J.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Repo
Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 27 / SENE / 36.634399 / -107.340637	County or Parish/State: RIO ARRIBA / NM
Well Number: 77	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079520	Unit or CA Name: SAN JUAN 28-5 UNITDK	Unit or CA Number: NMNM78411B
US Well Number: 3003920106	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2660543

ACMAC

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/07/2022

Date proposed operation will begin: 03/21/2022

Type of Action: Recompletion Time Sundry Submitted: 02:00

Procedure Description: Hilcorp Energy Company requests permission to recomplete the subject well in the Mesaverde 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 3/2/21 with Roger Herrera/BLM. The reclamation plan is attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

NGMP_SJ_28_5_Unit_77_20220307135901.pdf

San_Juan_28_5_Unit_77_NOI_Procedure_20220307135901.pdf

SJ_28_5_unit_77_MV_Plat_20220307135901.pdf

San_Juan_28_5_77_Reclamation_Plan_20220307135900.pdf

Received by OCD: 3/10/2022 6:18:01 AM Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 27 / SENE / 36.634399 / -107.340637	County or Parish/State: RIO ARRIBA / NM
Well Number: 77	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079520	Unit or CA Name: SAN JUAN 28-5 UNITDK	Unit or CA Number: NMNM78411B
US Well Number: 3003920106	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: KANDIS ROLAND Name: HILCORP ENERGY COMPANY Title: Operation Regulatory Tech Street Address: 382 Road 3100 City: Farmington State: NM Phone: (505) 599-3400

Email address: kroland@hilcorp.com

Field Representative

Representative Name: Street Address: City: State: Phone: Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK BLM POC Phone: 5055647742 Disposition: Approved Signature: Kenneth Rennick

BLM POC Title: Petroleum Engineer BLM POC Email Address: krennick@blm.gov Disposition Date: 03/07/2022

Zip:

Signed on: MAR 07, 2022 01:59 PM

San Juan 28-5 Unit 77

H-27-28N-05W 1820 FNL 1070 FEL

API#: 3003920106

Mesa Verde Recompletion Procedure

2/15/2022

Procedure:

- 1. MIRU service rig and associated equipment.
- 2. Test BOP's.
- 3. TOOH w/ 2-3/8" tubing currently set with EOT at 8,293'.
- 4. Set a CIBP to isolate the Dakota @ +/- 8,074'.
- 5. Load the hole.
- Pressure test casing to maximum fracture pressure.
 Note: CBL ran on 5/8/2017 shows TOC > 150' above top perf of Mesa Verde. Therefore, proceed to next step.
- 7. ND BOP's. NU frac stack and test same to maximum fracture pressure.
- 8. RDMO service rig.
- 9. MIRU frac spread.
- 10. Perforate and frac the Mesa Verde from 5,664' to 6,198'. RDMO frac spread.
- 11. MIRU service rig.
- 12. Test BOP's.
- 13. PU mill and RIH to clean out to Dakota isolation plug.
- 14. When water and sand rates are acceptable, flow test the Mesa Verde.
- 15. Drill out Dakota isolation plug and TOOH.
- 16. TIH and land production tubing. Obtain a commingled Dakota flow rate.
- 17. ND BOP's, NU production tree.
- 18. RDMO service rig & turn well over to production.

•

Well Name: 1/041 003920106 003920106 001100 001100 st Recent Jo Category FI I INTERVE D: 8,9 204.1 1,962.9	tion (ft) KB-Ground 9.00 Prima	I Location I-005W-H Distance (ft) Origina	il Spud Date 968 00:00	Secondary Job T Original H	Rig Release 6/29/1998 yp= Hole [VEI	Dete 3 11:00	PBTD	te/Province EW MEXICO AID (#K8) nail Hole - 8,352.0	Well Configuration Type VERTICAL Total Depth All (TVD) (tKB) End Date 5/12/2017	
ist Recent Jo 221.00 st Recent Jo category FI I INTERVE D: 8,365.0 MD (ftKB) 8.9 204.1	tion (ft) KB-Ground 9.00 Prima	I Distance (ft) Origina 6/8/1	il Spud Date 968 00:00	Secondary Job T Original H	Rig Release 6/29/1998 yp= Hole [VEI	3 11:00	Actual Start Date	(All) (AKB)	End Date	
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3,487.9	FRUITLAND (FRUIT	LAND (final)) -						.,, .,		
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-	POINT LOOKOUT (POINT LOOKOUT	T (final)) —		-22					
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	CUBERO (CUBERO	(final))					€ f	2.10; 3-3; 2 3/8; 2	2.00	-
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8,350.1	ENCINAL (ENCINAL	L (final))			18 A	1000		Elent College A 4 17	Sec. 0.351 74 0.353 07. 1.33	
					8	1000		Float Collar, 4 1/2 4; 4 1/2; 4.05	2in; 8,351.74-8,352.97; 1.23;	; 3-
8,352.0						Series a	2		/2in; 8,352.97-8,363.82; 10.	.85
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					-12 (1)21	2525252	P.	5; 4 1/2; 4.05		

	e: SAN JUAN 28-5 UNIT #77	Pro	oposed	d: Pos	t-Fra	C		
/UWI 03920106	Surface Legal Location 027-028N-005W-H	Field Name		License No.		State/Province NEW MEXICO		Well Configuration Type VERTICAL
inal KB/RT Ele	evation (ft) KB-Ground Distance (ft) Origina	Spud Date		Release Date		PBTD (AII) (RKB)		Total Depth All (TVD) (fKB)
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st Recent	Job Primary Job Type		Secondary Job Type	,	Actual Star	t Date	End D	ate
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204.1				COWE:		3/8; 2.00 Casing Joints 9 5/8; 9.00	;, 9 5/8in; 8	3.98-203.98; 195.00; 1-1;
1,962.9			10000			9 5/8; 9.00		03.98-204.98; 1.00; 1-2;
3,202.1	OJO ALAMO (OJO ALAMO (final)) -		1			Casing Joints 7; 6.46	i, 7in; 9.00-	4,088.95; 4,079.95; 2-1;
	-KIRTLAND (KIRTLAND (final))					Casing Joints -1; 4 1/2; 4.0		3.97-6,423.12; 6,414.15; 3
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3,963.9	LEWIS (LEWIS (final))	(may)						
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4,240.2					815	3/8; 2.00	ng; 9.96-8,	257.95; 8,247.99; 3-2; 2
4,855.0 -		NITO						
4,033.0	CLIFF HOUSE (CLIFF HOUSE (final))							
5,744.1 -	MENEFEE (MENEFEE (final))	- 15h		885 I 1991 -	98 98			
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	MANCOS (MANCOS (final))	~~~~						6,423.12-7,949.72; <u>~~</u>
7,290.0	GALLUP (GALLUP (final))					1,526.60; 3-2	; 4 1/2; 4.0	0
8.008.9	GREENHORN (GREENHORN (final))				<u></u>			
	GRANEROS (GRANEROS (final))				88- 	Casing Joints	s, 4 1/2in; 7	,949.72-8,351.74;
8,121.1						402.02; 3-3;		7/29/1968 00:00 (PERF -
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-	CUBERO (CUBERO (final))				····	2.10; 3-3; 2 3		
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8,350.1	— ENCINAL (ENCINAL (final))					~		351.74-8,352.97; 1.23; 3-
8,352.0							s, 4 1/2in; 8	3,352.97-8,363.82; 10.85;
8,363.8					88 8	3-5; 4 1/2; 4. Guide Shoe, 6; 4 1/2; 4.05	4 1/2in; 8,3	363.82-8,365.07; 1.25; 3-
	n.com							

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Respired by OGD: 3/10/2022 6:18:01 AM

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 8

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 OCD Permitting

Form C-102 August 1, 2011

Permit 309048

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
30-039-20106	72319	BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318708	5. Property Name SAN JUAN 28 5 UNIT	6. Well No. 077
7. OGRID No.		9. Elevation
372171	HILCORP ENERGY COMPANY	7012

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
Н	27	28N	05W		1820	N	1070	E	RIO
									ARRIBA

11. Bottom Hole Location If Different From Surface Feet From County UL - Lot Section Township Range Lot Idn N/S Line Feet From E/W Line 12. Dedicated Acres 13. Joint or Infill 14. Consolidation Code 15. Order No. 320.00 N/2

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: Kandis Roland Title: Regulatory Tech Date: 2/21/2022
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: 1/10/1968 Certificate Number: 1760

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 Energy Company OGRID: 372171 Date: __3/3/2022__

II. Type: \square Original \square Amendment due to \square 19.15.27.9.D(6)(a) NMAC \square 19.15.27.9.D(6)(b) NMAC \square 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	Antici	Anticipated	Anticipated
l				_	pated	Gas	Produced
l					Oil	MCF/D	Water BBL/D
	San Juan 28-5 Unit 77	3003920106	H-27-28N-5W	1820' FNL & 1070' FEL	0.2	600	5
L							

IV. Central Delivery Point Name: _____Ignacio 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	TD Reached	Completion	Initial Flow	First Production Date
		Date	Date	Commencement	Back Date	
				Date		
San Juan 28-5 Unit 77	<u>3003920106</u>	<u>N/A</u>	<u>N/A</u>	N/A	N/A	Not Yet Scheduled

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 3 - Certifications Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

 \square 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

 \Box 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. \Box 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:

- (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: Kandís Roland
Printed Name: Kandis Roland
Title: Operations/Regulatory Tech Sr.
E-mail Address: kroland@hilcorp.com
Date: 3/3/2022
Phone:713-757-5246
OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:
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
 - \circ $\;$ 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) 1-4.
- 5. Subsection (E) Performance standards
 - o 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
 - o 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.

Hilcorp Energy Recomplete Reclamation Plan SAN JUAN 28-5 UNIT 77 API: 30-039-20106 T28N-R5W-Sec.27-H LAT: 36.6344 LONG: - 107.34064 (NAD 27) Footage: 1820' FNL & 1070' FEL 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 March 2, 2022.

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. Repair the road from Arnold Road to the location (blade and correct drainage issues).
- 4. Cut in a teardrop ditch.
- 5. Clean the existing diversion ditch on the east side of the location.
- 6. Move excess gravel to the roadway and spread.
- 7. 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.

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

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	89054
	Action Type:
	[C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date						
kpickford	DHC required	3/15/2022						
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/15/2022						

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