ID NO. 368545		<b>DHC - 5465</b>	Revised March 25, 2017
RECEIVED: 07/30/24	REVIEWER:	TYPE:	APP NO: pLEL2505634110
1	- Geolog 220 South St.	above THIS TABLE FOR OCD ( ICO OIL CONSERV) gical & Engineering Francis Drive, Sant	ATION DIVISION g Bureau – ca Fe, NM 87505
	T IS MANDATORY FOR	TRATIVE APPLICATI	ATIONS FOR EXCEPTIONS TO DIVISION RULES AND
Applicant: <u>Hilcorp Energ</u> Well Name: <u>San Juan 29-7</u> Pool: <u>Basin Fruitland Coal /</u>	y Company 7 Unit 84A		OGRID Number: <u>372171</u> API: <u>30-039-21914</u> Pool Code: <u>71629, 72319</u>
SUBMIT ACCURATE AI	ND COMPLETE I	NFORMATION REQUI	IRED TO PROCESS THE TYPE OF APPLICATION
<ol> <li>TYPE OF APPLICATIC A. Location – Spa NSL</li> </ol>	cing Uni <u>t</u> – Sim	ultaneous Dedicatio	
<ul> <li>[II] Injection –</li> <li>WFX</li> <li>2) NOTIFICATION REQUENT</li> <li>A. Offset opera</li> <li>B. Royalty, overa</li> <li>C. Application</li> <li>D. Notification</li> </ul>	ng – Storage – CTB Disposal – Pres PMX IIRED TO: Chec ators or lease h erriding royalty requires publis and/or concu	Measurement PLC PC C ssure Increase – Enha SWD IPI E ck those which apply olders owners, revenue ov	y. Notice Complete vners O
<ul> <li>F. Surface ow</li> <li>G. For all of the</li> <li>H. No notice re</li> <li>3) CERTIFICATION: I he administrative approximation</li> </ul>	ner e above, proof equired reby certify tha oval is <b>accurat</b> <b>action</b> will be t	of notification or pu at the information su e and <b>complete</b> to t aken on this applica	ublication is attached, and/or, Ibmitted with this application for the best of my knowledge. I also ation until the required information and

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Cherylene Weston

Print or Type Name

7/30/2024

Date

713-289-2614

Phone Number

Cherylene Weston

Signature

cweston@hilcorp.com e-mail Address

District I 1625 N. French Drive, Hobbs, NM 88240

District II 811 S. First St., Artesia, NM 88210

District III 1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107A Revised August 1, 2011

Page 2 of 27

**Oil Conservation Division** 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE \_\_Single Well \_\_Establish Pre-Approved Pools EXISTING WELLBORE \_\_X\_Yes \_\_\_No

## APPLICATION FOR DOWNHOLE COMMINGLING

Hilcorp	Energy	Company

382 Road 3100, Aztec, NM 87410

Operator		Address	
SAN JUAN 29-7 UNIT	84A	O-1-T29N-R07W	RIO ARRIBA, NM
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No. 372171 Property Code 318713 API No. 30-039-21914 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Fruitland Coal		Blanco Mesaverde
Pool Code	71629		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3102' - 3387'		4162' - 5956'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	446 psi		290 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	878 BTU		1217 BTU
Producing, Shut-In or New Zone	New Zone		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Rates:	Date: 5/1/2024 Rates: Oil - 2 bbl Gas - 1,393 mcf Water - 0 bbl
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % %	Oil Gas % %

## ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes Yes	
Are all produced fluids from all commingled zones compatible with each other?	Yes_X	No
Will commingling decrease the value of production?	Yes	NoX
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes_X	No
NMOCD Reference Case No. applicable to this well: Per Order R-10697, Hilcorp Energy is exempt from providing	notice to ow	ners (excluding

SLO/BLM, where applicable).

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

### PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE	Cherylene Weston	TITLE Operations/Regulatory Tech-Sr.	DATE	7/30/2024

TYPE OR PRINT NAME	Cherylene Weston

\_TELEPHONE NO. (\_\_\_\_\_\_\_) 289-2615

E-MAIL ADDRESS cweston@hilcorp.com

#### 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 263157

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-039-21914	71629	BASIN FRUITLAND COAL (GAS)
4. Property Code	5. Property Name	6. Well No.
318713	SAN JUAN 29 7 UNIT	084A
7. OGRID No.	8. Operator Name	9. Elevation
372171	HILCORP ENERGY COMPANY	6489

#### 10. Surface Location

	IV. SUITACE ESCANON										
UL - Lot		Section	Township		Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	0	1		29N	07W		1120	S	1680	E	RIO
											ARRIBA

	11. Bottom Hole Location If Different From Surface									
Γ	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
				5						-
	12. Dedicated Acres 319.52		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

knowledge and belief, mineral interest in the this well at this locatio	<b>OPERATOR CERTIFICATION</b> the information contained herein is true and complete to the best of my and that this organization either owns a working interest or unleased land including the proposed bottom hole location(s) or has a right to drill on pursuant to a contract with an owner of such a mineral or working
interest, or to a volunt by the division.	ary pooling agreement or a compulsory pooling order heretofore entered
	ylene Weston
Title: Operations/I Date: 02/01/2019	Regulatory Tech-Sr.
I hereby certify that th	SURVEYOR CERTIFICATION re well location shown on this plat was plotted from field notes of actual
	or under my supervision, and that the same is true and correct to the best
Surveyed By:	FRED B. KERR, JR.
Date of Survey:	9/1/1978
Certificate Number:	3950

# Received by OCD: 7/30/2024 2:02:55 PME" MEXICO OIL CONSERVATION COMMISSIS" WELL \_JCATION AND ACREAGE DEDICATION . \_AT

Form C -Pupe 4 of 27 Supersedes C-128 Effective 1-1-65

•		All distances must be f	rom the oute	er boundaries of	the Section			
Operator	******		Lease				Weli Ho.	
EL PASO NATURA			SAN .	JUAN 29-7	UNIT (	SF-078945)	84A	
Unit Lotter Section	on .	Township	Francie		County			
O Actual Footage Location	1	29N		7W	RIO	ARRIBA		
1100		outh line and	1680	fee	t from the	East	line	
Ground Lovel Elev.	Producing For		Pool	D]		}	diduted Acreage:	
6489	Mesa Ver	rde	l	Blanco Me	sa verd	e	319.52 Act	·**:
2. If more than o interest and ro	nc lease is valty).	ted to the subject w	l, outline	each and ide	ntily the	ownership ther	eof (both as to worki	-
dated by commu	nitization, u No If an	ifferent ownership is nitization, force-pool nswer is "yes," type o owners and tract desc	ng, etc?" I consolid	lation	Unit	ization		
this form if nec No allowable w	essary.) ill be assigne or otherwise)	ed to the well until al or until a non-standar NT REISSUED TO RE	l interests d unit, eli IFLECT M	have been c	consolida h interes FION.	ted (by commu	nitization, unitizatio	n.
	1					с Х	ERTIFICATION	
			     	#84 ⊙		tained herein	ify that the information ca is true and complete to the powledge and belief.	
	+ ! !		   			Drilling Position El Paso	Natural Gas C	0.
		×				Company August 3 Date	91, 1979	
	i i	Sec 1		•		8		
			SF-07	18945		shown on thi. notes of action under my sur	rtify that the well location s plat was platted from fie wal surveys made by me pervision, and that the same	eld or Te
	1 1. +			16801		Is the and knowledge ar	correct to the hest of n ad belief.	ny
	t     		,0211			Date Surveyed Septembe Restatop i Fr and or ford for	tensitional diama y :	
2 340 660 900.	1 1 1	0 2310 2640 200	2	1000 0	<u></u>	Fred B 3950	Kerr Jr B. FRR. N.	

Released to Imaging: 2/26/2025 2:50:40 PM

The near wellbore shut-in bottom hole pressures of the above reservoirs are much lower than the calculated far-field stabilized reservoir pressured due to the low permeability of the reservoirs. Based on pressure transient analysis performed in the San Juan Basin, it would take 7-25 years for shut-in bottom hole pressures to build up to the calculated far-field reservoir pressure. Our observation is that even for areas of high static reservoir pressures, the low permeability of the reservoir rock results in rapid depletion of the near-fracture region, quickly enough that the wells are unable to produce without the aid of a plunger. Given low permeabilities and low wellbore flowing pressures in the above reservoirs, loss of reserves due to cross-flow is not an issue during producing or shut-in periods. Given low shut-in bottom hole pressures in excess of any commingled pool's fracture parting pressure. The pressures provided in the C-107A are based on shut-in bottom hole pressures of offset standalone wells which match expected near-wellbore shut-in bottom hole pressures of this proposed commingled completion.

Note: BTU Data taken from standalone completions in the zone of interest within a 2 mile radius of the well.

A farther radius is used if there is not enough data for a proper statistical analysis.

## San Juan 29-7 Unit 84A Production Allocation

These zones are proposed to be commingled because the application of dual completions impedes the ability to produce the shallow zone without artificial lift and the deeper zones with reduced artificial lift efficiency. All horizons will require artificial lift due to low bottomhole pressure (BHP) and permeability.

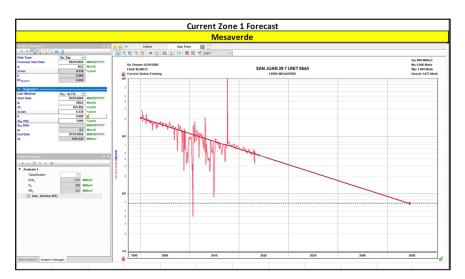
The BHPs of all zones, producing and non-producing, were estimated based upon basin wide Moving-Domain Material Balance models that have proven to approximate the pressure in the given reservoirs well in this portion of the basin, in conjunction with shut-in pressure build-ups. These models were constructed incorporating reservoir dynamics and physics, historic production, and observed pressure data. Historic commingling operations have proven reservoir fluids are compatible.

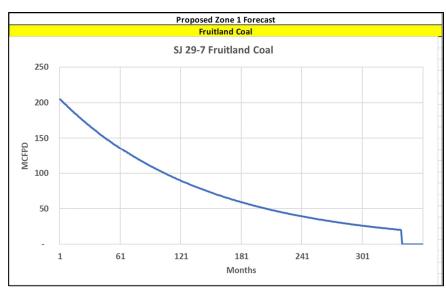
## **Production Allocation Method – Subtraction**

## Gas Allocation:

Production for the downhole commingle will be allocated using the subtraction method in agreement with local agencies. The base formation is the Mesaverde and the added formation to be commingled is the Fruitland Coal. The subtraction method applies an average monthly production forecast to the base formation using historic production. All production from this well exceeding the base formation forecast will be allocated to the new formation.

After 3 years production will stabilize. A production average will be gathered during the 4<sup>th</sup> year and will be utilized to create a fixed percentage-based allocation.

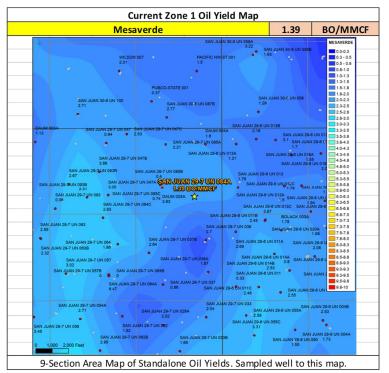


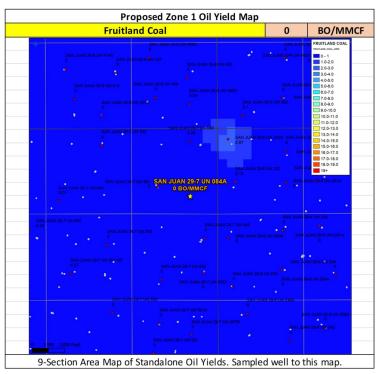


#### **Oil Allocation:**

Oil production will be allocated based on average formation yields from offset wells and will be a fixed rate for 4 years. After 4 years oil will be reevaluated and adjusted as needed based on average formation yields and new fixed gas allocation.

Formation	Yield (bbl/MM)	Remaining Reserves (MMcf)	% Oil Allocation
MV	1.39	221	100%
FRC	0.00	820	0%





## **Supplemental Information:**

Shut in pressures were calculated for operated offset standalone wells in each of the zones being commingled in the well in question via the following process:

- 1) Wells were shut in for 24 hours
- 2) Echometer was used to obtain a fluid level
- 3) Shut in BHP was calculated for the proposed commingled completion

List of wells used to calculate BHPs for the Project:

3003926081	SAN JUAN 29-7 Unit 44B	MV
3003925498	SAN JUAN 29-7 UNIT 300	FC

I believe each of the reservoirs to be continuous and in a similar state of depletion at this well and at each of the wells from which the pressures are being derived.

Water Compatibility in the San Juan Basin

- The San Juan basin has productive siliciclastic reservoirs (Pictured Cliffs, Blanco Mesaverde, Basin Mancos, Basin Dakota, etc.) and a productive coalbed methane reservoir (Basin Fruitland Coal).

- These siliciclastic and coalbed methane reservoirs are commingled extensively throughout the basin in many different combinations with no observed damage from clay swelling due to differing formation waters.

- The samples below all show fresh water with low TDS.

- Data taken from standalone completions in the zone of interest within a 2-mile radius of the well. A farther radius is used if there is not enough data for a proper statistical analysis.

Well Name	API		
SAN JUAN 29-7 UN 084A	3003921914		
FRC Offset	, ,		set (2.55 miles)
API	3003925008	API	3003907681
Property	SAN JUAN 29-7 UNIT 540	Property CationBarium	SAN JUAN 29-7 UNIT 11
CationBarium CationBoron	0		0
CationBoron	102.47	CationBoron CationCalcium	0.24
			0.24
CationIron		CationIron	13.51
CationMagnesium		CationMagnesium	0.07
CationManganese	22.64	CationManganese	0.24
CationPhosphorus		CationPhosphorus	
CationPotassium		CationPotassium	
CationStrontium		CationStrontium	0
CationSodium	501.7	CationSodium	950.72
CationSilica		CationSilica	
CationZinc		CationZinc	
CationAluminum		CationAluminum	
CationCopper		CationCopper	
CationLead		CationLead	
CationLithium		CationLithium	
CationNickel		CationNickel	
CationCobalt		CationCobalt	
CationChromium		CationChromium	
CationSilicon		CationSilicon	
CationMolybdenum		CationMolybdenum	
AnionChloride	663	AnionChloride	1014
AnionCarbonate	100	AnionCarbonate	0
AnionBicarbonate	120	AnionBicarbonate	146.4
AnionBromide		AnionBromide	
AnionFluoride		AnionFluoride	
AnionHydroxyl		AnionHydroxyl	0
AnionNitrate		AnionNitrate	
AnionPhosphate		AnionPhosphate	
AnionSulfate		AnionSulfate	498
phField	6.6	phField	/
phCalculated		phCalculated	
TempField		TempField	54
TempLab		TempLab	
OtherFieldAlkalinity		OtherFieldAlkalinity	
OtherSpecificGravity		OtherSpecificGravity	1
OtherTDS	1811	OtherTDS	2623
OtherCaCO3		OtherCaCO3	
OtherConductivity		OtherConductivity	4098.72
DissolvedCO2		DissolvedCO2	38
DissolvedO2		DissolvedO2	
DissolvedH2S	0	DissolvedH2S	0.85
GasPressure		GasPressure	125
GasCO2		GasCO2	0
GasCO2PP		GasCO2PP	0
GasH2S	0	GasH2S	0
GasH2SPP		GasH2SPP	0
PitzerCaCO3_70		PitzerCaCO3_70	-3.36
PitzerBaSO4_70		PitzerBaSO4_70	-1.16
PitzerCaSO4_70		PitzerCaSO4_70	-3.61
PitzerSrSO4_70		PitzerSrSO4_70	-4.32
PitzerFeCO3_70		PitzerFeCO3_70	0.11
PitzerCaCO3_220		PitzerCaCO3_220	-2.16
PitzerBaSO4_220		PitzerBaSO4_220	-1.82
PitzerCaSO4_220		PitzerCaSO4_220	-3.4
PitzerSrSO4_220		PitzerSrSO4_220	-3.95
PitzerFeCO3_220		PitzerFeCO3_220	1.61

Gas Compatibility in the San Juan Basin

- The San Juan basin has productive siliciclastic reservoirs (Pictured Cliffs, Blanco Mesaverde, Basin Dakota, etc.) and a productive coalbed methane reservoir (Basin Fruitland Coal).

- These siliciclastic and coalbed methane reservoirs are commingled extensively throughout the basin in many different combinations with no observed damage from clay swelling due to differing formation waters or gas composition.

- The samples below all show offset gas analysis varibality by formation is low.

SAN JUAN 29-7 UN 084A         3003921914           FRC Offset (3.1 miles)         MV Offset (2.5 miles)           AssetCode         3003925021         AssetCode         3003907681           AssetName         SAN JUAN 29-7 UNIT 537         AssetName         SAN JUAN 29-7 UN           CO2         0.02         CO2         0           N2         0         N2         0           C1         0.88         C1         0           C2         0.06         C2         0           C3         0.03         C3         0           ISOC4         0.01         ISOC4         0           NC4         0         NC4         0           ISOC5         0         NEOC5         0           NE0C5         0         NEOC5         0           C6         C6         C6         C6           C7         C7         C7         C8           C9         C9         C9         C1	
AssetCode         3003925021         AssetCode         3003907681           AssetName         SAN JUAN 29-7 UNIT 537         AssetName         SAN JUAN 29-7 UN           CO2         0.02         CO2         CO2           N2         0         N2         CO2           C1         0.88         C1         C1           C2         0.06         C2         C2           C3         0.03         C3         C3           ISOC4         0.01         ISOC4         ISOC4           NC4         0         NC4         ISOC5           NC5         0         ISOC5         ISOC5           NEOC5         0         C6         C6           C6         C6         C6         C6           C7         C7         C7         C7           C8         C8         C9         C9         C10	
AssetName         SAN JUAN 29-7 UNIT 537         AssetName         SAN JUAN 29-7 UN           CO2         0.02         CO2         0	
CO2         0.02         CO2           N2         0         N2           C1         0.88         C1           C2         0.06         C2           C3         0.03         C3           ISOC4         0         NC4           NC4         0         NC4           ISOC5         0         ISOC5           NC5         0         NC5           NEOC5         C6         C6           C6         C6         C6           C7         C7         C7           C8         C8         C9           C10         C10         C10	
N2         0         N2           C1         0.88         C1           C2         0.06         C2           C3         0.03         C3           ISOC4         0.01         ISOC4           NC4         0         NC4           ISOC5         0         ISOC5           NC5         0         NC5           NEOC5         C6         C6           C4         C7         C7           C8         C8         C9           C10         C10         C10	IT 11
C1       0.88       C1         C2       0.06       C2         C3       0.03       C3         ISOC4       0.01       ISOC4         NC4       0       NC4         ISOC5       0       ISOC5         NC5       0       NEOC5         C6       C6       C6         C7       C7       C7         C8       C8       C9         C10       C10       C10	0.01
C2         0.06         C2           C3         0.03         C3           ISOC4         0.01         ISOC4           NC4         0         NC4           ISOC5         0         ISOC5           NC5         0         NC5           NEOC5         C6         C6           C6         C6         C7           C7         C7         C7           C8         C8         C9           C10         C10         C10	0
C3       0.03       C3         ISOC4       0.01       ISOC4         NC4       0       NC4         ISOC5       0       ISOC5         NC5       0       NC5         NEOC5       0       NEOC5         C6       C6       C6         C7       C7       C7         C8       C8       C9         C10       C10       C10	0.82
ISOC4         0.01         ISOC4           NC4         0         NC4           ISOC5         0         ISOC5           NC5         0         NC5           NEOC5         C6         C6           C6_PLUS         0         C6_PLUS           C7         C7         C7           C8         C8         C9           C10         C10         C10	0.09
NC4         0         NC4           ISOC5         0         ISOC5           NC5         0         NC5           NEOC5         0         C6           C6         C6         C6           C7         C7         C7           C8         C8         C9           C10         C10         C10	0.04
ISOC5         0         ISOC5           NC5         0         NC5           NEOC5         NEOC5         C6           C6         C6         C6           C7         C7         C7           C8         C8         C9           C10         C10         C10	0.01
NC5         0         NC5           NEOC5         NEOC5         C6           C6         C6         C6           C7         C7         C7           C8         C8         C9           C10         C10         C10	0.01
NEOC5         NEOC5           C6         C6           C6_PLUS         0           C7         C7           C8         C8           C9         C9           C10         C10	0
C6         C6           C6_PLUS         0         C6_PLUS           C7         C7         C7           C8         C8         C9         C9           C10         C10         C10         C10	0
C6_PLUS         0         C6_PLUS           C7         C7         C7           C8         C8         C9           C10         C10         C10	
C6_PLUS         0         C6_PLUS           C7         C7         C7           C8         C8         C9           C10         C10         C10	
C7         C7           C8         C8           C9         C9           C10         C10	0.01
C8         C8           C9         C9           C10         C10	
C9 C9 C10 C10	
C10 C10	
AR AR	
со со	
H2 H2	
02 02	
H20 H20	
H2S 0 H2S	0
HE HE	
C_O_S C_O_S	
CH3SH CH3SH	
C2H5SH C2H5SH	
CH2S3_2CH3S CH2S3_2CH3S	
CH2S CH2S	
С6НV С6НV	
CO2GPM 0 CO2GPM	0
N2GPM 0 N2GPM	0
C1GPM 0 C1GPM	0
C2GPM 1.74 C2GPM	2.38
C3GPM 0.84 C3GPM	1.13
ISOC4GPM 0.17 ISOC4GPM	0.29
NC4GPM 0.12 NC4GPM	0.35
ISOC5GPM 0.04 ISOC5GPM	0.16
NC5GPM 0.02 NC5GPM	
C6_PLUSGPM 0.04 C6_PLUSGPM	0.12

<b>WAFMSS</b> U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Report 07/24/2024
Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 1 / SWSE / 36.750839 / -107.518631	County or Parish/State: RIO ARRIBA / NM
Well Number: 84A	<b>Type of Well:</b> CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078945	<b>Unit or CA Name</b> : SAN JUAN 29-7 UNITMV	Unit or CA Number: NMNM78417A
US Well Number: 3003921914	<b>Operator:</b> HILCORP ENERGY COMPANY	

#### **Notice of Intent**

Sundry ID: 2801796

Type of Submission: Notice of Intent

Date Sundry Submitted: 07/18/2024

Date proposed operation will begin: 08/01/2024

Type of Action: Recompletion Time Sundry Submitted: 01:07

**Procedure Description:** Hilcorp Energy Company requests permission to recomplete the subject well in the Fruitland Coal formation and downhole commingle with the existing Mesaverde/Dakota. 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. \*\*FRC will be on lease, not in the P/A.

Surface Disturbance

Is any additional surface disturbance proposed?: No

**NOI Attachments** 

**Procedure Description** 

San\_Juan\_29\_7\_Unit\_84A\_RC\_NOI\_20240718130653.pdf

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 1 / SWSE / 36.750839 / -107.518631	County or Parish/State: RIO ARRIBA / NM
Well Number: 84A	Type of Well: CONVENTIONAL GAS Well	Allottee or Tribe Name:
Lease Number: NMSF078945	Unit or CA Name: SAN JUAN 29-7 UNITMV	Unit or CA Number: NMNM78417A
US Well Number: 3003921914	<b>Operator:</b> 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

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

epresentative Name	»:	
treet Address:		
ity:		State:
hone:		
mail 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: 07/22/2024

Signed on: JUL 22, 2024 09:25 AM



#### HILCORP ENERGY COMPANY SAN JUAN 29-7 UN 084A RECOMPLETION SUNDRY

Prepared by:	Matthew Esz
Preparation Date:	June 28, 2024

	WELL INFORMATION								
Well Name:	SAN JUAN 29-7 UN 084A	State:	NM						
API #:	3003921914	County:							
Area:	10	Location:							
Route:	1002	Latitude:							
Spud Date:	October 1, 1980	Longitude:							

#### PROJECT DESCRIPTION

Perforate, fracture, and comingle the Fruitland Coal with the existing Mesaverde zone.

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



#### HILCORP ENERGY COMPANY SAN JUAN 29-7 UN 084A RECOMPLETION SUNDRY

JOB PROCEDURES

- 1. MIRU service rig and associated equipment; test BOP.
- 2. TOOH with 2-3/8" tubing set at 5,960'
- 3. Set a 4-1/2" plug at +/- 4,137' to isolate the Mesa Verde.
- 4. Rig up wireline. Pull CBL and verify cement bonding.
- 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 Fruitland Coal from 3,102'-3,387'.
- 8. Nipple down frac stack, nipple up BOP and test.
- 9. TIH with a mill and drill out top isolation plug and  $\ensuremath{\textit{Fruitland Coal}}$  frac plug.
- 10. Clean out to Mesa Verde isolation plug.
- 11. Drill out Mesa Verde isolation plug and cleanout to PBTD of 5,993'. TOOH.
- 12. TIH and land production tubing. Get a commingled Fruitland Coal/Mesa Verde flow rate.

#### HILCORP ENERGY COMPANY SAN JUAN 29-7 UN 084A RECOMPLETION SUNDRY

3,680.4       Intermediate 1, 3,680.52ftKB; 7 in; 6.46 in; 20.00 lb/t; K-55; 12.00-3,680.52 ftKB         4,162.1       2, Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-29 07:32; 4,542.0       4,162.1         4,542.0       1, Hyd Frac-Foam N2; 4,162.00-4,838.00; 2000-02-29 07:32; 0, Hyd Frac-Foam N2; 4,542.00-4,838.00; 2000-02-27 09:54       1, Hyd Frac-Foam N2; 4,162.00-4,878.00; 2000-02-27 09:54         4,770.0       10/10/1985 00:00; 3,506.00-6,008.20 ftKB       10/10/1985 00:00; 3,506.00-6,008.20 ftKB         4,837.9       5,155.00-5,522.00; 1980-12-31; 5155- 55522ttKB on 12/31/1980 00:00 (PERF - CLIFF HOUSE / MENEFEE UPPER); PERF         5,154.9       MESA VERDE (MESA VERDE (final)) 2, Hyd Frac-Other; 5,155.00-5,522.00; 1980- 12-31       1,880- 12-31         5,552.0       5,561.0       -90INT LOOKOUT (POINT LOOKOUT (       5,561.0         POINT LOOKOUT (POINT LOOKOUT (       5,561.0       5,61.0       5,61.0,6, 78, 84; 5611, 16, 21, 35, 40, 45, 51	PI/UWI 003921914		Lahee		AREA		Field Name ELANCO MEBAV		Route 1002		Lipense No.	State/Province NEW MEXICO
MD (#K8)         DL           121         Surface Casing Cernent, Casing, 10111980 000; 12:00:228.01980 100; 12:00:228.411900 100; 12:00:228.411900 100; 18:00:00; 12:00:228.411900 100; 18:00:00; 12:00:228.411900 100; 18:00:00; 18:00:05.880.20 HK8           1,799.9         Surface Zasing Cernent, Casing, 100; 18:00:00; 18:00:05.880.20 HK8           3,665.9         S.350:00FK9, CUT1208.411900 100; 18:00:00; 18:00:05.880.20 HK8           3,664.5         S.350:00FK9, CUT1208.411900 100; 18:00:00; 18:00:05.880.20 HK8           4,162.1         Linemediate 1: 3:880 529HK8; 7 In; 6:46 in 20:00:00; 18:00:00; 28:00; 18:00; 23:00; 28:00; 28:00; 28:00; 18:00; 23:00; 28:00; 28:00; 28:00; 28:00; 28:00; 18:00; 23:00; 28:00; 20:00; 28:00; 28:00; 18:00; 23:00; 28:00; 20:00; 28:00; 28:00; 18:00; 23:00; 29:00; 28:00; 28:00; 29:00; 28:00; 28:00; 29:00; 28:00; 29:00; 28:00; 29:00; 29:00; 29:00; 29:00; 29:00; 29:00; 29:00;			Casing Fla	inge Elevation (	(ft)			KB-Casing Fla	inge Distance (ft)			
Null (IND)         S         Vencil schematic (acluar)           12.1         Surface Casing Correct, Casing, 10/1/1980 0:00: 12:00-228.40 ftKB 0:00: 12:00-228.40 ftKB 0:00: 12:00-228.41 ftKB 0:00: 00: 00: 12:00-228.41 ftKB 0:00: 00: 00: 00: 00: 00: 00: 00: 00: 0	D: 6,008.2					(	Original Hole	VERTICA	sL]			
Surface Casing Cement, Casing, 10/11980 00:00; 12.0-228.40 ftKB         Surface Casing Cement, Casing, 10/11980 00:00; 12.0-228.40 ftKB           1221         Surface Casing Cement, Casing, 10/11980 00:00; 12.0-228.40 ftKB         Surface, 228.41 ftKB; 9.56 in; 8.84 in; 40.00 bit K; 455; 12.02.28.41 ftKB; 9.56 in; 8.84 in; 40.00 bit K; 455; 12.02.28.41 ftKB; 9.56 in; 8.84 in; 40.00 bit K; 455; 12.02.28.41 ftKB; 9.56 in; 8.84 in; 40.00 bit K; 455; 12.02.841 ftKB; 9.56 in; 8.84 in; 40.00 bit K; 455; 12.02.841 ftKB; 9.56 in; 8.84 in; 40.00 bit K; 455; 12.02.841 ftKB; 9.58 in; 8.84 in; 40.00 bit K; 455; 12.03.5805 dtKB; 400 ct; 12.00 ct							Ver	tical schem	atic (actual)			
12.1         Surface Casing Cameric Casing, 10/1/1962           227.4         Surface 228.4 1fbR3 6 2/8 in: 8.34 in: 40.00 bb/t. K-55, 12.01-228.4 1 tb/ts           1.769.9         Intermediate Casing Commit, Casing, 10/0/1960           1.769.9         Intermediate Casing Commit, Casing, 10/0/1960           3.560.618         SURface, 228.4 1fbR3, 6 2/8 in: 8.34 in: 40.00 bb/t. K-55, 12.00-3,860.50 fb/k           3.560.618         SURface, 228.4 1fbR3, 6 2/8 in: 8.34 in: 40.00 bb/t. K-55, 12.00-3,860.50 fb/k           3.560.618         SURface, 228.4 1fbR3, 7 in: 6 46 in: 20.00 Jb/t. K-55, 12.00-3,860.52 fb/kB           3.680.4         Intermediate 1, 3,680.52 fb/kB, 7 in: 6 46 in: 20.00 Jb/t. K-55, 12.00-3,860.52 fb/kB           3.680.4         Intermediate 1, 3,680.52 fb/kB, 7 in: 6 46 in: 20.00 Jb/t. K-55, 12.00-3,860.52 fb/kB           4.452.00 -4.880.00 Jb/t. K-55, 12.00-3,680.52 fb/kB         Intermediate 1, 3,680.52 fb/kB           4.452.00 -4.880.00 Jb/t. K-55, 12.00-3,680.52 fb/kB         Intermediate 1, 3,680.52 fb/kB           4.770.0         Production Casing Cement, Casing, 10/0/19/kB color 2,270.03 fb/kB           1.1 Hyd Frac-Cham N2, 4 1/k2,00-4,880.00         Jb/k - 452, 522, 442, 443.584, 452, 452, 452, 452, 452, 452, 452, 45		242										
227.4         Surface Casing Cement, Casing, 10/11/800 00.0; 2:00-224.01 MRB 00.0; 12:00-224.01 MRB 00.0; 12:00-224.01 MRB 1/2000 bbt, 4:55; 12:01-224.11 MRB 1/2000 bbt, 4:55; 12:01-224.11 MRB 1/2000 bbt, 4:55; 12:01-224.11 MRB 1/2000 bbt, 4:55; 12:01-226.11 MRB 1/2000 bbt, 4:55; 12:01-226.11 MRB 1/2000 bbt, 4:55; 12:01-226.11 MRB 1/2000 bbt, 4:55; 12:00-3;880.50 MRB 3/561.1           1.799.9         Intermediate Casing Cement, Casing, 1/06/1990 00:00; 1:800 00;880.50 MRB 3/566.0           3.566.0         Intermediate 1:3,880.52 MRB; 7 in; 6:46 in; 2:00 bbt, 4:55; 12:00-3;880.52 MRB 4:822.0           1. Hyd Frae-Ceam N2: 4:162 00-4770 00; 2:00 bbt, 4:55; 12:00-3;880.52 MRB 4:522.0           1. Hyd Frae-Ceam N2: 4:162 00-4770 00; 2:00 cbc, 2:70 03; 4:522.00           1. Hyd Frae-Ceam N2: 4:162 00-4770 00; 2:00 cbc, 2:70 03; 4:522.00           1. Hyd Frae-Ceam N2: 4:162 00-4770 00; 2:00 cbc, 2:70 00; 4:530 00; 2:27 00; 3:00 00; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0; 0;		-	al pui des facils - Dark adam sera (D	all a track of the local division of the loc	at String Chapter	ann an thur an at different at the	and in the second s	a la fair a	Sector Street Street	angilia Ballamia at	Ala an eiter al that at the state	dig i Kalakan an Dach a Rahadalah ( in sebia serang Bart)
228.3         Surface, 228.4 ftKB, 9 5 8 in; 8 84 in; 40 00 bbt; K-55; 12.01-224.4 ftKB, 3.605.9         Linemediate Casing Coment, Casing, 106/1980 00:00:1800 00:03 880 50 ftKB, 3.506.0 ftKB, 5017/53445 41/27 FKDD LINER TOP @ 3500           3.506.0         3.506.0 ftKB, 5017/63445 41/27 FKDD LINER TOP @ 3500         2-1; 2 3/8in, Tubing; 2 3/8; 200; 4.70; J-55; 12.00-5,990,602.27; 4162; 12.00-5,990,602.27; 4162; 14.402; 12.20,04,880,00; 200,602.27; 4162; 4.542,00; 18:50,005,502.00; 1980,-12.31; 5155; 5522/KB on Lizzer Commerc, Casing, 10/10/1985 00:00; 3.506,004,008.20; 1980, 12.30           4.837.9         MESA VERDE (MESA VERDE (fmail)) 2. Hyd Frac-Other; 5, 1551,005,592.00; 1980, 12.30           5.522.0         Poduction Casing Cement, Casing, 12.31           5.522.0         14.94 Frac-Other; 5, 1551,005,592.00; 1980, 12.30           5.527.85         198,005,302,802; 1980,102,31; 5155, 005,51,60; 78, 84; 5611,116, 21, 35, 40, 45, 51 56, 61, 66, 57, 52, 5812, 305, 5812, 400; 1980, 12.30           5.527.85         199,012,123,1515, 12.30           5.527.85         198,005,302,802; 1980,102,11; 12.31           5.527.85         198,005,5722; 001, 300,43,503           5.527.85         199,012,123,1515,503,595,100; 1980,123,1515,503,595,100; 1980,123,153,150,233,595,100; 1980,123,153,150,233,595,100; 1980,123,153,150,233,595,100; 1230,123,123,155,123,155,100; 1230,123,123,155,123,155,100; 1980,123,1150,203,255,123,155,123,155			Surface Ca									
1799.9         Intermediate Casing Cement, Casing, 10/07/1985 00:000-3-880 56 MKB           1799.9         Intermediate Casing Cement, Casing, 10/07/1985 00:000, 12/000-3-880 56 MKB           1799.9         Intermediate Casing Cement, Casing, 10/07/1985 00:00, 247 64 56 17.2           1799.9         Intermediate 1, 3 680 52/0KB; 7 In; 6 46 In; 2000 00; 00 10/07 10/07/1985 00:00, 00 10/07 147           1799.9         Intermediate 1, 3 680 52/0KB; 7 In; 6 46 In; 2000 00; 00 10/07 147           1799.9         Intermediate 1, 3 680 52/0KB; 7 In; 6 46 In; 2000 00; 00 10/07 147           1799.9         Intermediate 1, 3 680 52/0KB; 7 In; 6 46 In; 2000 00; 00 10/07 147           1700         11/07 13/07 147           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           1700         2000 10/07 1487           170100         2000 10/07 1487 <t< td=""><td>227.4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	227.4											
3.565.9         2-1:2 3/line	228.3		Surface, 22									
3.505.9       3.506.0ftKB, <	1,799.9						>	8	235			
3,516.1         3,594.5         3,680.4         1          1	3,505.9				mStart>	, 4-1/2" PROD		21	m			
3.679.5         3.680.4         Intermediate1, 3,680.52tKB; 7 in; 6.46 in; 2000 lbf; K-55; 12.00-3,680.52 tKB         4.162.1         2. Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-29 (7:32)         4.542.0         1, Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-29 (7:32)         2, Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-29 (7:32)         2, Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-29 (7:32)         1, Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-27; 4542         4,770.0         1, Hyd Frac-Cher, E, IS56,00-6,008.20 fKB         5,522.00; 1980-00.00; 6100-10; 5552.00; 1980-10; 555,522.00; 1980-10; 555,522.00; 1980-10; 5561.00-5,956.00; 1980-10; 5561.00-5,956.00; 1980-12; 50; 5561.00-5,956.00; 1980-12; 50; 5586.00; 1980-13; 50; 572,958.00; 1980-12; 50;	3,516.1							IG .	2			
3.679.5       4770fKB on 2/27/2000 00:00 (PEFF - LEWIS         3.680.4       Intermediate1, 3.680.52fKB; 7 in; 6.46 in; 2000 lb/ft; K-55; 12.00-3.680.52 fKB         4.162.1       2. Hyd Frac-Foam N2; 4,162.00-4.770.00; 2000-02-22; 4432         4.162.1       2. Hyd Frac-Foam N2; 4,162.00-4.770.00; 2000-02-22; 4432         4.542.0       1. Hyd Frac-Foam N2; 4,162.00-4.770.00; 2000-02-27; 4432         4.770.0       Production Casing Cement, Casing, 2000-02-27; 09:54         4.770.0       Production Casing Cement, Casing, 10/10/195500-6; 008:20 fKB         5.154.9       MESA VERDE (Imai))         2. Hyd Frac-Other; 5, 155.00-5; 02:00; 1880-12:31; 5155         5.2200       5.155.00-5; 986.00         5.154.9       MESA VERDE (Imai))         2. Hyd Frac-Other; 5, 155.00-5; 02:00; 1880-12:30; 5861-12:30         5.561.0       1, Hyd Frac-Other; 5, 561.00-5; 956.00; 1980-12:30; 5861-12:30; 5861.00-3; 986.00; 1980-12:30; 5861-12:30; 5861.00-3; 986.00; 1980-12:30; 5861-12:30; 5861.00-3; 986.00; 1980-12:30; 5861-12:30; 5861.00-5; 986.00; 1980-12:30; 5861.95; 5922; 23:81; 20:2, 470; 345; 55; 5922; 23:81; 70:31; 812; 20:2, 470; 345; 55; 5928; 28:2, 70; 31:42; 70:40; 70:470; 34:55; 5928; 28:2, 70; 31:42; 70:40; 70:3, 75; 593.00; 788.98; 44:41; 74; 70; 70; 70; 74         POINT LOOKOUT (POINT LOOKOUT (       5968.00; 1980-12:30; 596:00; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 596:0; 1980-12:30; 1980	3,594.5									1	4 162 00 4 770 0	2000 02 27 4162
3,880.4       Intermediate1, 3,880.521KB; 7 in; 6.46 in; 20.00 lb/lt; K-55; 12.00.3,880.52 ftKB         4,162.1       2, Hyd Frac-Foam N2; 4,182.00-4,770.00; 2000-02-27; 09:54         4,542.0       1, Hyd Frac-Foam N2; 4,452.00-4,770.00; 2000-02-27; 09:54         4,542.0       1, Hyd Frac-Foam N2; 4,542.00-4,770.00; 2000-02-27; 09:54         4,770.0       Production Casing Cement, Casing, 10/10/1985 00:00; 3,506.00-6,008.20 ftKB         4,770.0       Production Casing Cement, Casing, 10/10/1985 00:00; 3,506.00-6,008.20 ftKB         5,154.9       MESA VERDE (MESA VERDE (final))         2, Hyd Frac-Other; 5,155.00-5,522.00; 1980-12-31; 5185.         5,522.0       5,551.00-5,956.00; 1980-12-31; 5185.         5,561.0       1, Hyd Frac-Other; 5,155.00-5,522.00; 1980-12-31; 5185.         5,661.0       -POINT LOOKOUT (POINT LOOKOUT (         POINT LOOKOUT (POINT LOOKOUT (         POINT LOOKOUT (POINT LOOKOUT (         POINT LOOKOUT (POINT LOOKOUT (         5,895.6         5,927.2         5,928.1         5,929.6         5,929.6         5,929.6         5,929.6         5,929.6         5,929.6         5,929.6         5,929.6         5,929.7         5,926.0         1, Hyd Frac-Other; 5,561.00-5,956.00; 1	3,679.5										4770ftKB on 2/27	/2000 00:00 (PERF - LEW
4,162.1 2, Hyd Frac-Foam N2; 4,162.00-4,770.00; 2000-02-20 07:32 1, Hyd Frac-Foam N2; 4,542.00-4,838.00; 2000-02-27 09:54 2000-02-27 09:54 2000-02-27 09:54 Production Casing Cement, Casing, 10/10/1985 00:00; 3,506.00-6,008.20 12-31 5,551.0 5,952.1 5,952.1 5,952.1 5,955.0 5,957.2 5,959.6 5,977.4 5,977.4 Production Casing Cement, Casing, 10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftKB Production Casing Cement, Casing, 10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftKB	3,680.4									-	4191 - 4201; 426; 4760 - 70 (1 SPF	2 - 72; 4329 - 39; 4404 - 14 ; 60 HOLES)
4,34.0       1, Hyd Prac-toalin Xe, 330:00       402:02-37:09:54         4,770.0       Production Casing Cement, Casing, 10/10/1985 00:00; 3,506.00-6,008.20 ftkB       4428 - 38 (1 SPF; 60 HOLES)         4,837.9       10/10/1985 00:00; 3,506.00-6,008.20 ftkB       5,155.00-5,522.00; 1980-12-31; 5155- 5522tkB an 12/31/1980 00:00 (PEFF - CLIFF HOUSE / MENEFEE UPPER); PERF         5,154.9       MESA VERDE (MESA VERDE (final))       25,49,53,67,78,93; 5326,34, 49; 5430,41         5,522.0       12-31       5,551.00-5,956.00; 1980-12-30; 5561- 595610         5,561.0       POINT LOOKOUT (POINT LOOKOUT (       POINT LOOKOUT (POINT LOOKOUT (         5,895.7       1, Hyd Frac-Other; 5,561.00-5,956.00; 1980- 12-30       1980- 12-30         5,895.60       1, Hyd Frac-Other; 5,561.00-5,956.00; 1980- 12-30       1980- 12-30         5,927.2       2,32,30in, Tubing; 2,3/8; 2,00; 4,70; J-55; 5,928.28; 1.09         5,928.1       2,32,30in, Tubing; 2,3/8; 2,00; 4,70; J-55; 5,928.28; 1.09         5,939.1       10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftkB         5,993.1       10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftkB         6,007.2       Production Casing Cement, Casing, 10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftkB	4,162.1		0.000.0000.00		20	00-02-29 07:32				1	4838ftKB on 2/25 LOWER); PERF I	2000 00:00 (PERF - LEW LOWER LEWIS 4542 - 52;
4.770.0       Production Casing Cement, Casing, 10/10/1985 00:00; 3,506.00-6,008.20 ftKB       BLANCC::MESAVERDE, Original Hole; 5,155.00-5,522.00; 1980-12.31; 5155- 5522ftKB on 12/31/1980.00:00 (PERF - CLIFF HOUSE / MENEFEE UPPER); PERF 5,561.0         5,522.0       MESA VERDE (MESA VERDE (final)) 2, Hyd Frac-Other; 5,155.00-5,522.00; 1980- 12.31       CLIFF HOUSE / MENEFEE UPPER); PERF 5,561.00         5,522.0       12.31       5,561.00-5,956.00; 1980-12.30; 5561- 55661.00         5,561.0       POINT LOOKOUT (POINT LOOKOUT ( 1, Hyd Frac-Other; 5,561.00-5,956.00; 1980- 12.30       5,561.00-5,952.00; 4,70; J-55; 5,957.2         5,927.2       5,927.2         5,926.0       12.30         5,927.4       5,956.0         5,937.4       Production Casing Cement, Casing, 10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftKB         5,937.4       Production Casing Cement, Casing, 10/10/1985 00:00 (plug); 5,993.00-6,008.20 ftKB	4,542.0		1, Hyd Fr	rac-Foam N							4828 - 38 (1 SPF	60 HOLES)
4,837.9       5,155.00-5,522.00; 1980-12-31; 5155-5522KB on 12/31/1980 00:00 (PERF - CLIFF HOUSE / MENEFEE UPPER); PERF         5,154.9       MESA VERDE (MESA VERDE (final))       2, Hyd Frac-Other; 5,155.00-5,522.00; 1980- 12-31       25, 49, 53, 67, 78, 93; 5326, 34, 49, 5430, 4*         5,522.0       12-31       5, 561.00-5,552.00; 1980- 12-31       25, 49, 650, 1980-12-30; 5561.         5,661.0       POINT LOOKOUT (POINT LOOKOUT (       5, 561.00-5,952.00; 1980- 12-30       5, 561.00-5,952.00; 1980- 12-30         5,895.7       1, Hyd Frac-Other; 5,561.00-5,956.00; 1980- 12-30       1, Hyd Frac-Other; 5,561.00-5,956.00; 1980- 12-30       561. 66, 95; 5752; 5813, 20, 28, 62, 68, 94         5,927.2       5,895.69       522.71; 31.50       2-2; 2; 3/8in, Tubing; 2: 3/8; 5,927.19- 5,928.28; 1.09         5,956.0       2-2; 2; 3/8in, Tubing; 2: 3/8; 5,927.19- 5,928.28; 1.09       2-4; 2: 3/8in, Seating Nipple; 2: 3/8; 5,927.19- 5,928.28; 1.09         5,957.4       Production Casing Cement, Casing, 5,937.4       2-4; 2: 3/8in, Tubing; 2: 3/8; 2.00; 4.70; J-55; 5,928.28-5,959.70; 31.42         5,939.1       10/10/1985 00:00 (plug); 5,993.00-6,008.20       rtyp> (PBTD); 5,993.00         6,007.2       Production1, 6,008.23ft/KB; 4: 1/2 in; 4.05 in;       17; 4.05 in;	4,770.0				asing C	ement, Casing,		1998 1998	100			
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	6,007.2											
	6,008.2											

#### HILCORP ENERGY COMPANY SAN JUAN 29-7 UN 084A RECOMPLETION SUNDRY

003921914		Lahee	Area AREA 10	Field Name		ute 002	License No.	StateProvince NEW MEXICO
ound Elevation 489.00	(#)	Casing Flange	e Elevation (tt) RKB to GL (tt) 12.00		KB-Casing Flang		Original Spud Date 10/1/1980 00:00	Rig Release Date 3/3/2000 19:00
D: 6,008	2			Original Ho	e [VERTICAL]	0		0.0.2000 10.00
	DL			And the second second		n Satel o u		
MD (ftKB)	S			Ve	rtical schemat	c (actual)		
	DL							
12.1	-	Surface Casi	ng Cement, Casing, 10/1/19	80 Weeks	inside America (Administra	all balance in the same	al and the Real and the Real and the Real Property in the Real Prope Property in the Real Property in the Real Pro	
227.4		0011000 0001	00:00; 12.00-228.40 ft					
221.4		100 - 00 - 10 - 00						
228.3		Surface, 228.	41ftKB; 9 5/8 in; 8.84 in; 40. lb/ft; K-55; 12.01-228.41 ft					
1,799.9		Interme	diate Casing Cement, Casi	00				
19979-00		10/6/1980	00:00; 1,800.00-3,680.50 ft	KB \	▶	-		ng; 2 3/8; 2.00; 4.70; J-55;
3,505.9		3,506.000	B, <dttmstart>, 4-1/2" PRO LINER TOP @ 35</dttmstart>		ສສາ	Ma St	12.00-5,895.69; 5	,883.69
3.516.1						B		
5,510.1								
3,594.5								
3,679.5								); 2000-02-27; 4162- /2000 00:00 (PERF - LEWIS
							UPPER); PERF U	IPPER LEWIS 4162 - 72;
3,680.4			e1, 3,680.52ftKB; 7 in; 6.46 b/ft; K-55; 12.00-3,680.52 ft				4191 - 4201; 4262 4760 - 70 (1 SPF;	2 - 72; 4329 - 39; 4404 - 14; 60 HOLES)
4,162.1							4,542.00-4,838.00	); 2000-02-25; 4542-
4,102.1		2, Hyd Frad	-Foam N2; 4,162.00-4,770. 2000-02-29 07			AND N	LOWER); PERF I	2000 00:00 (PERF - LEWIS OWER LEWIS 4542 - 52;
4,542.0		1, Hyd Frac	-Foam N2; 4,542.00-4,838. 2000-02-27 09				4602 - 12; 4637 - 4828 - 38 (1 SPF;	47; 4710 - 20; 4788 - 98; 60 HOLES)
4,770.0		Produ	uction Casing Cement, Casi			100	BLANCO::MESA	/ERDE, Original Hole;
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4,837.9						- 122 M		1/1980 00:00 (PERF - MENEFEE UPPER); PERF
5,154.9		MESAVEDDE	(MESA VERDE (final))				CH/MENEFEE 51	55, 60, 94; 5207, 14, 21,
5,154.9			ther; 5,155.00-5,522.00; 19			M	25, 49, 53, 67, 78 83; 5511, 22 (1 S	, 93; 5326, 34, 49; 5430, 41, PZ)
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E 504.0		-POINT LOOK	UT (POINT LOOKOUT (				POINT LOOKOU	T); PERF PT LOOKOUT
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5,895.7			12-	30	30	100	5956 (1 SPZ)	ng: 2 3/8; 2.00; 4.70; J-55;
						1	5,895.69-5,927.19	
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5,928.1							5,928.28; 1.09	-
E 050 5						100	2-4; 2 3/8in, Tubir 5,928.28-5,959.70	ng; 2 3/8; 2.00; 4.70; J-55; ); 31.42
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						and the second		
5,977.4		Dead	uction Casing Cement, Casi					
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6,008.2			6,008.23ftKB; 4 1/2 in; 4.05 ; K-55; 3,506.03-6,008.23 ft					
		10.50 10/11	1-33, 3,300.03-0,008.23 R					
		·						

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

Page 16 of 27

Permit 263157

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

	3. Pool Name
71629	BASIN FRUITLAND COAL (GAS)
. Property Name	6. Well No.
SAN JUAN 29 7 UNIT	084A
. Operator Name	9. Elevation
HILCORP ENERGY COMPANY	6489
•	71629 Property Name SAN JUAN 29 7 UNIT Operator Name

#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
0	1	29N	07W		1120	S	1680	E	RIO	
									ARRIBA	

	11. Bottom Hole Location If Different From Surface									
1	JL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
		000001	rownomp	Rango	Lot Idii	1 001110111		1 COLLINGIN		obunty
1	2. Dedicated A	cres		13. Joint or Inf	ill	14. Consolidation	on Code		15. Order No.	
	319.	.52								

#### 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         Title:       Operations/Regulatory Tech-Sr.         Date:       02/01/2019
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: FRED B. KERR, JR. Date of Survey: 9/1/1978
Certificate Number: 3950

Ree	eived	bv	OCD:	7/30/2024	2:02:55 PM
1100					

	E		nte of New Mex and Natural Reso		nt		Submi Via E-	Electronically
		1220	Conservation Di South St. Franc nta Fe, NM 875	cis Dr.				
This Natural Gas Manag		ust be submitted v		ion for Permit to E		PD) for a n	iew or r	ecompleted well.
			<u>1 1 – Plan De</u> Effective May 25,					
I. Operator: <u>Hilcorp E</u>	nergy Compan	у	OGRID:	372171		Date: _	07 / 18	/2024
II. Type: 🗵 Original 🛛	Amendment	due to □ 19.15.2′	7.9.D(6)(a) NMAC	C 🗆 19.15.27.9.D(	6)(b) N	IMAC 🗆 C	)ther.	
If Other, please describe	:							
<b>III. Well(s):</b> Provide the be recompleted from a s					vells pr	oposed to	be drill	ed or proposed to
Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D		cipated MCF/D		Inticipated duced Water BBL/D
San Juan 29-7 Unit 84A	3003921914	O-1-29N-07W	1120' FSL, 1680' FE	L 0 bbl/d	205	mcf/d		5 bbl/d
IV. Central Delivery P V. Anticipated Schedul proposed to be recomple	le: Provide the	following inform	ation for each new	or recompleted w	ell or s			9(D)(1) NMAC] ed to be drilled of
Well Name	API	Spud Date	TD Reached Date	Completion Commencement	Date	Initial F Back D		First Production Date
San Juan 29-7 Unit 84A	3003921914							<u>2024</u>
VI. Separation Equipn VII. Operational Prac Subsection A through F	tices: 🗵 Attac	h a complete des		-				• •
VIII. Best Managemer during active and planne			ete description of	Operator's best m	anager	nent practi	ces to 1	ninimize venting

## 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.**  $\Box$  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  $\Box$  will  $\Box$  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  $\Box$  does  $\Box$  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:**  $\Box$  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.

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

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

 $\boxtimes$  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.** □ 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:	Cherylene Weston
Printed Name:	Cherylene Weston
Title:	Operations/Regulatory Tech-Sr.
E-mail Address:	cweston@hilcorp.com
Date:	7/18/2024
Phone:	713-289-2615
	OIL CONSERVATION DIVISION
	(Only applicable when submitted as a standalone form)
Approved By:	
Title:	
Approval Date:	
Conditions of Aj	pproval:

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 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.

## STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

# APPLICATION FOR DOWNHOLE COMMINGLINGSUBMITTED BY HILCORP ENERGY COMPANYORDER NO. DHC-5465

## <u>ORDER</u>

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the Engineering Bureau, issues the following Order.

## FINDINGS OF FACT

- 1. Hilcorp Energy Company ("Applicant") submitted a complete application ("Application") to downhole commingle the pools described in Exhibit A ("the Pools") within the well bore of the well identified in Exhibit A ("the Well").
- 2. Applicant proposed a method to allocate the oil and gas production from the Well to each of the Pools that is satisfactory to the OCD and protective of correlative rights.
- 3. Applicant has certified that all produced fluids from all the Pools are compatible with each other.
- 4. Applicant has certified that downhole commingling the Pools will not decrease the value of the oil and gas production.
- 5. An exception to the notification requirements within 19.15.12.11(C)(1)(b) NMAC was granted by the Division within Order R 10697.
- 6. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.

## **CONCLUSIONS OF LAW**

- 7. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-6, 70-2-11, 70-2-12, 70-2-16, 70-2-17, and 19.15.12 NMAC.
- 8. The downhole commingling of the Pools is common, or Applicant has provided evidence that the fluids are compatible and will not damage the Pools in accordance with 19.15.12.11(A)(1) NMAC.
- 9. The bottom perforation of the lower zone is within one hundred fifty percent (150%) of the depth of the top perforation in the upper zone or Applicant has provided evidence that the proposed commingling of the Pools shall not result in shut-in or flowing well bore pressure in excess of the commingled pool's fracture parting pressure in accordance with 19.15.12.11(A)(3) NMAC.

Order No. DHC-5465

- 10. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.11(A)(8) NMAC.
- 11. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

## <u>ORDER</u>

- 1. Applicant is authorized to downhole commingle the Pools described in Exhibit A within the well bore of the well identified in Exhibit A.
- 2. Applicant shall allocate a fixed percentage of the oil production from the Well to each of the Pools until a different plan to allocate oil production is approved by OCD. Of the oil production from the Well:
  - a. zero percent (0.0%) shall be allocated to the Basin Fruitland Coal pool (pool ID: 71629); and
  - b. one hundred percent (100%) shall be allocated to the Blanco Mesaverde pool (pool ID: 72319).

Applicant shall allocate gas production to the new pool(s) equal to the total gas production from the Well minus the projected gas production from the current pool(s) until a different plan to allocate gas production is approved by OCD. The new pool(s) are:

a. the Basin Fruitland Coal pool (pool ID: 71629)

The current pool(s) are:

a. the Blanco Mesaverde pool (pool ID: 72319)

Applicant shall calculate the oil and gas production average during the fourth year after the commencement of commingling, which shall be used to establish a fixed percentage of the total oil and gas production that shall be allocated to each of the Pools ("fixed percentage allocation plan"). No later than ninety (90) days after the fourth year, Applicant shall submit a Form C-103 to the OCD Engineering Bureau that includes the fixed percentage allocation plan and all data used to determine it. If Applicant fails to do so, this Order shall terminate on the following day. If OCD denies the fixed percentage allocation plan, this Order shall terminate or without modifications, then the approved percentage allocation plan shall be used to determine oil and gas allocation starting on the date of such action until the Well is plugged and abandoned.

3. If an alteration is made to the Well or a condition within the Well changes which may cause the allocation of production to the Pools as approved within this Order to become inaccurate, then no later than sixty (60) days after that event, Applicant shall submit Form C-103 to the OCD Engineering Bureau describing the event and include a revised allocation plan. If OCD denies the revised allocation plan, this Order shall terminate on the date of such action.

- 4. If any of the pools being commingled is prorated, or the Well's production has been restricted by an OCD order in any manner, the allocated production from each producing pool in the commingled well bore shall not exceed the top oil or gas allowable rate for a well in that pool or rate restriction applicable to the well.
- 5. If the Well is deepened, then no later than forty-five (45) days after the Well is deepened, Applicant shall conduct and provide logs to OCD that are sufficient for OCD to determine which pool(s) each new completed interval of the Well will produce from.
- 6. If the downhole commingling of the Pools reduces the value of the oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new downhole commingling application to OCD to amend this Order to remove the pool that caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
- 7. If a completed interval of the Well is altered from what is submitted within the Application as identified in Exhibit A, then no later than sixty (60) days after the alteration, Applicant shall submit Form C-103 to the OCD Engineering Bureau detailing the alteration and completed interval.
- 8. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
- 9. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

DATE: 2/26/2025

GERASIMOS RAZATOS DIRECTOR (ACTING)

## State of New Mexico Energy, Minerals and Natural Resources Department

	Exhibit A	A Contraction of the second seco	
	Order: DHC - 5465		
	<b>Operator: Hilcorp Opera</b>	ting Company	
	Well Name: San Juan 29 7	Unit Well No. 84A	
	Well API: 30-039-21614		
	Pool Name: Basin Fruitland	d Coal	
Linner Zene	Pool ID: 71629	Current:	New: X
Upper Zone	Allocation: Fixed	Oil: 0.0%	Gas: SUB
		Top: 3,102	Bottom: 3,38
	Pool Name:		
Intermediate Zone	Pool ID:	Current:	New:
Intermediate zone	Allocation:	Oil:	Gas:
		Тор:	Bottom:
Bottom of Inter	val within 150% of Upper Zone	s Top of Interval:	
	Pool Name: Blanco-Mesav	erde	
Lower Zono	Pool ID: 72319	Current: X	New:
Lower Zone	Allocation:	Oil: 100.0%	Gas: SUB
		Top: 4,162	Bottom: 5,950
Bottom of Inter	val within 150% of Upper Zone	s Top of Interval: NO	
Top of Q	ueen Formation:		

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

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	368545
	Action Type:
	[C-107] Down Hole Commingle (C-107A)

#### CONDITIONS

Created By	Condition	Condition Date
llowe	None	2/25/2025

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