

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

Well Name: ROPCO FEDERAL FC 5	Well Location: T29N / R12W / SEC 5 / NESW / 36.754227 / -108.1241	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMNM021118	Unit or CA Name: ROPCO FEDERAL FC 5	Unit or CA Number: NMNM91197
US Well Number: 3004528866	Well Status: Gas Well Shut In	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2705057

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/30/2022

Time Sundry Submitted: 07:58

Date proposed operation will begin: 12/05/2022

Procedure Description: Hilcorp Energy Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematics. A closed loop system will be used. A pre-disturbance site visit was not conducted as surface is Fee. This NOI is being filed as a backup in the event the TA is unsuccessful.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Ropco_Federal_FC_5_2_NOI_P_A_Procedure_20221130075703.pdf

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FC 5

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Operator: HILCORP ENERGY
COMPANY

Conditions of Approval

Additional

29N12W05KKpc_Ropco_Federal_FC_5_002_20221202141957.pdf

Authorized

General_Requirement_PxA_20221205092647.pdf

2705057_NOIA_5_2_3004528866_KR_12052022_20221205092634.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: NOV 30, 2022 07:58 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: 12/05/2022

Signature: Kenneth Rennick

Hilcorp Energy Company P&A Procedure NOI

Well: Ropco Federal FC 5 #2

API: 300-45-28866

Hold PJSM prior to beginning all operations. Verify cathodic protection is off and wellhead instrumentation is properly disconnected from the wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. Verify there is no H2S present prior to beginning operations.

Observe and record pressures across all string daily, prior to beginning operations.
Remember to notify BLM & NMOCD 24 hours prior to starting operations on location.

WELLBORE

2-3/8" TUBING, 1.995 ID, CAP/FT: 0.00386 BBL/FT (INSTALL 11/2012)

4.5" CSG, 4.05" ID, 10.5#, CAP/FT: 0.0159

7" SURFACE CSG 6.37" ID, 23#, ANNULUR CAP/FT 0.0198 BBL/FT

CEMENT

CLASS G, YIELD: 1.15, MIX WATER: 5.00 PER SXS

ESTIMATED SXS FOR TOTAL: 81 SXS

ESTIMATED WATER FOR CMT: 405 GAL

WATER TO LOAD WELL: 4.5" CSG 26.7 BBLS

NOTES:

WELL IS NEAR RESIDENTIAL AREA ON FEE SURFACE.

T/A ATTEMPTED IN 7/22. RODS WERE PULLED AND FOUND TBG TO BE STUCK. STRETCH CALC AT 1600' STUCK. RIGGED DOWN.

P&A PROCEDURE:

1. PUMP 150 GAL OF 15% HCL DOWN CASING; LET SIT FOR 24+ HRS.
2. MOVE ONTO LOCATION, CHECK ALL CSG PRESSURES & RECORD IN WELL VIEW, BLOW DOWN WELL AS NEEDED.
3. R/U & N/D WELL HEAD
4. N/U BOPE FUNCTION & TEST

Hilcorp Energy Company P&A Procedure NOI

5. ATTEMPT TO FREE TBG. POH W/ 2-3/8" TUBING LAYING DOWN (NO TBG SCAN).
 - a. 53 JTS AT 1,757'
 - b. IF UNABLE TO RELEASE TBG, RU E-LINE. MU JET CUT/CHEMICAL CUTTER AND RIH. CUT TBG AT +/-1,630'.
6. P/U 3.875" BIT & SCRAPER RIH TO 1,630'.
 - a. 4.5" 10.5# CSG- 4.05" ID
7. POH W/ SCRAPER RIH W/ 4.05" CICR TO BE SET AT 1,626'.
 - a. TOP PERF @ 1,676'
8. STING OUT CICR, ROLL THE CSG CLEAN AND BALANCED.
9. PRESSURE TEST CASING TO 550 PSI FOR 30 MINS.
10. PUMP **PLUG #1 (TOP PERF @ 1,626', PC TOP @ 1,724', FRC TOP @ 1,670')**
 - a. INJECT INTO CICR WITH 4.9 BBLS, 24 SXS OF CLASS G, 1.15 YLD CMT.
 - b. STING OUT OF CICR AND PUMP A 150' PLUG FROM 1,476' TO 1,626' INSIDE 4-1/2" CSG, 2.5 BBLS, 12 SXS OF CLASS G, 1.15 YLD CMT.
11. PUMP **PLUG #2 (KIRTLAND TOP @ 343', CASING SHOE @ 120')**
 - a. PLUG TO COVER 423' FROM 0' TO 423' INSIDE 4-1/2" CSG, 6.8 BBLS, 33 SXS OF CLASS G, 1.15 YLD CMT.
12. N/D BOPE
13. CUT OFF WELLHEAD
14. CHECK MARKER JOINT FOR CORRECT WELL INFORMATION
15. WELD ON MARKER & TOP OFF SURFACE CASING & CELLAR WITH CEMENT
 - a. TOP OFF WITH +/-15 SX OF CLASS G, 1.15 YLD CMT.
16. RIG & RELEASE

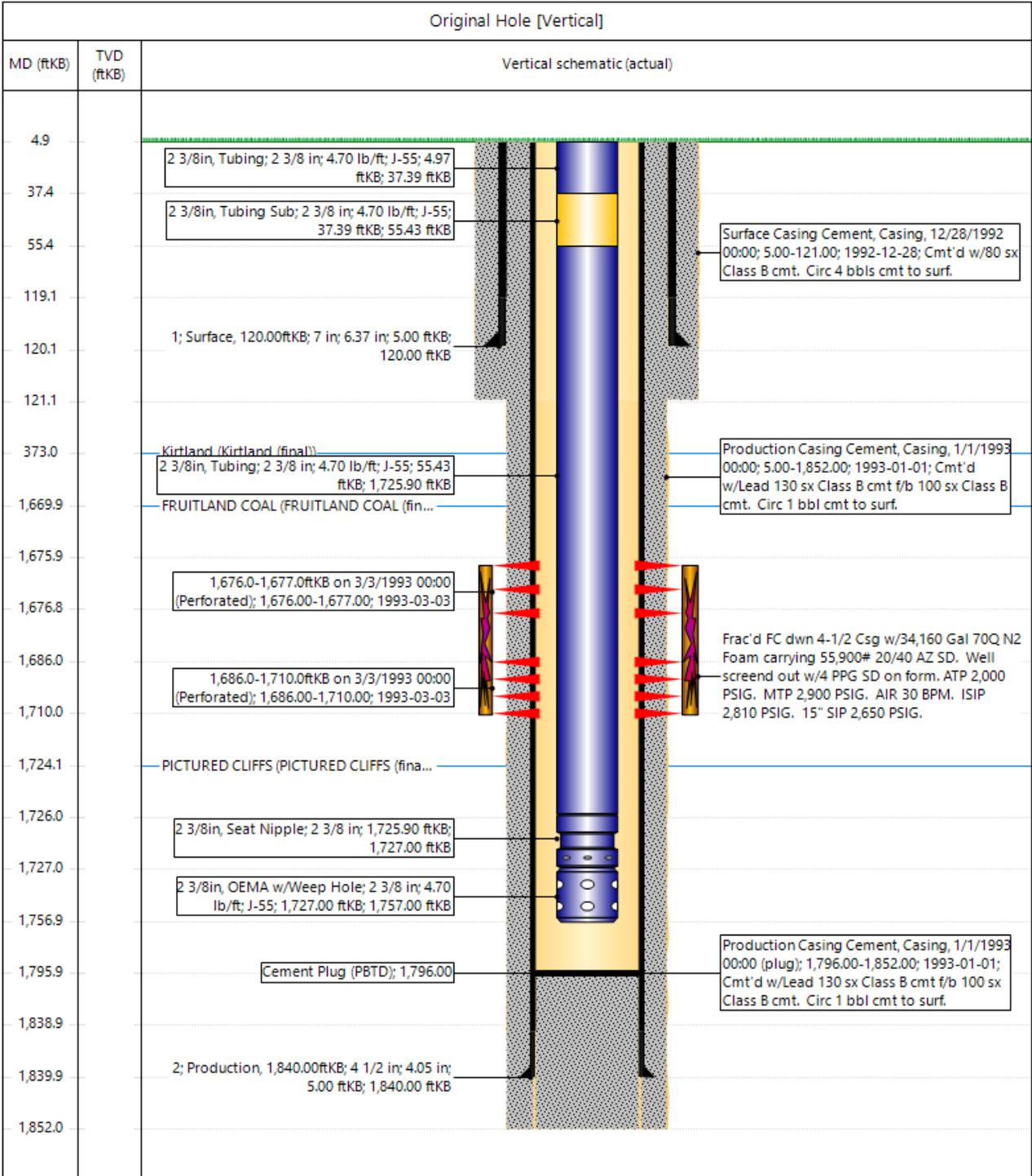
Hilcorp Energy Company P&A Procedure NOI



Current Schematic - Completion Comments

Well Name: ROPCO FEDERAL FC 5 #2

API / UWI 3004528866	Surface Legal Location T29N-R12W-S05	Field Name Basin Fruitland Coal	Route 0210	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 5,682.00	Original KBRT Elevation (ft) 5,687.00	KB-Ground Distance (ft) 5.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	



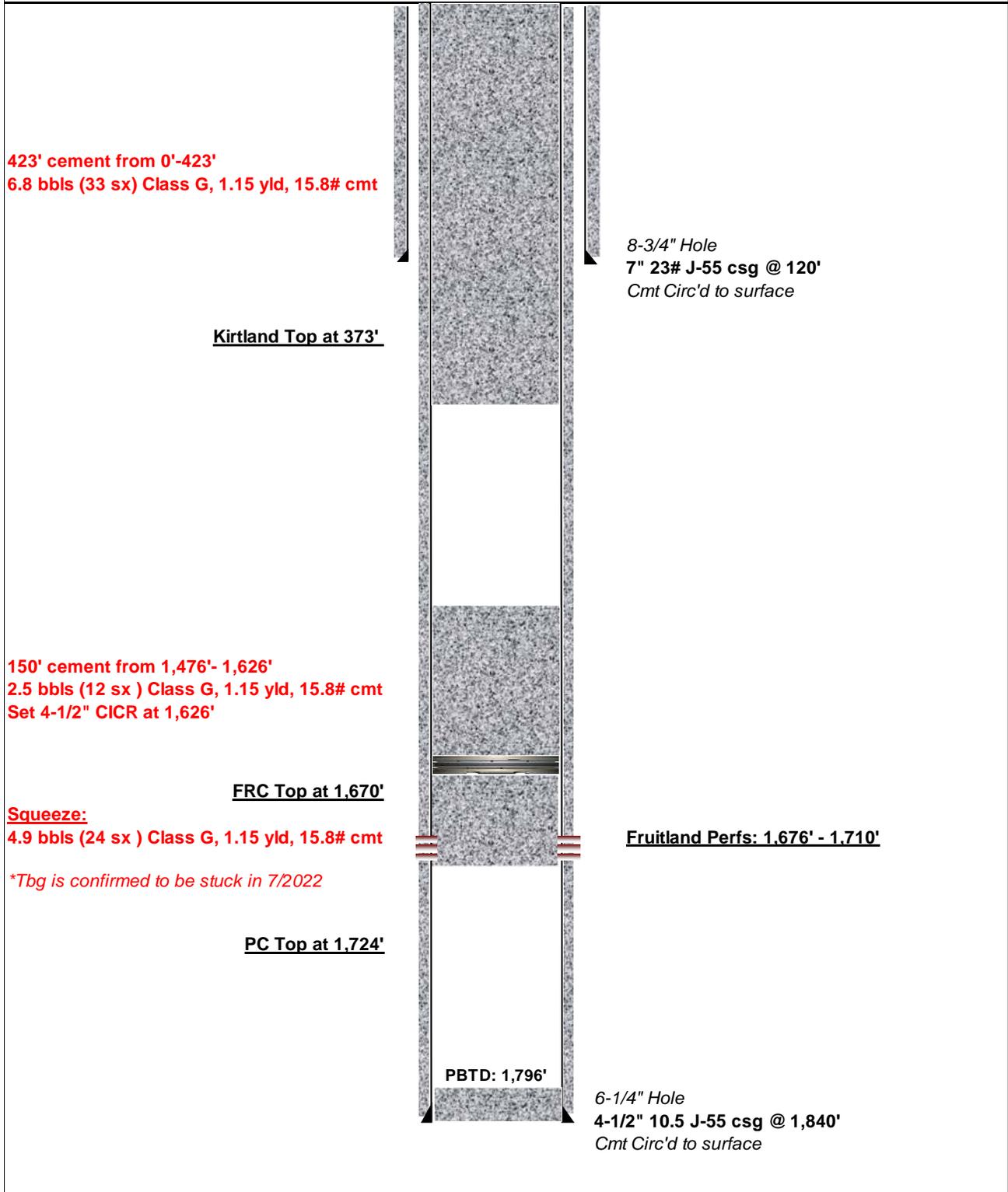
Hilcorp Energy Company

P&A Procedure NOI



Hilcorp Energy Company

Wellbore Schematic - PROPOSED



WELL NAME/NUMBER Ropco Fed FC 5 2	DESCRIPTION Proposed P&A WBD	Ground Elevation: RKB-THF: 5' CFH:
FIELD/LEASE/AREA San Juan Basin	PREPARED BY M. Wissing	APPROVED/DATE 11/29/2022
		API # 30-045-28866

**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.

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

AFMSS 2 Sundry ID 2705057

Attachment to notice of Intention to Abandon

Well: Ropco Federal FC 5 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 12/5/2022

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

Date Completed: 12/02/2022

Well No. Ropco Federal FC 5 #002 (API# 30-045-28866	Location	2015	FSL	&	1765	FWL
Lease No. NMNM021118	Sec. 05	T29N			R12W	
Operator Hilcorp Energy Company	County	San Juan		State	New Mexico	
Total Depth 1840'	PBTD 1796'	Formation Fruitland Coal				
Elevation (GL)		Elevation (KB) 5687'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose					
Nacimiento			Surface	bsc	Surface/freshwater sands
Ojo Alamo Ss			Behind surface casing	373	Aquifer (possible freshwater)
Kirtland Shale			373	1670	Possible Gas
Fruitland			1670	1724	Coal/Gas/Water
Pictured Cliffs Ss			1724	PBTD	Gas
Lewis Shale					
Chacra					
Cliff House Ss					
Menefee					
Point Lookout Ss					
Mancos Shale					
Gallup					
Greenhorn					
Graneros Shale					
Dakota Ss					
Morrison					

Remarks:

P & A

- Fruitland perms 1676' – 1710'.

Reference Well:

1) **Formation Tops**
Same

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 163708

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 163708
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	12/9/2022
kpickford	Adhere to BLM approved COAs and plugs. See BLM COAs and GEO report.	12/9/2022