

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT Sundry Print Report

Well Name: JACK FROST D Well Location: T27N / R10W / SEC 26 / Coun

NWNW / 36.551577 / -107.869659

County or Parish/State: SAN

JUAN / NM

Well Number: 1F

Type of Well: CONVENTIONAL GAS

WELL

Lease Number: NMSF077951 Unit or CA Name:

Allottee or Tribe Name:

Unit or CA Number:

US Well Number: 3004533906 Operator: HILCORP ENERGY

COMPANY

Notice of Intent

Sundry ID: 2833124

Type of Submission: Notice of Intent

Type of Action: Recompletion

Date Sundry Submitted: 01/21/2025

Time Sundry Submitted: 03:17

Date proposed operation will begin: 03/01/2025

Procedure Description: Hilcorp Energy Company requests permission to recomplete the subject well in the Mesaverde formation and TA the existing Dakota formation. Please see the attached procedure, current and proposed wellbore diagram, plat and natural gas management plan. A closed loop system will be used. Hilcorp will contact the FFO Surface group within 90 days after the well has been recompleted, before any interim reclamation work, to conduct the onsite. A reclamation plan will be submitted after the onsite.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Jack_Frost_D_1F_MV_NOI_20250121151614.pdf

Well Name: JACK FROST D County or Parish/State: SAN

Well Location: T27N / R10W / SEC 26 / NWNW / 36.551577 / -107.869659

JUAN / NM

Well Number: 1F Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

Lease Number: NMSF077951 Unit or CA Name: **Unit or CA Number:**

US Well Number: 3004533906 Operator: HILCORP ENERGY

COMPANY

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: CHERYLENE WESTON Signed on: JAN 21, 2025 03:16 PM

Name: HILCORP ENERGY COMPANY Title: Operations/Regulatory Tech - Sr Street Address: 1111 TRAVIS STREET

City: HOUSTON State: TX

Phone: (713) 289-2615

Email address: CWESTON@HILCORP.COM

Field

Representative Name:

Street Address:

State: City: 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: 01/21/2025

Signature: Kenneth Rennick

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

	Expires. October 5
ease Serial No.	NIN 40 F0770 F4

BUKI	NMSF077951				NMSF077951
	IOTICES AND REPO	6. If Indian, Allottee or Tribe	6. If Indian, Allottee or Tribe Name		
	form for proposals i Use Form 3160-3 (A				
SUBMIT IN T	TRIPLICATE - Other instr	ructions on page	2	7. If Unit of CA/Agreement,	Name and/or No.
1. Type of Well				8. Well Name and No.	
Oil Well Gas W	/ell Other			JACK FROST D/1F	
2. Name of Operator HILCORP ENER	RGY COMPANY			9. API Well No. 300453390	6
3a. Address 1111 TRAVIS STREET		3b. Phone No. (713) 209-240	include area code,) 10. Field and Pool or Explora BLANCO MESAVERDE/BASIN M	
4. Location of Well (Footage, Sec., T.,R	M or Survey Description.	1 '		11. Country or Parish, State	
SEC 26/T27N/R10W/NMP				SAN JUAN/NM	
12. CHE	CK THE APPROPRIATE B	OX(ES) TO IND	ICATE NATURE	OF NOTICE, REPORT OR OT	HER DATA
TYPE OF SUBMISSION			TYP	E OF ACTION	
Notice of Intent	Acidize	Deep	en	Production (Start/Resume)	Water Shut-Off
	Alter Casing	Hydra Hydra	ulic Fracturing	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New 9	Construction	Recomplete	Other
	Change Plans	=	and Abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug 1	Back	Water Disposal	
completed. Final Abandonment Not is ready for final inspection.) Hilcorp Energy Company requested Please see the attached procest used. Hilcorp will contact the Foundation the onsite. A reclamate	ests permission to recometure, current and propose GO Surface group within ion plan will be submitted	r all requirements plete the subject ed wellbore dia 90 days after the after the onsite	t well in the Mes gram, plat and na ne well has been	ation, have been completed and caverde formation and TA the atural gas management plan.	A closed loop system will be
14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>) CHERYLENE WESTON / Ph: (713) 289-2615			Operations Title	s/Regulatory Tech - Sr	
Signature (Electronic Submission) Date			01/21/2	2025	
	THE SPACE	FOR FEDE	ERAL OR STA	ATE OFICE USE	
Approved by					
KENNETH G RENNICK / Ph: (505) 564-7742 / Approved		Petro Title	leum Engineer	01/21/2025 Date
Conditions of approval, if any, are attact certify that the applicant holds legal or e which would entitle the applicant to con	equitable title to those rights	RMINGTON			
Title 18 U.S.C Section 1001 and Title 43	3 U.S.C Section 1212, make	e it a crime for an	y person knowingl	y and willfully to make to any d	epartment or agency of the United States

any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



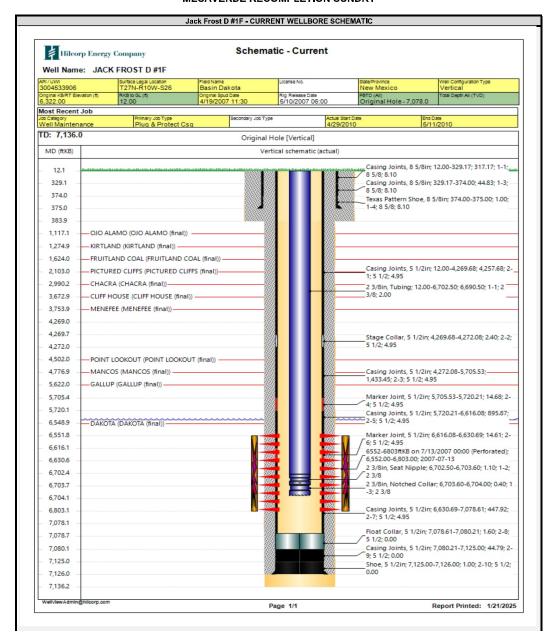
HILCORP ENERGY COMPANY Jack Frost D #1F MESAVERDE RECOMPLETION SUNDRY API 3004533906

JOB PROCEDURES

- 1. MIRU workover rig and associated equipment; NU and test BOP.
- 2. TOOH with tubing.
- 3. Set a plug within 50' of the top Dakota perforation (6,552') for zonal isolation.
- 4. Load hole with fluid. RU WL, Run CBL from CIBP to surface. Review results with operations engineer and regulatory agencies for perforation approval.
- 5. Perform MIT on casing with NMOCD witness (notify NMOCD 24+ hours before test) and submit results to regulatory group.
- 6. If frac'ing down casing: pressure test casing to frac pressure.
- 7. RU WL. Perforate the Mesaverde. Top perforation @ 3,673', bottom perforation @ 4,586'.
- 8. If frac'ing down frac string: RIH w/ frac string and packer.
- 9. ND BOP, NU frac stack, Pressure test frac stack to frac pressure. Pressure test frac string (if applicable) to frac pressure. RDMO.
- 10. RU stimulation crew. Frac the Mesaverde in one or more stages. Set plugs in between stages, if necessary.
- 11. MIRU workover rig and associated equipment; NU and test BOP.
- 12. If frac was performed down frac string: POOH w/ frac string and packer.
- 13. TIH with mill and clean out to isolation plug. TOOH w/ mill.
- 14. TIH and land production tubing. Flowback the well. Return well to production as a Mesaverde Producer.

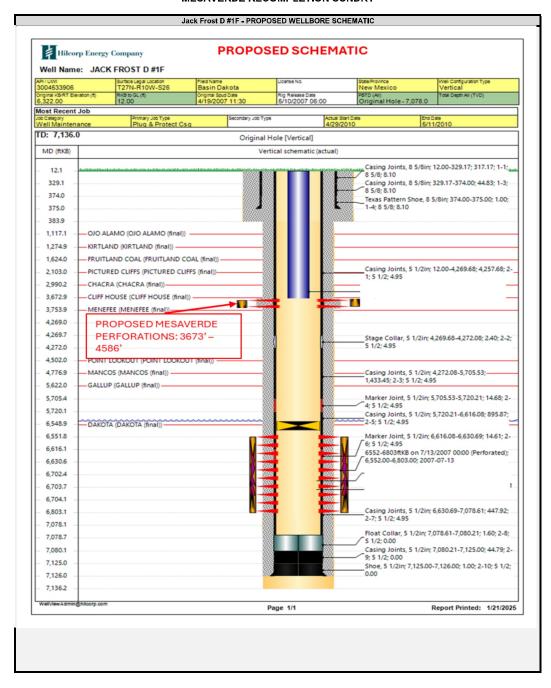


HILCORP ENERGY COMPANY Jack Frost D #1F MESAVERDE RECOMPLETION SUNDRY





HILCORP ENERGY COMPANY Jack Frost D #1F MESAVERDE RECOMPLETION SUNDRY



Phone: (505) 476-3441 Fax: (55) 476-3462

General Information Phone: (505) 629-6116

Online Phone Directory Visit:

nttps://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

	Revised July 3, 2024
	Submit Electronically
	via OCD Permitting
Submittal Type:	☐ Initial Submittal
	☐ Amended Report
	☐ As Drilled

				•	WELL LOCA	TION INFORMATION	ī	•			
API Nu	mber		Pool Code	Pool Code Pool Name							
30-045-			72319			Blanco Mesaverde		<u> </u>			
Propert			Property N					Well Numb	per		
321759			Jack Frost					1F			
OGRID	No.		Operator N						vel Elevation		
372171			Hilcorp En		ny	T		6310'			
Surface	Owner: \square S	State 🗆 Fee 🗆	l Tribal ⊠ Fe	deral		Mineral Owner:	☐ State ☐ Fee ☐ Trib	oal ⊠ Federal			
					Sur	face Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
D	26	027N	010W	Lot	695 N	1270 W	36.551527	-107.869057	San Juan		
D	20	02711	010 W		093 10	1270 W	30.551527	-107.809037	San Juan		
		ı	I	1	Botto	m Hole Location	1		1		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
		1									
1				1		1					
Dedicated Acres Infill or Defining Well Defining Well API		Overlapping Spacing Unit (Y/N) Consolidation Code									
320.00	- W/2	Infill									
Order N	Jumbers.	•	•			Well setbacks are u	Well setbacks are under Common Ownership: □Yes □No				
<u> </u>											
•					Kick	Off Point (KOP)			_		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W Latitude Longitude		County			
1	П		П	1		Take Point (FTP)			_		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
					Last T	 Fake Point (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S			Longitude	County		
OL	Section	Township	Kange	Lot	Tt. Holli IVS	Tt. Hom 15 w	Latitude	Longitude	County		
		1	1		l	1	l .		· ·		
Unitize	d Area or Are	ea of Uniform I	nterest	Spacino	Unit Type □ Ho	rizontal Vertical	Ground Floo	or Elevation			
C IIII II		01		Spacing	, сын турс 🗀 1101	izonai 🗀 verneai	5971'				
1							1				
OPER A	TOR CERT	IFICATIONS				SURVEYOR CERTIF	FICATIONS				
OPERATOR CERTIFICATIONS				1 2 3 IC TE I CIT CERTIFI	SURVEYOR CERTIFICATIONS						

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Cherylene	Weston

Signature

Date

12/17/2024

Cherylene Weston

Printed Name

cweston@hilcorp.com

Email Address

John Vukonich

Signature and Seal of Professional Surveyor

Certificate Number 14831

my belief.

Date of Survey 3/29/2006

I hereby certify that the well location shown on this plat was plotted from field notes of actual

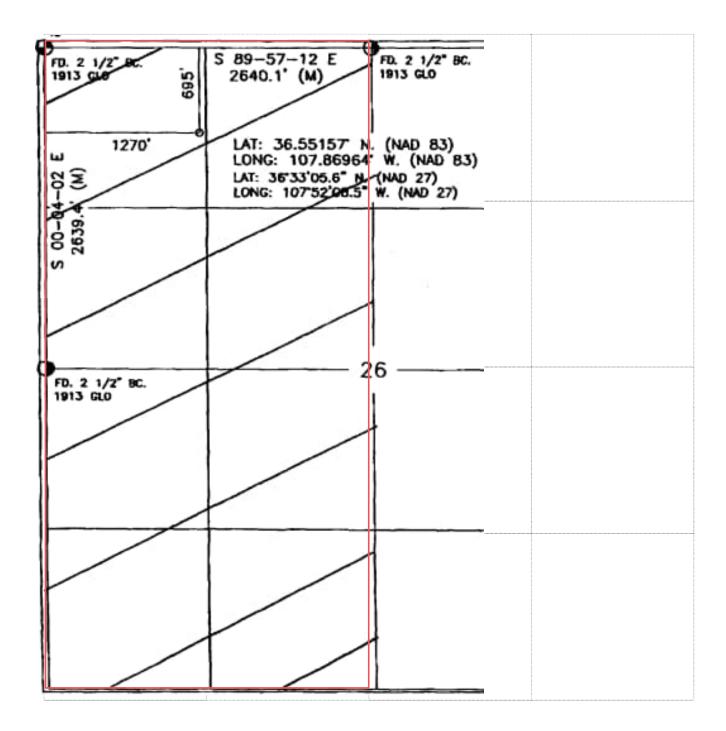
surveys made by me or under my supervision, and that the same is true and correct to the best of

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

Released to Imaging: 2/27/2025 8:44:11 AM

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



State of New Mexico Energy, Minerals and Natural Resources Department

Submit Electronically Via E-permitting

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description <u>Effective May 25, 2021</u>

I. Operator: Hilcorp	Energy Compa	iny	OGRID:	372171	Da	ate:1/	21 /2025
II. Type: 🗵 Original [☐ Amendment	due to □ 19.15.2	7.9.D(6)(a) NMAC	□ 19.15.27.9.D((6)(b) NMAC	□ Other.	
If Other, please describe	e:						
III. Well(s): Provide the be recompleted from a s					wells propose	d to be dr	illed or proposed to
Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipate Gas MCF/		Anticipated Produced Water BBL/D
Jack Frost D 1F	3004533906	D-26-27N-10W	695' FNL, 1270' FW	L 3 bbl/d	150 mcf	/d	3.5 bbl/d
		<u> </u>		L			
V. Anticipated Schedu proposed to be recompl Well Name	lle: Provide the	e following inform		or recompleted w	vell or set of v		osed to be drilled or First Production Date
Jack Frost D 1F	3004533906	-	+ +				<u>2025</u>
Jack 1103t D 21	300433333		+ +				2020
VI. Separation Equips VII. Operational Practice Subsection A through F VIII. Best Manageme during active and plann	etices: Attac F of 19.15.27.8 Int Practices:	ch a complete des NMAC.	scription of the acti	ions Operator wil	I take to com	nply with	the requirements of

Section 2 – Enhanced Plan EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

🗵 Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. \square Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the
production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of
the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natura	1 gas gathering system [□ will □ will no	t have capacity to	gather 10	00% of the antic	ipated natu	ral gas
production volume from the wel	I prior to the date of first	production.					

XIII. Line Pressure. Operator \square does \square does not anticipate that its existing well(s) connected to the same segment, or portion, of th
natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

\neg	Attach Operator's p	.1 +	mus direction		ta tlaa imamaa	1 1
- 1	A Hach Uneraior & n	nan io manage	mountain	in regnange i	io ine increz	icea ime meccure

XIV. Confidentiality: Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information providentiality.	led in
Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific inform	nation
for which confidentiality is asserted and the basis for such assertion.	

(i)

Section 3 - Certifications <u>Effective May 25, 2021</u>

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal: 🗵 Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or □ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. If Operator checks this box, Operator will select one of the following: Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or Venting and Flaring Plan. \Box Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including: power generation on lease; (a) **(b)** power generation for grid; (c) compression on lease; (d) liquids removal on lease; (e) reinjection for underground storage; **(f)** reinjection for temporary storage; reinjection for enhanced oil recovery; **(g)** fuel cell production; and (h)

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

other alternative beneficial uses approved by the division.

- (a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or
- (b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.
- 2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	Cherylene Westen					
Printed Name:	Cherylene Weston					
Title:	Operations/Regulatory Tech-Sr.					
E-mail Address:	cweston@hilcorp.com					
Date:	1/21/2025					
Phone:	713-289-2615					
	OIL CONSERVATION DIVISION					
	(Only applicable when submitted as a standalone form)					
Approved By:						
Title:						
Approval Date:						
Conditions of Approval:						

VI. Separation Equipment:

Hilcorp Energy Company (HEC or Operator) production facilities include separation equipment designed to efficiently separate gas from liquid phases to optimize gas capture based on projected and estimated volumes from the targeted pool of our recomplete project. HEC will utilize flowback separation equipment and production separation equipment designed and built to industry specifications after the recomplete to optimize gas capture and send gas to sales or flare based on analytical composition. HEC operates facilities that are typically one-well facilities. Production separation equipment is upgraded prior to well being completed, if determined to be undersized or inadequate. This equipment is already on-site and tied into our sales gas lines prior to the recomplete operations.

VII. Operational Practices:

- 1. Subsection (A) Venting and Flaring of Natural Gas
 - HEC understands the requirements of NMAC 19.15.27.8 which outlines that the venting and flaring of natural gas during drilling, completion or production operations that constitutes waste as defined in 19.15.2 are prohibited.
- 2. Subsection (B) Venting and Flaring during drilling operations
 - This gas capture plan isn't for a well being drilled.
- 3. Subsection (C) Venting and flaring during completion or recompletion
 - Flowlines will be routed for flowback fluids into a completion or storage tank and if feasible under well conditions, flare rather than vent and commence operation of a separator as soon as it is technically feasible for a separator to function.
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
- 4. Subsection (D) Venting and flaring during production operations
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.
 - Monitor manual liquid unloading for wells on-site or in close proximity (<30 minutes' drive time), take reasonable actions to achieve a stabilized rate and pressure at the earliest practical time, and take reasonable actions to minimize venting to the maximum extent practicable.
 - HEC will not vent or flare except during the approved activities listed in NMAC 19.15.27.8 (D) 1-
- 5. Subsection (E) Performance standards
 - All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
 - If a flare is utilized during production operations it will have a continuous pilot and is located more than 100 feet from any known well or storage tanks.
 - At any point in the well life (completion, production, inactive) an audio, visual and olfactory inspection be performed at prescribed intervals (weekly or monthly) pursuant to Subsection D of 19.15.27.8 NMAC, to confirm that all production equipment is operating properly and there are no leaks or releases.

- 6. Subsection (F) Measurement or estimation of vented and flared natural gas
 - Measurement equipment is installed to measure the volume of natural gas flared from process piping.
 - When measurement isn't practicable, estimation of vented and flared natural gas will be completed as noted in 19.15.27.8 (F) 5-6.

VIII. Best Management Practices:

- 1. Operator has adequate storage and takeaway capacity for wells it chooses to recomplete as the flowlines at the sites are already in place and tied into a gathering system.
- 2. Operator will flare rather than vent vessel blowdown gas when technically feasible during active and/or planned maintenance to equipment on-site.
- 3. Operator combusts natural gas that would otherwise be vented or flared, when technically feasible.
- 4. Operator will shut in wells in the event of a takeaway disruption, emergency situation, or other operations where venting or flaring may occur due to equipment failures.

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

Action 423235

CONDITIONS

Operator:	OGRID:	
HILCORP ENERGY COMPANY	372171	
1111 Travis Street	Action Number:	
Houston, TX 77002	423235	
	Action Type:	
	[C-103] NOI Recompletion (C-103E)	

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify the OCD inspection supervisor via email 24 Hours Prior to beginning operations.	
ward.rikala	All conducted logs shall be submitted to the OCD as a [UF-WL] EP Well Log Submission (WellLog).	
ward.rikala	A C-104 packet is required if, a pool is added, or perforations are added above or below existing perfs.	2/27/2025
ward.rikala	A minimum 35' of cements plug is required on top of the plug to be sat at 6552'.	2/27/2025