

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

Sundry Print Report

Well Name: MARSHALL Well Location: T27N / R9W / SEC 15 / County or Parish/State: SAN

NENE / 36.57944 / -107.77013 JUAN / NM

Well Number: 2E Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF078357 Unit or CA Name: Unit or CA Number:

COMPANY

Notice of Intent

Released to Imaging: 4/24/2025 2:48:42 PM

Sundry ID: 2847859

Type of Submission: Notice of Intent

Type of Action: Recompletion

Date Sundry Submitted: 04/16/2025 Time Sundry Submitted: 04:30

Date proposed operation will begin: 05/01/2025

Procedure Description: Hilcorp Energy Company requests permission to recomplete the subject well in the Mesaverde formation and temporarily abandon 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

Marshall_2E_MV_Recomplete_NOI_20250416163013.pdf

Well Name: MARSHALL County or Parish/State: SAN Well Location: T27N / R9W / SEC 15 / JUAN / NM

NENE / 36.57944 / -107.77013

Well Number: 2E Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF078357 **Unit or CA Name: Unit or CA Number:**

US Well Number: 3004526018 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: APR 16, 2025 04:30 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 Released to Imaging: 4/24/2025 2:48:42 PM

Field

Representative Name:

Street Address:

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:** 04/17/2025

Signature: Kenneth Rennick

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

BURI	EAU OF LAND MANAGEMENT	5. Lease Serial No. NMSF078357				
Do not use this f	OTICES AND REPORTS ON Worm for proposals to drill or to Jse Form 3160-3 (APD) for suc	6. If Indian, Allottee or Tribe	Name			
SUBMIT IN T	TRIPLICATE - Other instructions on pag	e 2	7. If Unit of CA/Agreement,	Name and/or No.		
1. Type of Well	/cll Other		8. Well Name and No. MARSHALL/2E			
2. Name of Operator HILCORP ENER	RGY COMPANY		9. API Well No. 300452601	 8		
3a. Address 1111 TRAVIS STREET,		(include area code) 00	10. Field and Pool or Explora	atory Area		
4. Location of Well <i>(Footage, Sec., T.,R</i> SEC 15/T27N/R9W/NMP	.,M., or Survey Description)		11. Country or Parish, State SAN JUAN/NM			
12. CHE	CK THE APPROPRIATE BOX(ES) TO INI	DICATE NATURE (OF NOTICE, REPORT OR OT	HER DATA		
TYPE OF SUBMISSION		TYPE	E OF ACTION			
✓ Notice of Intent	Acidize Deep Alter Casing Hydr	en [aulic Fracturing [Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair New	Construction	Recomplete	Other		
Final Abandonment Notice	Change Plans Plug Convert to Injection Plug	and Abandon	Temporarily Abandon Water Disposal			
Dakota formation. Please see loop system will be used. Hilco reclamation work, to conduct the	ests permission to recomplete the subje the attached procedure, current and pro orp will contact the FFO Surface group w ne onsite. A reclamation plan will be sub	posed wellbore dia vithin 90 days after	agram, plat and natural gas the well has been recomple	management plan. A closed		
4. I hereby certify that the foregoing is CHERYLENE WESTON / Ph: (713)	true and correct. Name (Printed/Typed) 289-2615	Operations/	Regulatory Tech - Sr			
Signature (Electronic Submission	n)	Date	04/16/2	2025		
	THE SPACE FOR FEDI	ERAL OR STA	TE OFICE USE			
Approved by		D.4.1	Franks	04/47/0005		
KENNETH G RENNICK / Ph: (505) 564-7742 / Approved	Title Petrole	eum Engineer	04/17/2025 Date		
	ned. Approval of this notice does not warran quitable title to those rights in the subject leduct operations thereon.		MINGTON			
	B U.S.C Section 1212, make it a crime for ar		and willfully to make to any d	lepartment or agency of the United States		

(Instructions on page 2)



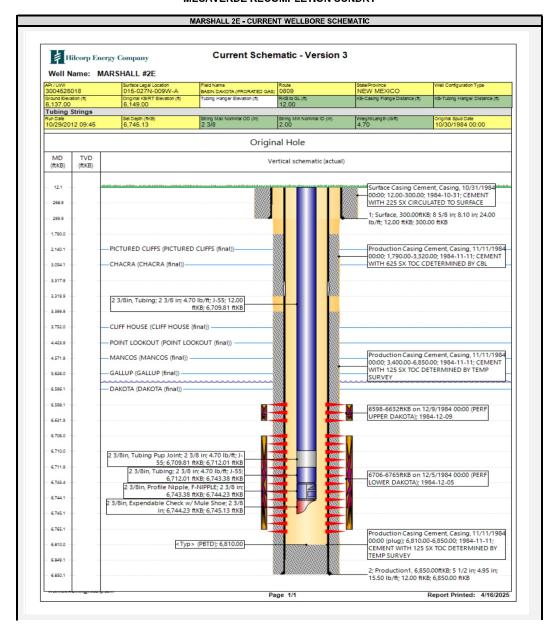
HILCORP ENERGY COMPANY MARSHALL 2E MESAVERDE RECOMPLETION SUNDRY API 3004526018

JOB PROCEDURES

- 1. MIRU workover rig and associated equipment; NU and test BOP.
- 2. TOOH with tubing.
- 3. Set a CIBP within 50' of the top <code>Dakota</code> perforation (6,598') 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 @ 4000', bottom perforation @ 4,570'.
- 8. If frac'ing down frac string: RIH $\mbox{w/}$ 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.

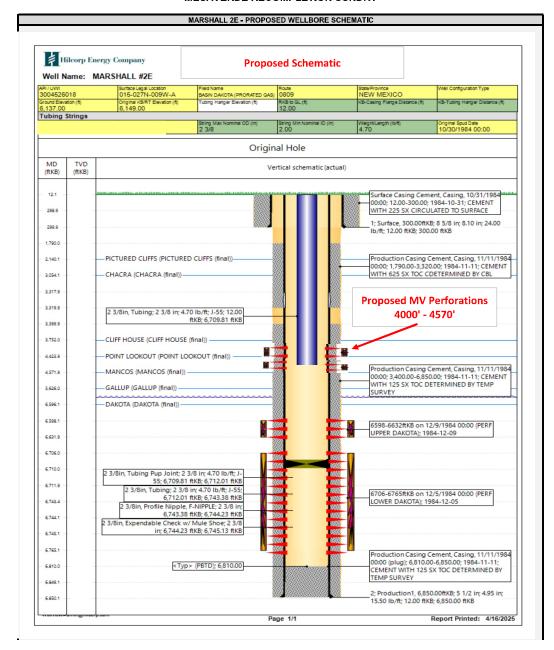


HILCORP ENERGY COMPANY MARSHALL 2E MESAVERDE RECOMPLETION SUNDRY





HILCORP ENERGY COMPANY MARSHALL 2E MESAVERDE RECOMPLETION SUNDRY



Received by OCD: 4/17/2025 9:56:53 AM-Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: attps://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
	☐ Initial Submittal
Submittal Fype:	☐ Amended Report
-JF	☐ As Drilled

WELL LOCATION INFORMATION											
A DI NI	API Number Pool Code Pool Name										
30-045			72319			Blanco-Mesaverde (Pror	rated Gas)				
Propert			Property Na	me		Blanco Mesaverae (1161	area Gusy	Well Numb	per		
318619			Marshall					2E			
OGRID	No.		Operator Na						vel Elevation		
372171			Hilcorp Ene		1y			6137'			
Surface	Owner: 🗆 S	State □ Fee ⊠	Tribal 🗆 Fed	leral		Mineral Owner: □	l State □ Fee □ Tribal	⊠ Federal			
Surface Location											
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
A	15	027N	09W		1120 N	1110 E	36.5794296	-107.770629	San Juan		
	Bottom Hole Location										
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
D. 11	1.4	I CH D C	. 337 11	D.C.:	TV II A DI	0.1.0.	II ' (MAD) C 1	:1.: C.1			
320.00	ed Acres	Infill or Defin	Defining Well API 30-045-34159		Overlapping Spacin	ig Unit (Y/N) Consol	idation Code				
		IIIIII		30 043 3							
Order Numbers.				Well setbacks are under Common Ownership: ⊠Yes □□No							
					Kick	Off Point (KOP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
		1									
		T	T			Take Point (FTP)	T	Τ	T		
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
	•				Last T	Γake Point (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County		
Unitiza	d Area or Ar	ea of Uniform I	nterect	Spaging	Hnit Type 🗆 He	rizontal Vertical	Ground Floor	Elevation:			
Omuze	u Alta II Ali	a or omnomi	niciest	Spacing	Onn Type \square Ho	nzoniai 🗀 verticai	6137'	EICVAUUII.			
				I			0.07				
OPERA	TOR CERT	IFICATIONS				SURVEYOR CERTIF	ICATIONS				
I hereby	certify that the	information coni	tained herein is	true and con	plete to the best of	I hereby certify that the	well location shown on thi.	s plat was plotted fr	om field notes of actual		

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, Operations/Regulatory Tech-Sr.

Printed Name

cweston@hilcorp.com Email Address

Signature and Seal of Professional Surveyor

Certificate Number

5979

Edgar L. Risenhoover

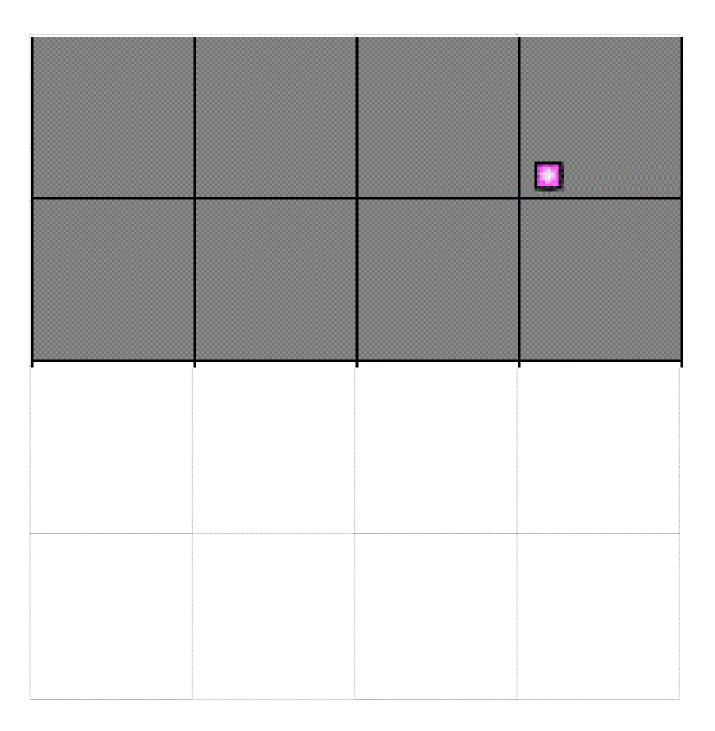
Date of Survey 6/19/1984

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.

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 Effective May 25, 2021

I. Operator: Hilcorp E	nergy Compan	У	OGRID:	372171	Date:	04/16 /2025		
II. Type: ☒ Original □	☐ Amendment	due to □ 19.15.2	7.9.D(6)(a) NMA	C □ 19.15.27.9.D((6)(b) NMAC □	Other.		
If Other, please describe	ə: <u> </u>							
III. Well(s): Provide the be recompleted from a s					wells proposed to	be drilled or proposed to		
Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D		
Marshall 2E	3004526018	A-15-27N-09W	1120' FNL, 1110' F	EL 1 bbl/d	200 mcf/d	1 bbl/d		
		<u> </u>						
IV. Central Delivery Point Name: Chaco-Blanco Processing Plant [See 19.15.27.9(D)(1) NMAC V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point. Well Name API Spud Date TD Reached Completion Initial Flow First Production Date Commencement Date Back Date Date								
Marshall 2E	3004526018		-			2025		
WIGISHAN EE	300 1520025							
VI. Separation Equipment: ☐ Attach a complete description of how Operator will size separation equipment to optimize gas capture. VII. Operational Practices: ☐ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC. VIII. Best Management Practices: ☐ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.								

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 natural	gas gathering system	□ will □ will :	not have capacity	to gather	100% of the an	ticipated	natural gas
production volume from the well	prior to the date of firs	t production.					

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

\neg	4 1		4 .		4				1.
	Attach Or	nerator's	s nlan to	manage	production	in response	to the	increased	line pressure

XIV. C	Confidentiality: \	□ Operator ass	serts confidentia	ılity pursuant	to Section	71 - 2-8 NM	SA 1978 fo	r the info	rmation	provided in
Section	2 as provided in	Paragraph (2) o	of Subsection D	of 19.15.27.9	NMAC, an	d attaches a	full descript	ion of the	specific:	information
for whic	ch confidentiality	is asserted and	the basis for su	ch 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. \square 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) power generation for grid; **(b)** (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 Weston		
Printed Name:	Cherylene Weston		
Title:	Operations/Regulatory Tech-Sr.		
E-mail Address:	cweston@hilcorp.com		
Date:	4/16/2025		
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 453074

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	453074
	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.	4/24/2025
ward.rikala	All conducted logs shall be submitted to the OCD as a [UF-WL] EP Well Log Submission (WellLog).	4/24/2025
ward.rikala	A C-104 packet is required if, a pool is added, or perforations are added above or below existing perfs.	4/24/2025