Received by VCD: 0/17/2025 1:37:54 PM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Report 06/17/2025
Well Name: WF FEDERAL 21	Well Location: T30N / R14W / SEC 21 / SWSW / 36.794814 / -108.320664	County or Parish/State: SAN JUAN / NM
Well Number: 1Y	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM25857	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004530031	Operator: HILCORP ENERGY COMPANY	

Notice of Intent

Sundry ID: 2850752

•

Type of Submission: Notice of Intent

Date Sundry Submitted: 05/02/2025

Date proposed operation will begin: 07/01/2025

Type of Action: Plug and Abandonment Time Sundry Submitted: 11:13 0

Procedure Description: Hilcorp Energy Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 05/01/2025 with Roger Herrera / BLM and Chad Perkins (HEC). 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

2025_04_30_WF_FEDERAL_21_1Y_P_A_Procedure_NOI_20250502111241.pdf

Received by OCD: 6/17/2025 1:37:54 PM Well Name: WF FEDERAL 21	Well Location: T30N / R14W / SEC 21 / SWSW / 36.794814 / -108.320664	County or Parish/State: SAN ² of 20 JUAN / NM
Well Number: 1Y	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM25857	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004530031	Operator: HILCORP ENERGY COMPANY	

Conditions of Approval

Additional

2850752_NOI_PnA_WF_Federal_21_1Y_3004530031_MHK_06.17.2025_20250617080643.pdf

General_Requirement_PxA_20250617080559.pdf

WF_Federal_21_No_1Y_Geo_Rpt_20250616161405.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: TAMMY JONES Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5185

Email address: TAJONES@HILCORP.COM

Field

Representative Name:

City:

Phone:

Email address:

Street Address:

State:

Zip:

Signed on: MAY 02, 2025 11:13 AM

BLM Point of Contact

BLM POC Name: MATTHEW H KADE BLM POC Phone: 5055647736

Disposition: Approved

Signature: Matthew Kade

BLM POC Title: Petroleum Engineer

BLM POC Email Address: MKADE@BLM.GOV

Disposition Date: 06/17/2025

Received by OCD: 6/17/2025 1:37:54 PM



HILCORP ENERGY COMPANY WF FEDERAL 21 1Y P&A NOI

API #:

3004530031

JOB PROCEDURES

- 1. Contact NMOCD and BLM (where applicable) 24 hours prior to MIRU.
- 2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
- 3. MIRU service rig and associated equipment; NU and test BOP.
- 4. Well has an existing 4-1/2" CIBP @ +/- 1,016'.
- 5. Load the well as needed. Pressure test the casing above the plug to 560 psig.
- 6. RU Wireline. Run CBL. Record Top of Cement. All subsequent plugs below are subject to change pending CBL results.
- 7. PU & TIH w/ work string to +/- 1,016'.
- PLUG #1: 80sx of Class G Cement (15.8 PPG, 1.15 yield); PC Perfs @ 1,058' | PC Top @ 1,075' | FRD Top @ 395' | Surf. Casing Shoe @ 128': Pump an 80 sack balanced cement plug inside the 4-1/2" casing (est. TOC @ +/- 0' & est. BOC @ +/- 1,016'). Wait on Cement for 4 hours, tag TOC w/ work string.
 *Note cement plug lengths & volumes account for excess.
- 9. ND BOP, cut off Wellhead. Top off cement in surface casing annulus, if needed. Install a P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



Received by OCD: 6/17/2025 1:37:54 PM HILCORP ENERGY COMPANY WF FEDERAL 21 1Y P&A NOI

WF FEDERAL 21 1Y - CURRENT WELLBORE SCHEMATIC

970WI 0045300		T30N-R	al Location 14W-S21	Field Name Harper Hill FS PC	Route 0204	StateProvince New Mexico	Well Configuration Type Vertical
ound Eleva		Original K8 5,570.00	IRT Elevation (ft))	Tubing Hanger Elevation (ft)	RKB to GL (ft) 5.00	KB-Casing Flange Distance (ft)	K5-Tubing Hanger Distance (ft)
				Original Hole, <w< td=""><td>ellboreIDC> [V</td><td>/ertical]</td><td></td></w<>	ellboreIDC> [V	/ertical]	
MD (ftKB)	Formation Tops	MD			Vertical scher	matic (actual)	
49 -			ada keti tiktikadi asledadi	n a chuath dha da dhan dan baha - A c-		Surface Casi	ng Cement, Casing, 6/4/1998
128.0 -			1; Surface,	128.00ftKB; 7 in; 6.46 in; 5.0 ftKB; 128.00 ftK			28.00; 1998-06-04
129.9 -							
395.0 -	FRUITLAND	395	-FRUITLAND	(FRUITLAND (final)) ———			
924.9							Casing Cement, Casing, :00; 5.00-1,250.00; 1998-06-
1,015.1 -							
1,016.1 -				e Plug - Permanent, 1,015.0 1,016.0; 1,015.00-1,016.0		◀	
1,058.1 -				1072ftKB on 11/9/1999 00:0			
1,071.9 -			(Perforated)	; 1,058.00-1,072.00; 1999-11 0			
1,075.1 -	PICTURED	1075	-PICTURED C	UFFS (PICTURED CLIFFS			
1,076.1 -				1086ftKB on 3/17/1999 00:0 ; 1,076.00-1,086.00; 1999-03 1			
1,096.0							
1,146.0				sh, 1,146.0, 1,208.0; 1,146.00 RODED TBG, SEAT NIPPLE & MUD ANCHOF Cement (PBTD); 1,208.0			
1,208.0 -			2; Productio	n, 1,250.00ftKB; 4 1/2 in; 0.0	•		
1,250.0				in; 5.00 ftKB; 1,250.00 ftK	в		



Received by OCD: 6/17/2025 1:37:54 PM HILCORP ENERGY COMPANY WF FEDERAL 21 1Y P&A NOI

WF FEDERAL 21 1Y - PROPOSED WELLBORE SCHEMATIC

Hilcorp Energy Company P&A WBD - Proposed Schematic Well Name: WF FEDERAL 21 #1Y								
97.0WI 004530	0031 vation (#)	Surface La T30N-I	egal Location R14W-S21 BIRT Elevation (ft)	Field Name Harper Hill FS PC Tubing Hanger Elevation (ft)	Route 0204 RKB to GL (ft) 5.00		State Province New Mexico KB-Casing Flange Distance (ft)	Weil Configuration Type Vertical KB-Tubing Hanger Distance (#)
				Original Hole, <w< td=""><td>ellboreIDC> [\</td><td>/ertical]</td><td></td><td></td></w<>	ellboreIDC> [\	/ertical]		
MD ftKB)	Formation Tops	MD			Vertical sche	matic (prop	osed)	
49 -			entel en trebane et tre Billines et bi				Plug, 12/31/202	rfs, PC, FRD, Surf Shoe, 25 00:00; 5:00-1,016:00; ax Class G (1:15 yld)
128.0 -			1; Surface,	128.00ftKB; 7 in; 6.46 in; 5.00 ftKB; 128.00 ftKB	┚		Surface Casing 00:00; 5.00-128.	Cement, Casing, 6/4/1998
129.9 - 895.0 -	FRUITLAND	395						in Compt Carlor
1,015.1			4 in, Bridge	e Plug - Permanent, 1,015.0, 1,016.0; 1,015.00-1,016.00				ing Cement, Casing, 5.00-1,250.00; 1998-06-07
1,016.1								
				072ftKB on 11/9/1999 00:00 1,058.00-1,072.00; 1999-11- 09		18		
1,071.9	PICTURED C	1075						
	rieroneo e							
1,076.1				086ftKB on 3/17/1999 00:00 1,076.00-1,086.00; 1999-03- 17				
1,146.0 -			23/8 - 5	h 11460 10000 144600				
1,208.0				h, 1,146.0, 1,208.0; 1,146.00- ODED TBG, SEAT NIPPLE & MUD ANCHOR. Cement (PBTD); 1,208.00				
1,250.0			2; Production	n, 1,250.00ftKB; 4 1/2 in; 0.00 in; 5.00 ftKB; 1,250.00 ftKB				
	_			Р	age 1/1		1	Report Printed: 4/30/202

Hilcorp Energy P&A Final Reclamation Plan **WF Federal 21 # 1Y** API: 30-045-30031 Lease Number, NMNM25857 Sec.21-T030N-R014W-Unit M Lat: 36.794841, Long: -108.320028 Footage: 885' FSL & 856' FWL San Juan County, NM

1. PRE-RECLAMATION SITE INSPECTION

- 1.1) A pre-reclamation site inspection was completed by Hilcorp Energy and representatives from government agencies on Thursday May 1, 2023:
 - Roger Herrera with the Bureau of Land Management.
 - Chad Perkins with Hilcorp Energy.

2. LOCATION RECLAMATION PROCEDURE

- 2.1) Final reclamation work will be completed after the well is Plugged.
- 2.2) All production equipment, anchors, and flow lines will be striped and removed.
- 2.3) A pipeline strip request will be sent to Hilcorp Energy after the well is plugged.
- 2.4) Hilcorp Energy will be responsible for pipeline removal and or abandonment. If they determine to abandon the pipeline it needs to be abandon 50' from the well pad.
- 2.5) All nonnative aggregate will be scraped up and placed on the main lease access road or buried in toe of the cut prior to re-contouring.
- 2.6) Topsoil will be striped, stockpile, and distribute across the reclamation after contour work is completed.
- 2.7) Push fill from southeastern side of well pad into northwestern cut slope and re-contour with shallow swales and or silt traps for major drainage to create a rolling terrain that matches natural topography drainage features to limit erosion.
- 2.8) Rip compacted soil and walk down all disturbed portion of well pad.
- 2.9) All trash and debris will be removed within 50' buffer outside of the location disturbance during reclamation.

3. ACCESS ROAD RECLAMATION PROCEDURE:

- 3.1) The main lease access road is approximately ~6 tenths of a mile long.
- 3.2) Remove all culverts along lease access road.
- 3.3) Rip and re-contour ~ 6 tenths of a mile of lease access road up to main road with shallow swells, berms, and or silt traps as needed to match natural topography drainage features.
- 3.4) A berm will be installed along the main lease access road entry way as a barricade to prevent traffic on the reclamation.
- 3.5) All trash and debris will be removed within 50' buffer outside of the road disturbance during reclamation.

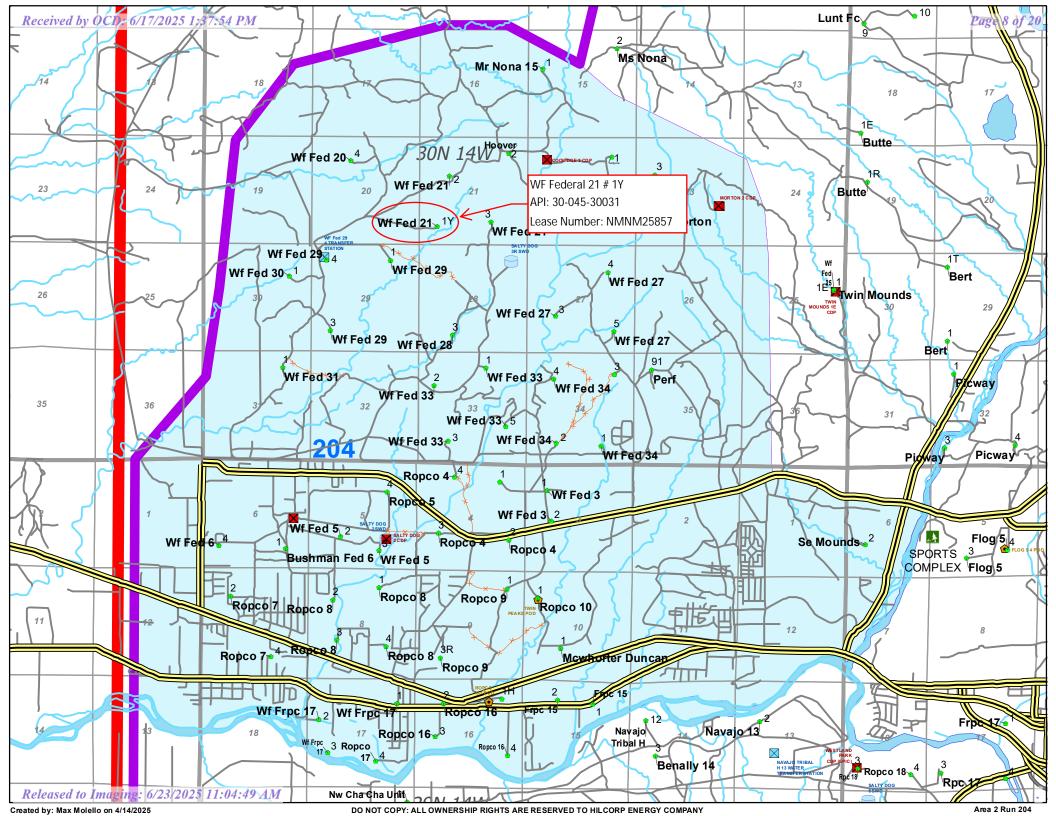
4. SEEDING PROCDURE

- 4.1) A BLM badlands seed mix will be used for all reclaimed and disturbed areas of the well pad.
- 4.2) Drill seeding will be completed 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.

4.3) The timing of the seeding will take place when the ground is not frozen or saturated.

5. WEED MANAGEMENT

5.1) No action is required at this time for weed management, no noxious weeds were identified during the onsite.



WF Federal 21 # 1Y

Well Pad Reclamation

Legend

\$ 36.804692, -108.30811

36.794841, -108.3200

Push fill from southeastern side of well pad into northwestern cut slope and re-contour with shallow swales and or silt traps for major drainage to create a rolling terrain that matches natural topography drainage features to limit erosion.

Chelensed of mussing 623/1025 111

Image © 2025 Airbus

WF Federal 21 # 1Y

Lease Access Road

Legend

1000 f

36.804692, -108.30811

A berm will be installed along the main lease access road entry way as a barricade to prevent traffic on the reclamation.

Rip and re-contour ~ 6 tenths of a mile of lease access road up to main road with shallow swells, berms, and or silt traps as needed to match natural topography drainage features.

CReleased to Chagging 6/32/1025 1110

Irrage © 2025 Airbus

From:	Kade, Matthew H < mkade@blm.gov>
Sent:	Wednesday, April 30, 2025 4:21 PM
То:	Cheryl Weston; Priscilla Shorty
Cc:	Rennick, Kenneth G; Farmington Regulatory Techs; John LaMond; Joe Zimmerman; Jackson Lancaster; Lisa Helper; Jacob Sanchez
Subject:	Re: [EXTERNAL] BLM Farmington Hilcorp Energy - NMNM25857 Written Orders 25MHK0002W et al.

Thank you for the updates regarding the four wells. I will extend the abatement date out until July 1, 2025 to allow for more than enough time to perform the onsites and submit the plugging procedures.

Regards,

Matthew Kade Petroleum Engineer | Bureau of Land Management Farmington Field Office | 6251 College Blvd., Suite A / Farmington, NM 87402 Office: 505-564-7736



From: Cheryl Weston <cweston@hilcorp.com>

Sent: Wednesday, April 30, 2025 4:14 PM

To: Priscilla Shorty <pshorty@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>

Cc: Rennick, Kenneth G <krennick@blm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; John LaMond <jlamond@hilcorp.com>; Joe Zimmerman <Joseph.Zimmerman@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Lisa Helper <Ihelper@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com> Subject: RE: [EXTERNAL] BLM Farmington -- Hilcorp Energy - NMNM25857 Written Orders 25MHK0002W et al.

The onsites are scheduled for tomorrow, 5/1/2025 starting at 8 am for the <u>Hoover and WF Federal locations only</u>. The two Area 6 locations will be next week when Bryan Hall is available. BLM responded very quickly!

Thanks, Cheryl

From: Cheryl Weston Sent: Wednesday, April 30, 2025 4:45 PM To: Priscilla Shorty <pshorty@hilcorp.com>; Kade, Matthew H <mkade@blm.gov> Cc: Rennick, Kenneth G <krennick@blm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; John

Received by OCD: 6/17/2025 1:37:54 PM

LaMond <jlamond@hilcorp.com>; Joe Zimmerman <Joseph.Zimmerman@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Lisa Helper <Ihelper@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com> Subject: RE: [EXTERNAL] BLM Farmington -- Hilcorp Energy - NMNM25857 Written Orders 25MHK0002W et al.

Onsites have been requested with Roger Herrera at BLM.

Thanks, Cheryl

From: Priscilla Shorty <<u>pshorty@hilcorp.com</u>> Sent: Wednesday, April 30, 2025 4:27 PM To: Kade, Matthew H <<u>mkade@blm.gov</u>> Cc: Rennick, Kenneth G <<u>krennick@blm.gov</u>>; Farmington Regulatory Techs <<u>FarmingtonRegulatoryTechs@hilcorp.com</u>>; John LaMond <<u>jlamond@hilcorp.com</u>>; Joe Zimmerman <<u>Joseph.Zimmerman@hilcorp.com</u>>; Jackson Lancaster <<u>Jackson.Lancaster@hilcorp.com</u>>; Lisa Helper <<u>lhelper@hilcorp.com</u>>; Jacob Sanchez <<u>Jacob.Sanchez@hilcorp.com</u>> Subject: RE: [EXTERNAL] BLM Farmington -- Hilcorp Energy - NMNM25857 Written Orders 25MHK0002W et al. Importance: High

Good afternoon Matthew,

Hilcorp Energy has decided to plug and abandon the 4 wells tied to the lease NMNM25857:

Hoover 2: API:3004531220 WF Federal 21-3 (API: 3004530261) WF Federal 21-2 (API 3004530156) WF Federal 21-1Y (API: 3004530031)

We will be submitting the NOI P&As for these wells after BLM onsites are completed. We are in the process of getting these scheduled.

Thank you,

Priscilla Shorty Operations Regulatory Technician Hilcorp Energy Company 505-324-5188 pshorty@hilcorp.com

From: Kade, Matthew H <<u>mkade@blm.gov</u>> Sent: Friday, March 28, 2025 8:00 AM To: Farmington Regulatory Techs <<u>FarmingtonRegulatoryTechs@hilcorp.com</u>> Cc: Rennick, Kenneth G <<u>krennick@blm.gov</u>> Subject: [EXTERNAL] BLM Farmington -- Hilcorp Energy - NMNM25857 Written Orders 25MHK0002W et al.

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Please see attached. A hard copy was sent via certified mail.

Thanks, *Matthew Kade Petroleum Engineer* | Bureau of Land Management Farmington Field Office | 6251 College Blvd., Suite A / Farmington, NM 87402 Office: 505-564-7736



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Farmington Field Office 6251 College Boulevard, Suite A Farmington, New Mexico 87402 http://www.blm.gov/new-mexico



IN REPLY REFER TO: 3107 (LLNMF01110) Written Order 25MHK0002W et al.

March 27, 2025

TO:

Hilcorp Energy Company 1111 Travis St. Houston, TX 77002

Cert. Mail: 9171 9690 0935 0289 8588 18

NOTICE OF ORDERS OF THE BLM AUTHORIZED OFFICER

The Farmington Field Office (FFO) recently conducted a review of the wells operated by Hilcorp Energy Company within Federal Lease NMNM25857. The WF Federal 21 2 (API#30-045-30156), WF Federal 21 1Y (API#30-045-30031), and Hoover 2 (API#30-045-31220) have approved Temporary Abandonment Status under the condition that production in paying quantities continues for the lease. Failure to comply with Conditions of Approval attached to the Temporary Abandonment approval has resulted in a Plug or Produce order for all the wells. Based on production reporting, the WF Federal 21 3 (API#30-045-30261) is the only producing well within the lease and only produces one day every few months and not in paying quantities.

Federal regulations in 43 C.F.R. 3162.3-4 requires the operator to promptly plug and abandon wells that are demonstrated to the satisfaction of the authorized officer to be no longer capable of producing oil or gas in paying quantities. Production in "paying quantities" means actual production or the capability to produce a volume which would exceed operation costs, including government or minimum royalties, overriding royalties, administrative expenses, labor, state taxes, and other routine costs such as workovers and equipment replacement. Producing one well for one or two day every few months, at only a couple MCF a day, does not constitute paying quantities.

The following list of wells within Federal lease NMNM25857 was compiled by using the Bureau of Land Management's (BLM) Automated Fluid Mineral Support System (AFMSS) and the reports submitted by your company to the Office of Natural Resources Revenue (ONRR).

Received by OCD: 6/17/2025 1:37:54 PM

Written Order Number	Well Name & No.	US Well No.	Status	Location	Last Prod.
25MHK0002W	WF Federal 21 2	3004530156	ТА	SENW, Sec 21, T30N, R14W	July 2009
25MHK0003W	WF Federal 21 1Y	3004530031	ТА	SWSW, Sec 21, T30N, R14W	July 2018
25MHK0004W	Hoover 2	3004531220	ТА	NENE, Sec 21, T30N, R14W	June 2017

Corrective Action: Hilcorp Energy Company must complete one of the following options for each of the above wells:

- (a) Return the well to paying production and notify the BLM by a Notification (AFMSS 2, Action Resume Production).
- (b) Submit a sundry notice through AFMSS 2 (Notice of Intent Recompletion) with plans to recomplete the well and return the well to production.
- (c) Submit a sundry notice through AFMSS 2 (Notice of Intent Plug and Abandonment) with (1) an abandonment procedure for preapproval, (2) proposed start date, and (3) a reclamation plan that complies with Onshore Oil and Gas Order No. 2(III) to permanently plug the well and, within 180 days after receiving approval of the plugging procedure, plug and abandon the well.

This information must be submitted by May 1, 2025. In accordance with 43 C.F.R. 316.1(a), you must comply with the corrective actions for the identified well by the abatement date provided above. If you fail to comply within the time frame specified, you will be issued an Incident of Noncompliance (INC) in accordance with 43 C.F.R. 3163.1(a), which may include an assessment or additional enforcement actions as deemed necessary to gain compliance.

WARNING

The Authorized Officer has authority to issue a Written Order in accordance with 43 C.F.R. 3161.2. Written Order correction and reporting time frames begin upon receipt of this Notice or 7 business days after the date it is mailed, whichever is earlier. Each stipulation must be corrected within the prescribed time from receipt of this Notice and reported to the Bureau of Land Management office at the address shown above. If you fail to comply within the time frame specified, you will be subject to further enforcement action as may be deemed necessary in accordance with 43 C.F.R. 3163.1(a) and 43 C.F.R. 3163.2.

Section 109(d)(1) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 C.F.R. 3163.2(f)(1), provides that any person who "knowingly or willfully prepares, maintains or submits false, inaccurate or misleading reports, notices, affidavits, records, data or other written information required by this part" shall be liable for a civil penalty of up to \$25,000 per violation for each day such violation continues, not to exceed a maximum of 20 days.

REVIEW AND APPEAL RIGHTS

Any adversely affected party may request a State Director Review (SDR) of this decision before the State Director either with or without oral presentation. Such a request, including all supporting documentation, shall be filed in writing within 20 business days of receipt of this decision with the New Mexico State Office, State Director, at 301 Dinosaur Trail, Sante Fe, NM 87508 (see 43 C.F.R. 3165.3).

Any party adversely affected by the decision of the State Director after the SDR may appeal that decision to the Interior Board of Land Appeals (IBLA), 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 C.F.R. 3165.4). Should you fail to timely request an SDR, or after receiving the State Director's decision, fail to timely file an appeal with the IBLA, no further administrative review of this decision will be possible.

For questions concerning this matter, please contact Matthew Kade, Petroleum Engineer at the BLM Farmington Field Office, at (505) 564-7736 or <u>mkade@blm.gov</u>.

Sincerely,

Man

David J. Mankiewicz Assistant Field Manager

CC:

Lease File: NMNM 25857

Well Files: WF Federal 21 2, US Well No. 30-045-30156 WF Federal 21 1Y, US Well No. 30-045-30031 Hoover 2, US Well No. 30-045-31220

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 <u>minimum general</u> 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.

Page 1

2

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 <u>date</u> 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.

TVD

BLM - FFO - Geologic Report Date Completed 6/16/2025 Well No. WF Federal 21 No. 1Y Surf. Loc. 885 FSL 856 FWL Lease No. NMNM25857 Sec 21 T30N **R14W** US Well No. 3004530031 Hilcorp Energy Company New Mexico Operator County San Juan State 1250 PBTD 1250 Formation Pictured Cliffs GL 5565 Elevation Est. KB Elevation 5575 **Geologic Formations** Est. tops Subsea Elev. Remarks Kirtland Fm. Surface Fruitland Fm. 395 5180 Coal/gas/possible water 4500 Possible gas/water Pictured Cliffs 1075 Remarks: Reference Wells:

-Vertical wellbore, all formation depths are TVD from KB at the wellhead.

Hilcorp Energy Company Same

Prepared by: Walter Gage



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Farmington District Office 6251 College Boulevard, Suite A Farmington, New Mexico 87402 http://www.blm.gov/nm



CONDITIONS OF APPROVAL

June 17, 2025

Notice of Intent - Plug and Abandonment

Operator:	Hilcorp Energy Company
Lease:	NMNM25857
Well(s):	WF Federal 21 1Y, API # 30-045-30031
Location:	SWSW Sec 21 T30N R14W (San Juan County, NM)
Sundry Notice ID#:	2850752

The Notice of Intent to Plug and Abandon is accepted with the following Conditions of Approval (COA):

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. <u>Notification</u>: Farmington Field Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
- 3. Additional changes to procedure, before or during plugging, should be sent through email to Kenneth Rennick (krennick@blm.gov) and Matthew Kade (mkade@blm.gov) for approval. Verbal approvals may be given and must be followed up with an email documenting the requested changes.
- 4. If a CBL is run, send a copy to Kenneth Rennick (<u>krennick@blm.gov</u>) and Matthew Kade (<u>mkade@blm.gov</u>)
- 5. **Deadline of Completion of Operations:** Complete the plugging operation before June 17, 2026. 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. Any estimated minimum sacks provided in procedure modification include necessary excesses.

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

Matthew Kade (mkade@blm.gov/505-564-7736) / Kenny Rennick (krennick@blm.gov/505-564-7742)

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

OGRID:
372171
Action Number:
475913
Action Type:
[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	6/23/2025
loren.diede	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	6/23/2025

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Action 475913