

Well Name: P O PIPKIN	Well Location: T27N / R10W / SEC 17 / NESW / 36.57335 / -107.92114	County or Parish/State: SAN JUAN / NM
Well Number: 4	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077875	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004506499	Well Status: Gas Well Shut In	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2671287

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/11/2022	Time Sundry Submitted: 10:41
Date proposed operation will begin: 05/23/2022	

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 5/10/2022 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

- Pipkin_PO_4_PA_Procedure_for_NOI_20220511104059.pdf
- P_O_Pipkin_4_Reclamation_Plan_20220511104058.pdf

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Conditions of Approval

Additional

General_Requirement_PxA_20220511161507.pdf
2671287_NOIA_4_3004506499_KR_05112022_20220511161439.pdf
27N10W17KKd_P_O_Pipkin_4_20220511140351.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: KANDIS ROLAND	Signed on: MAY 11, 2022 10:41 AM
Name: HILCORP ENERGY COMPANY	
Title: Operation Regulatory Tech	
Street Address: 382 Road 3100	
City: Farmington	State: NM
Phone: (505) 599-3400	
Email address: kroland@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: 05/11/2022
Signature: Kenneth Rennick	



P&A Procedure

General Information			
Well Name	P O Pipkin #4	Date:	5/9/2022
API:	30-045-06499	AFE #	
Field:	San Juan	County	Rio Arriba
Status:	Well is ACOI		
Subject:	Permanently P&A wellbore		
By:	M. Wissing		

Well Data

Surface Casing: 8-5/8" 24# J-55 at 335'

Production Casing: 4-1/2" K-55 10.5# at 6,564'

Current Perforations: 6,329'-6,506'

Current PBTD: 6,260' (30' bailed cmt + CIBP)

SICP = 0 psig; SIBP: 0 psi (since 2018 w/ HEC)

Hold PJSM prior to begin all operations. Properly document all operations via the JSA process. Ensure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines. 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. If any H₂S is present, take the necessary actions to ensure that the location is safe prior to beginning operations. Observe and record pressures across all strings daily, prior to beginning operations. All cement volumes and depths include a 50' volume of excess of cement.

Remember to notify NMOCD & BLM 24 hours prior to starting operations on location. This procedure is contingent upon P&A sundry approval by the NMOCD & BLM.

P&A Rig Procedure: PO Pipkin #4

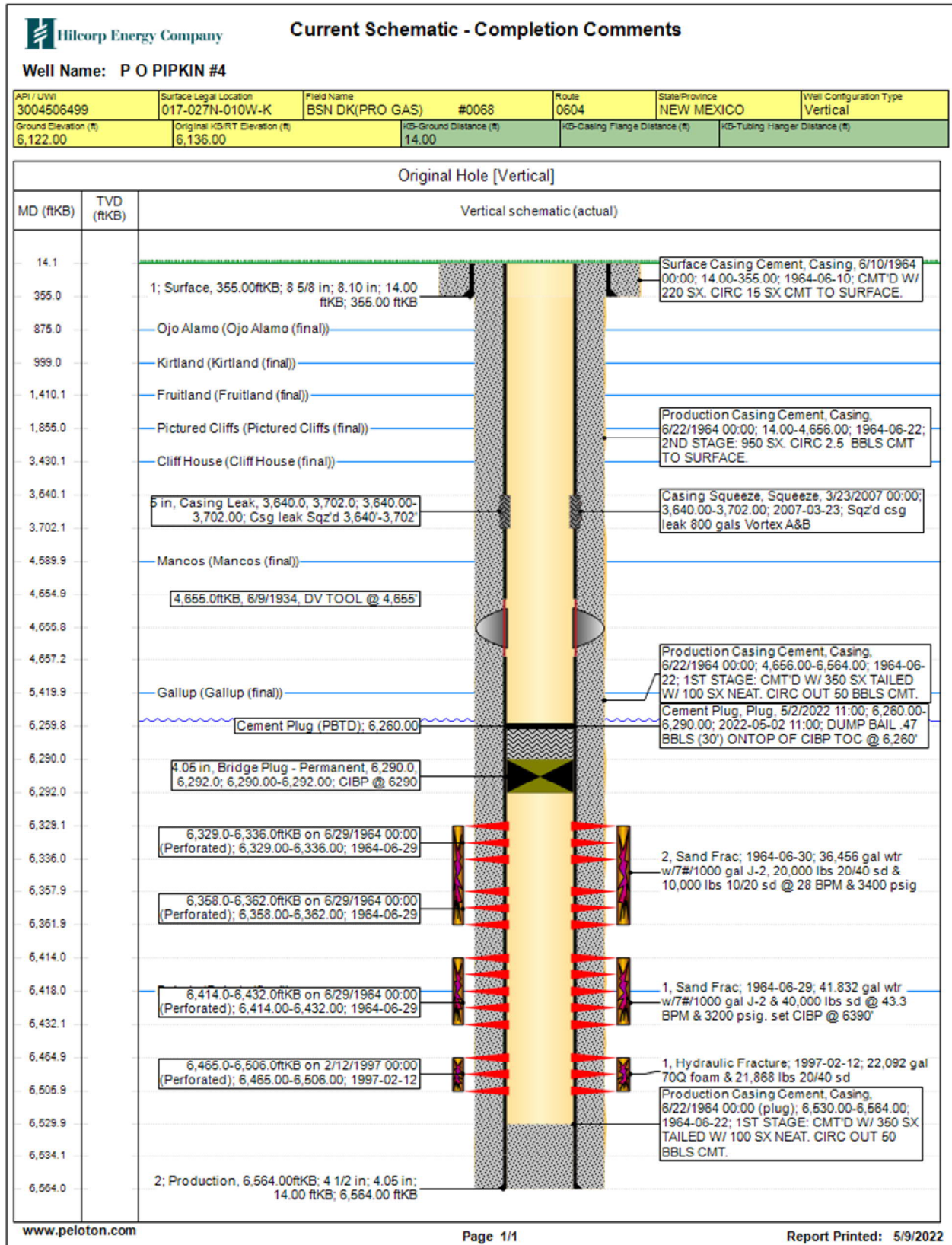
Note: T&A attempted in May 2022 with E-line, wellbore did not pass a pressure test.

Note: Casing leak found in 2007 from 3,640'-3,702'.

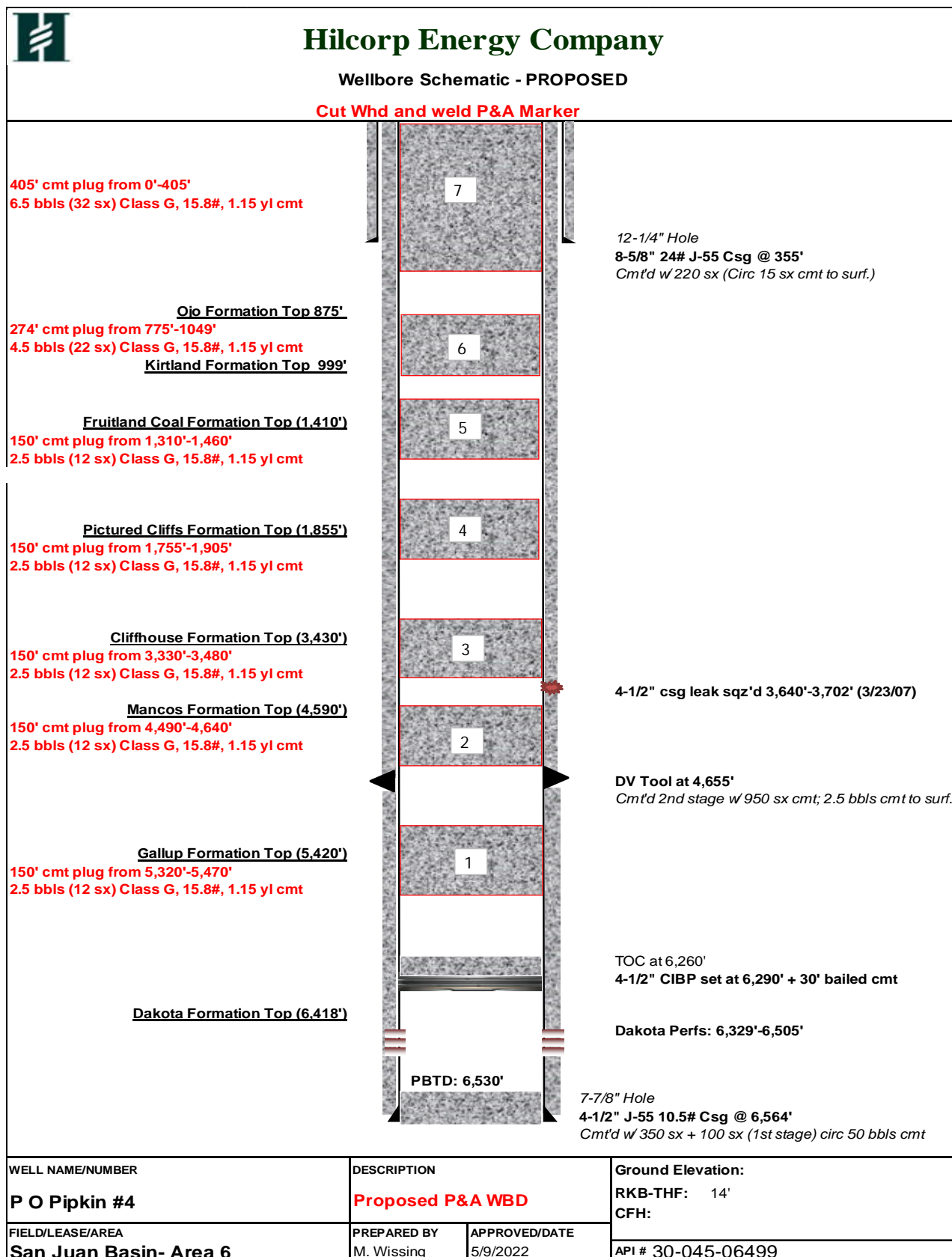
1. MIRU P&A rig and equipment. Record pressures on all strings daily.
2. RU E-line and MU CBL tool. Top off wellbore as needed with water. RIH and log well from 6,260' to surface. Review CBL results with OCD and BLM before starting any P&A cement work.
3. ND wellhead and NU 5k BOP. Pressure test BOP.
4. RIH with 2-3/8" work string to 5,470'.
5. **Plug #1 (Gallup formation top at 5,420')**: RU cementers and pump a 150' balanced cmt plug inside the 5-1/2" csg from 5,320'-5,470', using 2.5 bbls (12 sx) of 15.8+ ppg Class G cmt.
6. WOC and tag TOC.
 - a. We will stop a plug's WOC and tagging TOC once the wellbore passes a pressure test.
7. **Plug #2 (Mancos Formation Top at 4,590')**: RU cementers and pump a 150' balanced cmt plug inside the 5-1/2" csg from 4,490'-4,640', using 2.5 bbls (12 sx) of 15.8+ ppg Class G cmt.
8. WOC and tag TOC if needed.
9. **Plug #3 (Mesa Verde formation top at 3,430')**: RU cementers and pump a 150' balanced cmt plug inside the 5-1/2" csg from 3,330' - 3,480' using 2.5 bbls (12 sx) of 15.8+ ppg Class G cmt.
10. WOC and tag TOC if needed.
11. **Plug #4 (PC top at 1,855')**: RU cementers and pump a 150' cement plug inside the 5-1/2" csg from 1,755'-1,905', using 2.5 bbls (12 sx) of 15.8+ ppg Class G cmt.
12. WOC and tag TOC if needed.
13. **Plug #5 (FRC top at 1,410')**: RU cementers and pump a 150' cement plug inside the 5-1/2" csg from 1,310'-1,460', using 2.5 bbls (12 sx) of 15.8+ ppg Class G cmt.

14. **Plug #6 (Ojo top at 875', Kirtland top at 999')**: RU cementers and pump a 274' cement plug inside the 5-1/2" csg from 775'-1,049', using 4.5 bbls (22 sx) of 15.8+ ppg Class G cmt.
15. **Plug #7 (Surface casing shoe at 355')**: RU cementers and pump a 405' cmt plug inside 5-1/2" csg from 0' – 405', using 6.5 bbls (32 sx) of 15.8+ ppg Class G cmt.
16. Verify all pressures on all strings are at 0 psi.
17. ND BOP. Tag cmt and top off wellbore as needed. Cutoff wellhead at surface and weld on P&A marker.
18. RDMO P&A rig.

CURRENT WELLBORE SCHEMATIC



PROPOSED WELLBORE SCHEMATIC



Hilcorp Energy
P&A Final Reclamation Plan
P O Pipkin 4
API: 30-045-06499
T27N-R10W-Sec. 17-Unit K
LAT: 36.573236 LONG: -107.92124 NAD 27
Footage: 1900' FSL & 1770' FWL
San Juan County, NM

1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera from the BLM and Eufracio Trujillo, Hilcorp Energy SJ South Construction Foreman on May 9, 2022.

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. Close out BGT on location when results permit.
5. Rip compacted soil and walk down disturbed portion of well pad.
6. Reseed location after ripping entire pad.
7. Remove all gravel from berms, pads, and meter run and use on lease road where needed.
8. Hilcorp Energy meter run will be removed out of their ROW. Remove riser if possible.
9. Hilcorp Energy to remove pipeline.

3. ACCESS ROAD RECLAMATION PROCEDURE

1. The well access road will be blocked at the southern edge off main lease road with a berm and ditch.

4. SEEDING PROCEDURE

1. A Pinon/Juniper seed mix will be used for all reclaimed and disturbed areas of the well pad and lease road.
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 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.

(October 2012 Revision)

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

AFMSS 2 Sundry ID 2671287

Attachment to notice of Intention to Abandon

Well: P O Pipkin 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. The following modifications to your plugging program are to be made:
 - a) Add a plug to cover the Chacra formation top at 2800'.
 - b) Bring the bottom of Plug #4 (Pictured Cliffs) down to 1935' to cover BLM formation top pick.
 - c) Bring the bottom of Plug #7 (Surface Casing Shoe) down to 415'. Surface Casing Shoe depth appears to be at 365' instead of 355'.
3. 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 5/11/2022

BLM FLUID MINERALS P&A Geologic Report

Date Completed: 05/11/2022

Well No. P O Pipkin #4 (API# 30-045-06499)	Location	1900	FSL	&	1770	FWL
Lease No. NMSF-077875	Sec. 17	T27N			R10W	
Operator Hilcorp Energy Company	County	San Juan		State	New Mexico	
Total Depth 6564'	PBTD 6260'	Formation Dakota				
Elevation (GL) 6122'		Elevation (KB) 6136'				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					
Nacimiento Fm			Surface	875	Surface/possible freshwater sands
Ojo Alamo Ss			875	999	Aquifer (possible freshwater)
Kirtland Shale			999	1410	
Fruitland Fm			1410	1885	Coal/Gas/Water
Pictured Cliffs Ss			1885	1980	Gas
Lewis Shale			1980	2800	
Chacra			2800	3430	Possible Gas
Cliff House Ss			3430	3520	Water/Possible gas
Menefee Fm			3520	4280	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4280	4590	Probable water/Possible O&G
Mancos Shale			4590	5420	Probable O&G
Gallup			5420	6237	O&G/Water
Greenhorn			6237	PBTD	
Graneros Shale					
Dakota Ss					O&G/Water
Morrison Formation					

Remarks:

P & A

- BLM pick for the Pictured Cliffs formation top varies from Operator.
- Add a plug to cover the Chacra formation top at 2800'.
- Bring the bottom of Plug #4 (Pictured Cliffs) down to 1935' to cover BLM formation top pick.
- The plugs proposed in the P&A procedure, with changes recommended above, will adequately protect any freshwater sands in this well bore.
- Existing CIBP at 6290' (TA).
- Dakota perms 6329' – 6505'.

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 106229

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 106229
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	5/12/2022
kpickford	Adhere to BLM approved COAs and plugs. See GEO report.	5/12/2022