Page 1 of 15

Well Name: SAN JUAN 28-6 UNIT

BUREAU OF LAND MANAGEMENT

Well Location: T27N / R6W / SEC 5 /

SESW / 36.59877 / -107.492 ARRIBA / NM

Well Number: 134

Type of Well: CONVENTIONAL GAS

Lease Number: NMSF079051

**US Well Number: 3003920581** 

Unit or CA Name: SAN JUAN 28-6

UNIT--DK

Well Status: Producing Gas Well

Allottee or Tribe Name:

County or Parish/State: RIO

Unit or CA Number:

NMNM78412C

Operator: HILCORP ENERGY

COMPANY

#### **Notice of Intent**

Sundry ID: 2743202

Type of Submission: Notice of Intent Type of Action: Recompletion Date Sundry Submitted: 07/27/2023 Time Sundry Submitted: 01:58

Date proposed operation will begin: 09/01/2023

Procedure Description: Hilcorp Energy Company requests permission to recomplete the subject well in the Mancos/Mesaverde formations and downhole commingle with the existing Dakota. Please see the attached procedure, current and proposed wellbore diagram, plat and natural gas management plan. A closed loop system will be used. A pre-reclamation site visit was held on 4/11/2023 with Roger Herrera/BLM. The reclamation plan is attached.

#### **Surface Disturbance**

Is any additional surface disturbance proposed?: No

#### **NOI Attachments**

**Procedure Description** 

San\_Juan\_28\_6\_Unit\_134\_RC\_NOI\_20230727135705.pdf

#### Notify NMOCD 24 Hours Prior to beginning operations

#### **DHC** required

The CBL proposed in the procedures shall be submitted to the Division. If the cement sheath around the casing is not adequate to protect the casing and isolate strata from the top Mesaverde perforation to at least 150 feet above the top Mesaverde perforation, then Hilcorp shall conduct operations to remediate it prior to completing or producing from the formation.

Dean R Molline

08/17/2023

County or Parish/State: RIO Well Name: SAN JUAN 28-6 UNIT Well Location: T27N / R6W / SEC 5 / ARRIBA / NM

SESW / 36.59877 / -107.492

Well Number: 134 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

Lease Number: NMSF079051 Unit or CA Name: SAN JUAN 28-6 **Unit or CA Number:** 

UNIT--DK NMNM78412C

**US Well Number: 3003920581** Well Status: Producing Gas Well 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

Signed on: JUL 27, 2023 01:57 PM Operator Electronic Signature: CHERYLENE WESTON

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:

City: State: Zip:

Phone:

Email address:

#### **BLM Point of Contact**

**BLM POC Name: MATTHEW H KADE BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5055647736 BLM POC Email Address: MKADE@BLM.GOV

Disposition Date: 07/28/2023 Disposition: Approved

Signature: Matthew Kade



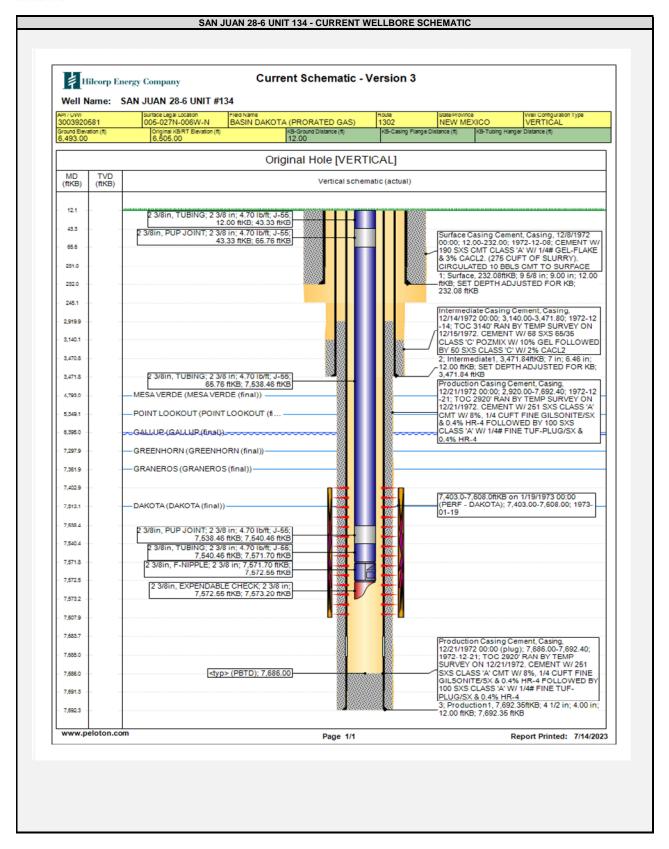
# HILCORP ENERGY COMPANY SAN JUAN 28-6 UNIT 134 MESA VERDE and MANCOS RECOMPLETION SUNDRY

#### JOB PROCEDURES

- 1. MIRU service rig and associated equipment; test BOP.
- 2. TOOH with 2-3/8" tubing set at 7,573'.
- 3. Set a 4-1/2" plug at +/- 7,352' to isolate the Dakota.
- 4. RU Wireline. Run CBL. Record Top of Cement.
- 5. Load the hole and pressure test the casing.
- 6. N/D BOP, N/U frac stack and pressure test frac stack.
- 7. Perforate and frac the Mesaverde and Mancos formations (MV Top Perforation @ 4,114'; MV Bottom Perforation @ 5,810') (Mancos Top Perforation @ 6,877').
- 8 Isolate frac stages with a plug.
- 9. Nipple down frac stack, nipple up BOP and test.
- 10. TIH with a mill and drill out top isolation plug, MESAVERDE frac plug, and Mancos frac plug.
- 11. Clean out to **Dakota** isolation plug.
- 12. Drill out Dakota isolation plug and cleanout to PBTD of 7,686'. TOOH.
- 13. TIH and land production tubing. Get a commingled Dakota/Mesaverde/Mancos flow rate.

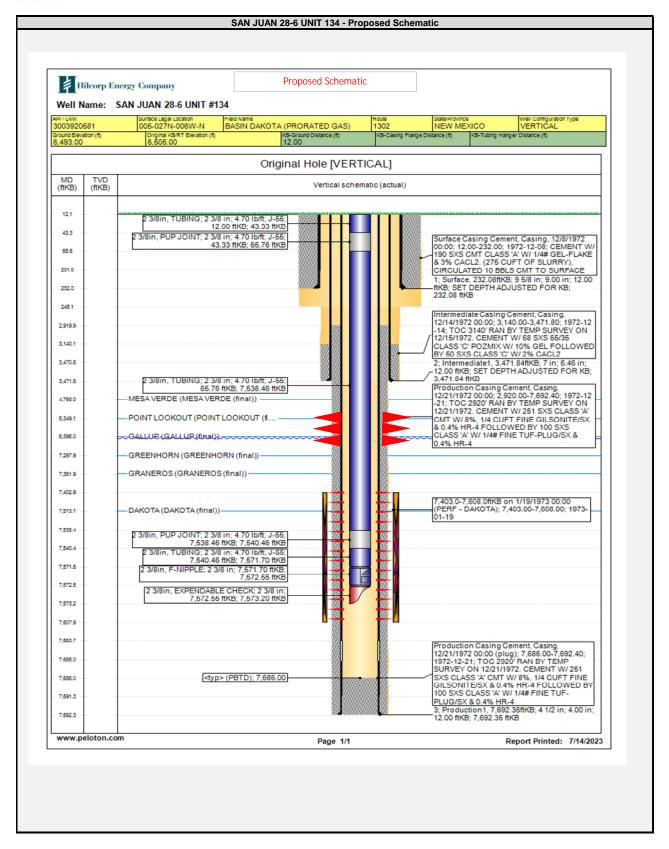


## HILCORP ENERGY COMPANY SAN JUAN 28-6 UNIT 134 MESA VERDE and MANCOS RECOMPLETION SUNDRY





# HILCORP ENERGY COMPANY SAN JUAN 28-6 UNIT 134 MESA VERDE and MANCOS RECOMPLETION SUNDRY



Form C-102

August 1, 2011

Permit 345073

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

	1. API Number	2. Pool Code	3. Pool Name
	30-039-20581	72319	BLANCO-MESAVERDE (PRORATED GAS)
ſ	4. Property Code	5. Property Name	6. Well No.
	318710	SAN JUAN 28 6 UNIT	134
ſ	7. OGRID No.	8. Operator Name	9. Elevation
	372171	HILCORP ENERGY COMPANY	6491

#### 10. Surface Location

١	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	N	5	27N	06W		1170	S	1750	W	RIO
										ARRIBA

#### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated A			13. Joint or Infill		14. Consolidatio	n Code		15. Order No.	

#### 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

#### **OPERATOR CERTIFICATION**

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

Cherylene Weston E-Signed By: Cherylene Weston Title:

Date: 7/18/2023

#### **SURVEYOR CERTIFICATION**

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 my belief.

David Kilven Surveyed By:

Date of Survey: 5/23/1967 1760 Certificate Number:

Form C-102

August 1, 2011

Permit 345073

District I

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# State of New Mexico Energy, Minerals and Natural Resources

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-20581	2. Pool Code 97232	3. Pool Name BASIN MANCOS
4. Property Code 318710	5. Property Name SAN JUAN 28 6 UNIT	6. Well No. 134
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6491

#### 10. Surface Location

١	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	N	5	27N	06W		1170	S	1750	W	RIO
										ARRIBA

#### 11. Bottom Hole Location If Different From Surface

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12. Dedicated A			13. Joint or Infill		14. Consolidatio	n Code		15. Order No.	

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#### **OPERATOR CERTIFICATION**

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

E-Signed By: Cherylene Weston
Title: Cherylene Weston

Date: 7/18/2023

#### **SURVEYOR CERTIFICATION**

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 my belief.

Surveyed By: David Kilven
Date of Survey: 5/23/1967
Certificate Number: 1760

Hilcorp Energy
Recomplete Reclamation Plan
SAN JUAN 28-6 UNIT 134
API: 30-039-20581
T27N-R6W-Sec.05-N
LAT: 36.59877 LONG: - 107.492 (NAD 27)

Footage: 1170' FSL & 1750' FWL Rio Arriba County, NM

#### 1. PRE- RECLAMATION SITE INSPECTION

A pre-reclamation site inspection was completed with Roger Herrera from the BLM and Travis Munkres Hilcorp Energy SJ East Construction Foreman on April 11, 2023.

#### 2. LOCATION RECLAMATION PROCEDURE

- 1. Reclamation work will begin when all the recompletion activities are completed.
- 2. All trash and debris will be removed within a 25' buffer outside of the location disturbance during reclamation.
- 3. Blade the road to the BLM Gold Book Standard from Ridge Road at the Crows Foot to the location.
- 4. Clean the diversion and silt trap on the cut slope.
- 5. Move excess gravel to the roadway and spread.
- 6. Reseed all disturbed area being used for recompletion activities.

#### 3. SEEDING PROCEDURE

- 1. A BLM Special 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.

#### 4. WEED MANAGEMENT

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

#### 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 Er	nergy Company			<b>OGRID</b> : <u>3</u>	72171	<b>Date:</b> <u>07/27</u>	
<b>II. Type:</b> ⊠ Original □ Amendment due to □ 19.15.27.9.D(6)(a) NMAC □ 19.15.27.9.D(6)(b) NMAC □ Other.							
If Other, please describes							
<b>III. Well(s):</b> Provide the be recompleted from a si					set of wells	proposed to be d	rilled or proposed to
Well Name	API	ULSTR	Foot	tages	Anticipate Oil BBL/		Anticipated Produced Water BBL/D
San Juan 28-6 Unit 134	3003920581	N-5-27N-6W	1170' FSL, 1	750' FWL	1	302	0.5
IV. Central Delivery Po V. Anticipated Schedul proposed to be recomple	e: Provide the fo	ollowing inforn		new or recomp	oleted well o		.9(D)(1) NMAC] posed to be drilled or
Well Name	API	Spud Date	TD Reached Date	Compl		Initial Flow Back Date	First Production Date
San Juan 28-6 Unit 134	3003920581	N/A	N/A	N/A		N/A	Not yet scheduled
VI. Separation Equipm  VII. Operational Pract Subsection A through For the VIII. Best Management during active and planner.	ices: ⊠ Attach of 19.15.27.8 Ni t Practices: ⊠	a complete de MAC.	scription of the	actions Opera	ator will tak	e to comply 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	Available Maximum Daily Capacity
	-		Start Date	of System Segment Tie-in

<b>XI. Map.</b> $\square$ 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 $\square$ will $\square$ will not have capacity to gather 100% of the anticipated	natural gas
production volume from the well prior to the date of first production.	

<b>XIII. Line Pressure.</b> Operator $\square$ does $\square$ does not anticipate that its existi	ing well(s) connected to the same segment, or portion, of the	ne
natural gas gathering system(s) described above will continue to meet antic	cipated increases in line pressure caused by the new well(s)	).

	Attach (	Operator's	nlan to manao	e production	in response	to the increase	ed line pressure
ш	- Анаси ч	Oberator 8	s Dian to manag	e production	III TESDOUSE	to the increase	an title blessure.

XIV. Confidentiality: $\Box$ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information pro-	ovided 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 into	formation
for which confidentiality is asserted and the basis for such assertion.	

(i)

## Section 3 - Certifications Effective May 25, 2021

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; compression on lease; (c) (d) liquids removal on lease; reinjection for underground storage; (e) **(f)** reinjection for temporary storage; **(g)** reinjection for enhanced oil recovery; 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: <a href="mailto:cweston@hilcorp.com">cweston@hilcorp.com</a>
Date: 07/27/2023
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
  - o This gas capture plan isn't for a well being drilled.
- 3. Subsection (C) Venting and flaring during completion or recompletion
  - o 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.
  - o 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.
  - o HEC will not vent or flare except during the approved activities listed in NMAC 19.15.27.8 (D) 1-4.
- 5. Subsection (E) Performance standards
  - o All tanks and separation equipment are designed for maximum throughput and pressure to minimize waste.
  - o 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
  - o Measurement equipment is installed to measure the volume of natural gas flared from process piping.
  - o 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.

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 245556

#### **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	245556
	Action Type:
	[C-103] NOI Recompletion (C-103E)

#### CONDITIONS

Created By	Condition	Condition Date
dmcclure	Notify NMOCD 24 Hours Prior to beginning operations	8/17/2023
dmcclure	DHC required	8/17/2023
dmcclure	The CBL proposed in the procedures shall be submitted to the Division. If the cement sheath around the casing is not adequate to protect the casing and isolate strata from the top Mesaverde perforation to at least 150 feet above the top Mesaverde perforation, then Hilcorp shall conduct operations to remediate it prior to completing or producing from the formation.	8/17/2023