

<b>Well Name:</b> SAN JUAN 28-7 UNIT	<b>Well Location:</b> T27N / R7W / SEC 15 / NESW / 36.571014 / -107.565704	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 132	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078640	<b>Unit or CA Name:</b> SAN JUAN 28-7 UNIT--DK	<b>Unit or CA Number:</b> NMNM78413C
<b>US Well Number:</b> 3003907051	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> HILCORP ENERGY COMPANY

### Notice of Intent

**Sundry ID:** 2770986

**Type of Submission:** Notice of Intent

**Type of Action:** Recompletion

**Date Sundry Submitted:** 01/22/2024

**Time Sundry Submitted:** 12:01

**Date proposed operation will begin:** 03/01/2024

**Procedure Description:** Hilcorp Energy Company requests permission to recomplete the subject well in the Mesaverde and Mancos formations and downhole commingle with the existing Dakota formation. Please see the attached procedure, current and proposed wellbore diagram, plats 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

San\_Juan\_28\_7\_Unit\_132\_NOI\_20240122120059.pdf

**Well Name:** SAN JUAN 28-7 UNIT

**Well Location:** T27N / R7W / SEC 15 /  
NESW / 36.571014 / -107.565704

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 132

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMSF078640

**Unit or CA Name:** SAN JUAN 28-7  
UNIT--DK

**Unit or CA Number:**  
NMNM78413C

**US Well Number:** 3003907051

**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*

**Operator Electronic Signature:** CHERYLENE WESTON

**Signed on:** JAN 22, 2024 12:01 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:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** KENNETH G RENNICK

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742

**BLM POC Email Address:** krennick@blm.gov

**Disposition:** Approved

**Disposition Date:** 01/22/2024

**Signature:** Kenneth Rennick



**HILCORP ENERGY COMPANY**  
**San Juan 28-7 Unit 132**  
**RECOMPLETION SUNDRY**

<b>Prepared by:</b>	Matthew Esz
<b>Preparation Date:</b>	January 5, 2024

WELL INFORMATION			
<b>Well Name:</b>	San Juan 28-7 Unit 132	<b>State:</b>	NM
<b>API #:</b>	3003907051	<b>County:</b>	
<b>Area:</b>	9	<b>Location:</b>	
<b>Route:</b>	906	<b>Latitude:</b>	
<b>Spud Date:</b>	November 28, 1962	<b>Longitude:</b>	

PROJECT DESCRIPTION
Perforate, fracture, and comingle the Mesa Verde and Mancos with the existing Dakota zone.

CONTACTS			
Title	Name	Office Phone #	Cell Phone #
Engineer	Matthew Esz	#N/A	770-843-9226
Area Foreman		#N/A	
Lead		#N/A	
Artificial Lift Tech		#N/A	
Operator		#N/A	



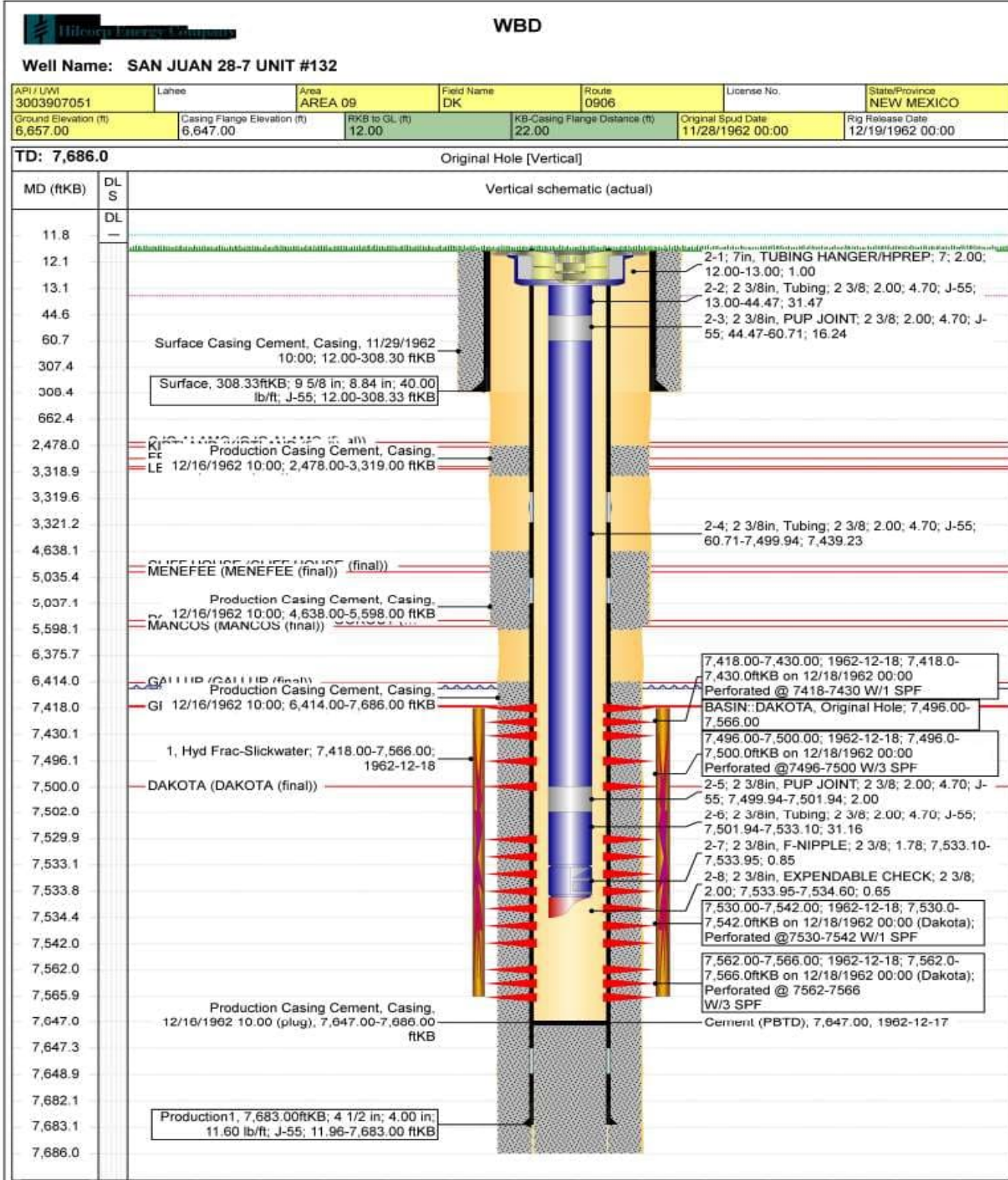
**HILCORP ENERGY COMPANY**  
**San Juan 28-7 Unit 132**  
**RECOMPLETION SUNDRY**

JOB PROCEDURES
<ol style="list-style-type: none"> <li>MIRU service rig and associated equipment; test BOP.</li> <li>TOOH with 2-3/8" tubing set at 7534'.</li> <li>Set a 4-1/2" plug at +/- 7393' to isolate the Dakota.</li> <li>RU Wireline. Run CBL. Record Top of Cement.</li> <li>Load the hole and pressure test the casing.</li> <li>N/D BOP, N/U frac stack and pressure test frac stack.</li> <li>Perforate and frac the Mancos, and Mesa Verde formations (Top Perforation @ 4819'; Bottom Perforation @ 7302').</li> <li>Nipple down frac stack, nipple up BOP and test.</li> <li>TIH with a mill and drill out top isolation plug and Mesa Verde/Mancos frac plugs.</li> <li>Clean out to Dakota isolation plug.</li> <li>Drill out Dakota isolation plug and cleanout to PBTD of 7647'. TOOH.</li> <li>TIH and land production tubing. Get a commingled Dakota/Mancos/Mesa Verde flow rate.</li> </ol>



**HILCORP ENERGY COMPANY**  
**San Juan 28-7 Unit 132**  
**RECOMPLETION SUNDRY**

**San Juan 28-7 Unit 132 - CURRENT WELLBORE SCHEMATIC**

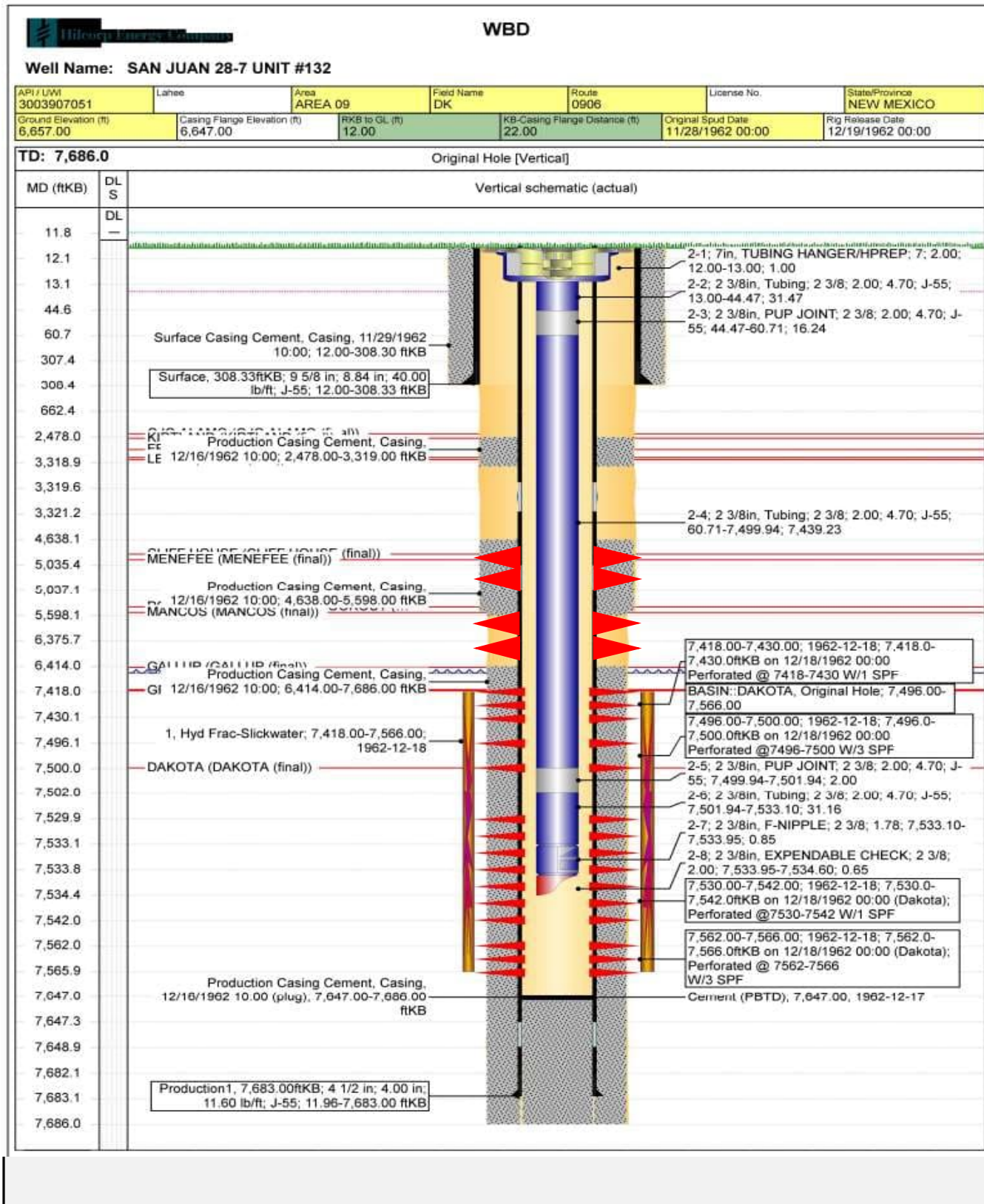






**HILCORP ENERGY COMPANY**  
**San Juan 28-7 Unit 132**  
**RECOMPLETION SUNDRY**

San Juan 28-7 Unit 132 - Proposed Schematic



**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**

Form C-102  
August 1, 2011

Permit 358213

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-07051	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318432	5. Property Name SAN JUAN 28 7 UNIT	6. Well No. 132
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6647

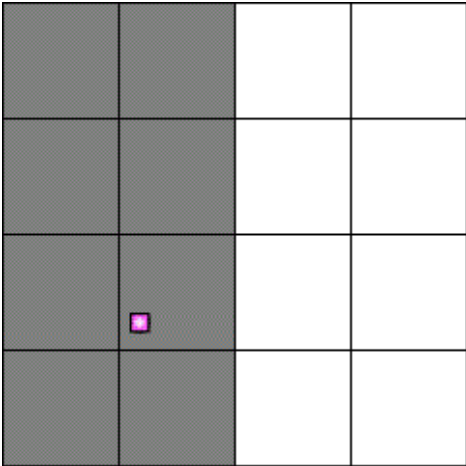
**10. Surface Location**

UL - Lot K	Section 15	Township 27N	Range 07W	Lot Idn	Feet From 1650	N/S Line S	Feet From 1550	E/W Line W	County RIO ARRIBA
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**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 Acres 320.00	13. Joint or Infill			14. Consolidation 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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>E-Signed By: <i>Cherylene Weston</i> Title: Operations/Regulatory Tech-Sr. Date: 1/5/2024</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Russell H. McNeace Date of Survey: 10/15/1962 Certificate Number:</p>
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### 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

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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**

Form C-102  
August 1, 2011

Permit 358213

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-07051	2. Pool Code 97232	3. Pool Name BASIN MANCOS
4. Property Code 318432	5. Property Name SAN JUAN 28 7 UNIT	6. Well No. 132
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6647


## 10. Surface Location

UL - Lot	K	Section 15	Township 27N	Range 07W	Lot Idn	Feet From 1650	N/S Line S	Feet From 1550	E/W Line W	County RIO ARRIBA
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### 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 Acres 320.00			13. Joint or Infill		14. Consolidation 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.*

E-Signed By: *Cherylene Weston*

Title: Operations/Regulatory Tech-Sr.

Date: 1/5/2024

**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: Russell H. McNeace

Date of Survey: 10/15/1962

Certificate Number:

State of New Mexico  
Energy, Minerals and Natural Resources DepartmentSubmit Electronically  
Via E-permittingOil 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 Energy Company **OGRID:** 372171 **Date:** 01 / 05 / 2024**II. Type:** ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** 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	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
SJ 28-7 Unit 132	3003907051	K-15-27N-7W	1650 FSL, 1550 FWL	5.4 bbl/d	489 mcf/d	0.5 bbl/d

**IV. Central Delivery Point Name:** Chaco-Blanco 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 Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
<u>SJ 28-7 Unit 132</u>	<u>3003907051</u>					<u>2024</u>

**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.** ☐ 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 anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator ☐ does ☐ 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).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:** ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided 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 information for which confidentiality is asserted and the basis for such assertion.

### **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.** ☐ 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:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

### **Section 4 - Notices**

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

(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:	<i>Cherylene Weston</i>
Printed Name:	Cherylene Weston
Title:	Operations/Regulatory Tech-Sr.
E-mail Address:	cweston@hilcorp.com
Date:	01/05/2024
Phone:	713-289-2615
<b>OIL CONSERVATION DIVISION</b> <b>(Only applicable when submitted as a standalone form)</b>	
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 recompleting project. HEC will utilize flowback separation equipment and production separation equipment designed and built to industry specifications after the recompleting 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 recompleting 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 recompleting
  - 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) 1-4.
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.



**From:** [Cheryl Weston](#)  
**To:** [McClure, Dean, EMNRD](#); [Rikala, Ward, EMNRD](#)  
**Cc:** [Mandi Walker](#)  
**Subject:** [EXTERNAL] Action ID: 306347 San Juan 28-7 Unit 132 RC NOI  
**Date:** Tuesday, February 13, 2024 1:15:28 PM

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dean,

The estimated NOI perf range for the above NOI is as follows and it matches BLM approved NOI:

API	Well Name	Team	NOI OCD ID	MV Perfs:	MC Perfs:
3003907051	SAN JUAN 28-7 UNIT 132	SJS	306347	4819' - 5887'	5887' - 7302'

Thanks,

**Cheryl Weston**

San Juan Operations/Regulatory Tech-Sr.  
1111 Travis Street | Houston, TX 77002  
Ofc: 713.289.2615 | [cweston@hilcorp.com](mailto:cweston@hilcorp.com)



The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

**From:** [McClure, Dean, EMNRD](#)  
**To:** [Cheryl Weston](#)  
**Cc:** [Mandi Walker](#)  
**Subject:** RE: [EXTERNAL] Application ID: 306347; 30-039-07051 SAN JUAN 28 7 UNIT #132  
**Date:** Tuesday, February 20, 2024 5:11:00 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)

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Cheryl,

Upon further review, I see that Order R-10987-A(6) which was issued by the OCC is most likely to take priority over Order R-12984 which was issued by the OCD, regardless of whether Order R-10987-A would have. While what I presume to be Hilcorp's Geologist's position, that being that the legal base of the point lookout is 500' below its top, is incorrect; it would be accurate to say that per Order R-10987-A(6), the base of the BLANCO-MESAVERDE (PRORATED GAS) [72319] pool is 500' below the top of the point lookout regardless of whether this includes some of the Mancos formation. As such, Hilcorp's original pick for the transition between the pools will be fine.

However, I will note that this pick for the transition point between the pools is in direct disagreement with Order R-12984 which sets the top of the BASIN MANCOS [97232] pool at the base of the point lookout, that being at 5538' per the Operator who drilled this well. I'm unsure as the discrepancy between 5,538' and 5,887' will play a role in the future, but it will be something to keep in mind.

Dean McClure  
Petroleum Engineer, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 469-8211

---

**From:** Cheryl Weston <cweston@hilcorp.com>  
**Sent:** Tuesday, February 20, 2024 11:15 AM  
**To:** McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>  
**Cc:** Mandi Walker <mwalker@hilcorp.com>  
**Subject:** RE: [EXTERNAL] Application ID: 306347; 30-039-07051 SAN JUAN 28 7 UNIT #132

Dean,

Please see the note below from the San Juan South Geologist. Let me know if additional information is needed.

Thank you,

**Cheryl Weston**  
San Juan Operations/Regulatory Tech-Sr.

1111 Travis Street | Houston, TX 77002  
Ofc: 713.289.2615 | [cweston@hilcorp.com](mailto:cweston@hilcorp.com)



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**From:** Scott Matthews <[scmatthews@hilcorp.com](mailto:scmatthews@hilcorp.com)>  
**Sent:** Tuesday, February 20, 2024 12:11 PM  
**To:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>; Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Marcus Hill <[Marcus.Hill@hilcorp.com](mailto:Marcus.Hill@hilcorp.com)>; Ray Brandhurst <[rbrandhurst@hilcorp.com](mailto:rbrandhurst@hilcorp.com)>  
**Subject:** RE: [EXTERNAL] Application ID: 306347; 30-039-07051 SAN JUAN 28 7 UNIT #132

Cheryl, 4,819 is the Top of the main Cliffhouse sand same sand perforated @ 4,910 in the 28-7 132G offset well. The top of the Point Lookout sand is 5,387 (5,475 in the offset 132G) making the Legal bottom 5,887.

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**From:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Sent:** Tuesday, February 20, 2024 9:18 AM  
**To:** Matthew Esz <[Matthew.Esz@hilcorp.com](mailto:Matthew.Esz@hilcorp.com)>; Scott Matthews <[scmatthews@hilcorp.com](mailto:scmatthews@hilcorp.com)>; Marcus Hill <[Marcus.Hill@hilcorp.com](mailto:Marcus.Hill@hilcorp.com)>; Ray Brandhurst <[rbrandhurst@hilcorp.com](mailto:rbrandhurst@hilcorp.com)>  
**Cc:** Chuck Creekmore <[ccreekmore@hilcorp.com](mailto:ccreekmore@hilcorp.com)>; Angela Martinez <[Angela.Martinez@hilcorp.com](mailto:Angela.Martinez@hilcorp.com)>  
**Subject:** FW: [EXTERNAL] Application ID: 306347; 30-039-07051 SAN JUAN 28 7 UNIT #132

Matthew/Scott:

Please review the perf range for the Mancos and Mesaverde. The MV top perf (4819') is above the legal MV top @ 4862' and extends beyond 5538', the base of Point Lookout/Mancos Top. See the MV top picks email attached from OCD.

Please advise how we want to respond to Dean at OCD.

Thanks,  
Cheryl

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**From:** McClure, Dean, EMNRD <[Dean.McClure@emnrd.nm.gov](mailto:Dean.McClure@emnrd.nm.gov)>  
**Sent:** Monday, February 19, 2024 5:43 PM  
**To:** Cheryl Weston <[cweston@hilcorp.com](mailto:cweston@hilcorp.com)>  
**Cc:** Mandi Walker <[mwalker@hilcorp.com](mailto:mwalker@hilcorp.com)>  
**Subject:** [EXTERNAL] Application ID: 306347; 30-039-07051 SAN JUAN 28 7 UNIT #132

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Cheryl,

I am reviewing the sundry referenced in the subject line of this email regarding a proposed recompletion of the 30-039-07051 SAN JUAN 28 7 UNIT #132.

Please review Hilcorp’s proposed perforations for the two pools. Please note that the vertical limits set within Order R-12984 will take priority over those set in Order R-10987-A.

Well Details

Point Lookout Formation	5415
Mancos Formation	5538

Hilcorp Proposed Perforations

API	Well Name	Team	NOI OCD ID	MV Perfs:	MC Perfs:
3003907051	SAN JUAN 28-7 UNIT 132	SJS	306347	4819' - 5887'	5887' - 7302'

Dean McClure  
Petroleum Engineer, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 469-8211

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**District IV**  
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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 306347

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 306347
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Notify NMOCD 24 Hours Prior to beginning operations.	2/21/2024
dmcclure	DHC required	2/21/2024
dmcclure	All conducted logs shall be submitted to the Division.	2/21/2024
dmcclure	The appropriate compliance officer supervisor shall be consulted and remedial action conducted as directed if the cement sheath around the casing is not adequate to protect the casing and isolate strata from: (a) the uppermost perforation in each added pool to at least 150 feet above that perforation; and (b) the lowermost perforation in each added pool to at least 100 feet below that perforation.	2/21/2024
dmcclure	Order R-10987-A(6) sets the base of the BLANCO-MESAVERDE (PRORATED GAS) [72319] pool at 500' below the top of the point lookout. However, Order R-12984 sets the top of the BASIN MANCOS [97232] pool at the base of the point lookout. These two orders are in disagreement for this well.	2/21/2024