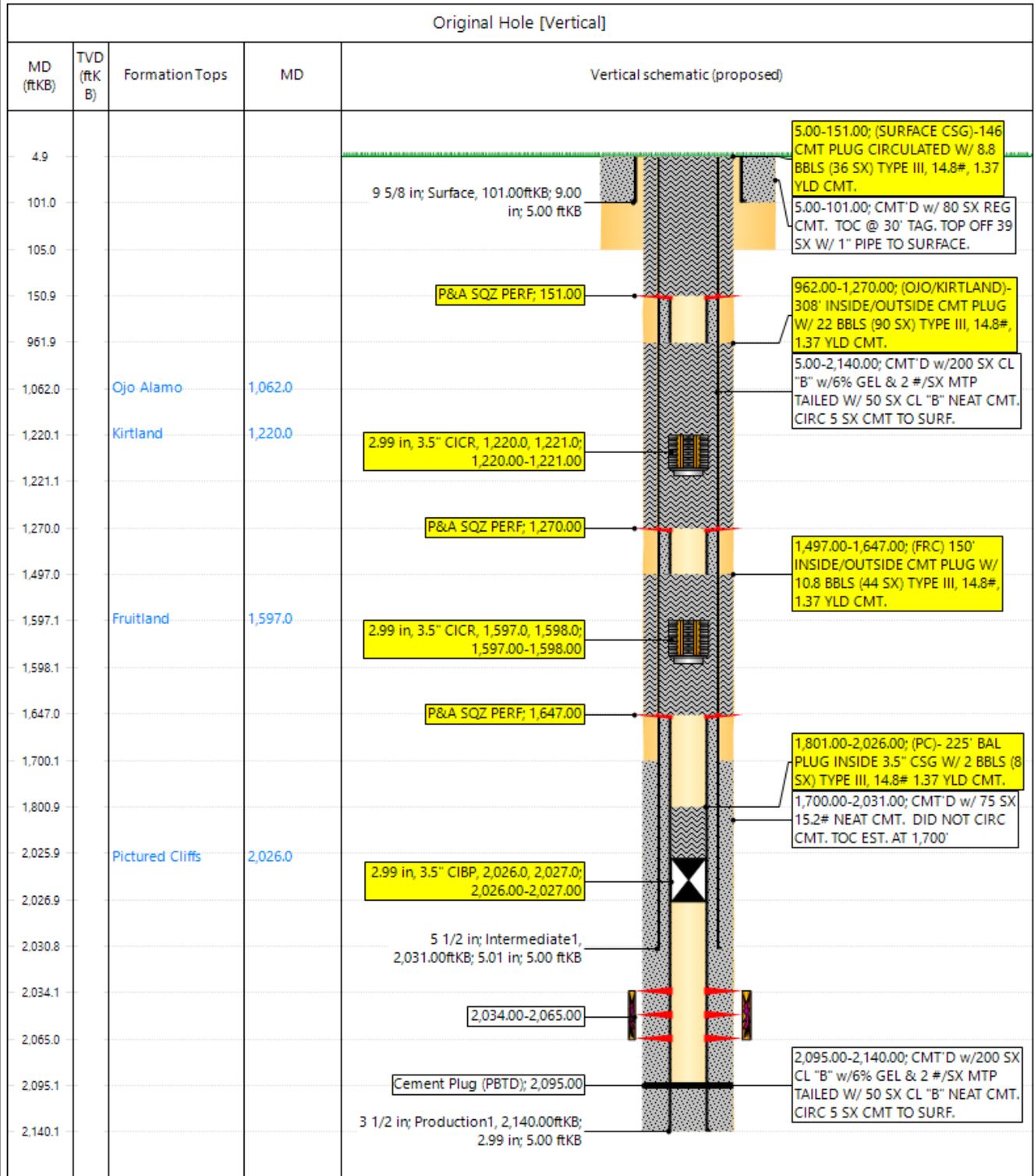
## Proposed P&A Procedure



### P&A Proposed Schematic

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Hilcorp Energy  
P&A Final Reclamation Plan  
JC Gordon B 1  
API: 30-045-06426  
T27N-R10W-Sec. 24-Unit C  
LAT: 36.565146 LONG: -107.849802 NAD 27  
Footage: 990' FNL & 1650' 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 July 25, 2023.

2. LOCATION RECLAMATION PROCEDURE

1. Reclamation work will begin in summer.
2. Removal of all equipment, anchors, flowlines, cathodic, and pipelines.
3. All trash and debris will be removed within a 50' buffer outside of the location disturbance during reclamation.
4. BGT will be pulled and samples will be taken to the lab for testing.
5. BGT pit will be backfilled once we have clean samples and permission to close.
6. Rip compacted soil and walk down disturbed portion of well pad.
7. Leave the diversion above cut on the Northeast side in place.
8. Pull Western edge towards Southeastern edge and install silt traps as needed
9. Add a large shallow silt trap at the entrance where the meter run is currently.
10. Remove all gravel from berms, pads, and meter run and use on main road.
11. Enterprise meter run and riser to be removed.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. The well access road will be closed and a large shallow silt trap will be installed.

4. SEEDING PROCEDURE

1. A BLM Pinion/Juniper seed mix will be used for all reclaimed and disturbed areas.
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. Timing of the seeding will be when the ground is not frozen or saturated.

5. WEED MANAGEMENT

1. No noxious weeds were identified during this onsite.

**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<sub>2</sub>S.

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.

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

AFMSS 2 Sundry ID 2742883

Conditions of Approval to Notice of Intention to Plug and Abandon

Well: J C Gordon B #001 (API#30-045-06426)

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 within one year from the approval date of the Notice of Intent to Plug and Abandon. If unable to meet 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.

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

M. Kade (mkade@blm.gov/505-564-7736) 7/26/2023

## BLM FFO Fluid Minerals P&A Geologic Report

AFMSS ID: 2742883

Date Completed: 7/27/2023

Well No.	J C Gordon B #001	SHL	990	FNL	1650	FWL
API No.	3004506426		NENW	Sec. 24	T27N	R10W
Lease No.	NMSF 077952	BHL	Same			
Operator	Hilcorp Energy Company					
Elev. (KB)	6161	County	San Juan		State	NM
Total Depth	2140	PBTD	2095		Formation	Pictured Cliffs

Formation Top	MD (ft KB)	Remarks
San Jose Fm.		
Nacimiento Fm.	Surface	Surface/freshwater sands
Ojo Alamo Ss	1062	Aquifer (possible freshwater)
Kirtland Fm.	1220	Possible gas/water
Fruitland Fm.	1597	Coal/gas/water
Pictured Cliffs Ss	2026	Gas/water
Lewis Shale		
Chacara		
Cliff House Ss		
Menefee Fm.		
Point Lookout Fm.		
Mancos Shale		
Gallup		
Greenhorn Ls		
Graneros Shale		
Dakota Ss		
Morrison Fm.		

Remarks:

Reference Well:

- Pictured Cliffs perms 2034' - 2065'.	<b>1) Formation Tops</b> Same
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Prepared by: Chris Wenman

**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 245086

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 245086
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD 7/31/23. BLM approved P&A 7/27/23	7/31/2023