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

APPLICATION FOR DOWNHOLE COMMINGLINGSUBMITTED BY HILCORP ENERGY COMPANYORDER NO. DHC-5502

<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. To the extent that ownership is diverse, Applicant identified all owners of interest in the Pools, provided evidence a copy of the Application was given to each person, and those persons either submitted a written waiver or did not file an objection to the Application.
- 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-5502

- 10. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.11(A)(8) NMAC.
- 11. To the extent that ownership is diverse, Applicant identified all owners of interest in the Pools and provided evidence the application was given to those persons in accordance with 19.15.12.11(C)(1)(b) NMAC.
- 12. 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. This Order supersedes Order DHC-2559.
- 3. Applicant shall allocate oil and gas production to the new pool(s) equal to the total oil and gas production from the Well minus the projected oil and gas production from the current pool(s) as described in Exhibit A until a different plan to allocate oil and gas production is approved by OCD.

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.

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.

- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.

Order No. DHC-5502

- 9. 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).
- 10. 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

loca

DATE: 6-12-2025

GERASIMOS RAZATOS DIRECTOR (ACTING)

State of New Mexico					
Energy, Minerals and Natural Resources Departm	ent				

	Exhibit A			
	Order: DHC-5502			
	Operator: Hilcorp Energy Co	ompany		
	Well Name: State Well No. 4E			
	Well API: 30-045-29781			
	Pool Name: Basin Fruitland C	oal		
Linner Zene	Pool ID: 71629	Current:	New: X	
Upper Zone	Allocation: Subtraction	Oil: 0.0%	Gas: SUBT	
		Top: 2,192	Bottom: 2,406	
	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 T	op of Interval:		
	Pool Name: Blanco Mesaverd	e		
Lower Zone	Pool ID: 72319	Current: X	New:	
Lower Zone	Allocation: Subtraction	Oil: 100.0%	Gas: SUB1	
		Top: 4,046	Bottom: 4,706	
Bottom of Inter	val within 150% of Upper Zone's T	op of Interval: NO		
Top of Q	ueen Formation:			

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ceived by OCD: 10/2/2024 12:0				Page Revised March 23, 2017
ID NO. 389279	D	HC - 5502		Revised March 25, 2017
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	T IS MANDATORY FOR A	RATIVE APPLICATION ALL ADMINISTRATIVE APPLICA REQUIRE PROCESSING AT THE	TIONS FOR EXCEPTION	ns to division rules and
Applicant: Hilcorp Energy	y Company			GRID Number: <u>372171</u>
Well Name: <u>State 4E</u> Pool: Basin Fruitland Coal / I				: 30-045-29781 DI Code: 71629, 72319
· · · ·				
□NSL B. Check one only [I] Comminglir ■ DHC [II] Injection –	cing Unit – Simu NSP ₍ y for [1] or [11] ng – Storage – N CTB [F Disposal – Press	Itaneous Dedication PROJECT AREA) DNS Measurement PLC PC O ure Increase – Enha	n P _(proration unit) [pLS DLM anced Oil Reco	□SD overy
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2) NOTIFICATION REQU A. ☐ Offset opera		11.5		Notice Complete
 B. Royalty, ove C. Application D. Notification E. Notification F. Surface owr 	erriding royalty c requires publish and/or concurr and/or concurr ner above, proof c	wners, revenue ow	O M	Application Content Complete
3) CERTIFICATION: I her administrative appro- understand that no a notifications are sub	oval is accurate action will be ta	and complete to the term on this application of the term of	he best of my k	
Note: State	ement must be compl	eted by an individual with	managerial and/or	supervisory capacity.
			9/25/2024	

Date

713-289-2614

Phone Number

Cherylene Weston

Signature

Cherylene Weston Print or Type Name

> cweston@hilcorp.com e-mail Address

Received by OCD: 10/2/2024 12:05:40 PM

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

APPLICATION TYPE Single Well Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u>Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

382 Road 3100, Aztec, NM 87410

Hilcorp Energy Company

Address

Operator STATE 4F D-32-T29N-R08W SAN JUAN, NM Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 372171 Property Code 318437 API No. 30-045-29781 Lease Type: Federal X 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)	2192' - 2406'		4046' - 4706'
Method of Production (Flowing or Artificial Lift)	NEW ZONE		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)	86 psi		112 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1106 BTU		1281 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: 7/1/2024 Rates: Oil - 0 bbl Gas - 710 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 % 9	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 YesX		No <u>X</u> No
Are all produced fluids from all commingled zones compatible with each other?	Yes_X	1	No
Will commingling decrease the value of production?	Yes	1	No_X
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 <u>X</u>	1	No
NMOCD Deference Case No. applicable to this well.			

NMOCD Reference Case No. applicable to this well:

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	7 that t	he info	ormation	ahove	is true	and	comn	lete to	the	hest (of my	knowled	lae and	1 heli	еf
1 nereby	contin	y mai i	ne mn	Jimation	above	15 ti uc	anu	comp.		une	UCSI (JI III Y	KIIOWICC	ige and	1 UCII	UI.

SIGNATURE Cherylene Weston	TITLE Operations/Regulatory Tech-Sr. DATE 9/25/2024	
TYPE OR PRINT NAME Cherylene Weston	TELEPHONE NO. (713) 289-2615	

E-MAIL ADDRESS_ cweston@hilcorp.com

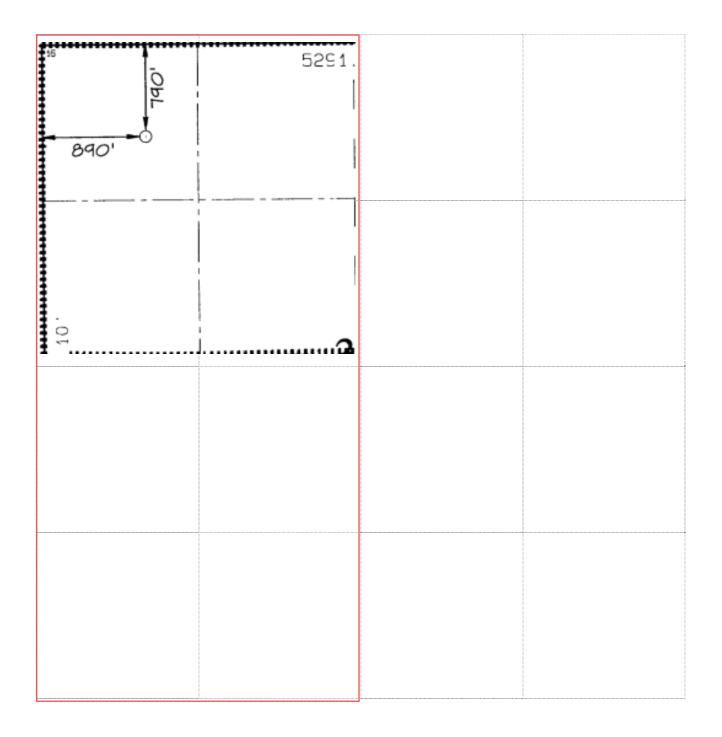
C-102 State of New Submit Electronically Submit Electronically					al Resources Depar	urces Department			Revised July 9, 2024		
Via OCD Permitting				CONSERVIT			0.1	🛛 Initial Su	ıbmittal		
							Submittal Type:	□ Amendee	d Report		
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WELL LOC					WELL LOCAT	FION INFORMATION	Ň	•			
API N	umber		Pool Code			Pool Name					
	-045-2978	31		629		Basin	Fruitland Co	al			
Property Code Property Name								Well Numb	er		
<u>318</u> OGRII	1737		Operator N	ate		4E Ground Level Elevation					
372			Operator N	Hi	Icorp Energy C	ompany			Oloulid Lev	5924	
Surfac	e Owner: 🗆 S	State □ Fee □	Tribal 🛛 Fee	deral		Mineral Owner:	🕻 State 🗆 Fee	🗆 Tribal 🗆 🛛	Federal		
					Surf	ace Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
D	32	029N	08W		790' N	890' W	36.6874		07.70529	San Juan	
					Bottom	1 Hole Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
D	32	029N	08W	Lot	790' N	890' W	36.6874		07.70529	San Juan	
-		02/11				0/0 11					
Dedica	ated Acres	Infill or Defi	ning Well	Definir	ng Well API	Overlanning Spaci	ng Unit (V/N)	Consolidati	ion Code		
	- 320	Infill	ning wen		045-27500	N				COM	
Order `	Numbers.					Well setbacks are	inder Common	Ownershin:	Dwnership: □Yes ⊠No		
								o wneisinp. 2			
UL	Section	Townshin	Range	Lot	Kick O Ft. from N/S	Off Point (KOP) Ft. from E/W	Latitude	Т	anaituda	County	
UL	Section	Township	Kange	Lot	Ft. Ifom N/S	Ft. Ifom E/ W	Latitude	L	ongitude	County	
		T 1.	D	.	First Ta	ake Point (FTP) Ft. from E/W	T (') 1	т	·/ 1		
UL	Section	Township	Range	Lot	Ft. Ifom N/S	Ft. Ifom E/ W	Latitude	L	ongitude	County	
					Last T	ake Point (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
		r	8-					_	8		
Unitize	ed Area or Ar	ea of Uniform	Interest	Spacing	g Unit Type 🗆 Horiz	zontal 🛛 Vertical	Grou	nd Floor Elev	vation: 5924	1	
				Spacing	S office Type 🖾 Horn				5924		
OPER.	ATOR CERT	IFICATIONS				SURVEYOR CERTI	FICATIONS				
					mplete to the best of	I hereby certify that the					
		ef, and, if the wel ns a working inte				surveys made by me or i my belief.	inder my supervisi				
		bottom hole loca			his well at this or unleased mineral			I hereby certify that th was plotted from faeld r or under my supervision.	CERTIFICATION to the of actual surveys made by and that the same is true and by belief.	N Ilat ne	
interest	, or to a volunta	ary pooling agree			ing order heretofore			connect to the best of a	ny belset.		
	by the division.							DECEMBER Date of Survey	R 7, 1998	_	
consent	of at least one	lessee or owner o	of a working inte	erest or unle	on has received the eased mineral interest			Signature and Seat, of	MEL		
in each	tract (in the tar		ation) in which a	any part of t	the well's completed			NEW	6857 S		
	nerylene			9/24/20					- D		
		VVUJUII	Date	127120	<u>د ۲</u>	Signature and Seal of Pro-	fessional Surveyor	Qertificate Ru	RESSIONAL		
Simotry		-1			Task C	Signature and Sear OF PTO.	essional Surveyor				
-	wiene We	ston, Oper	ations/Reg	gulatory	/lech-Sr.						
Cher	5	-			/						
Printed	Name				,	Certificate Number	Date of Surv	ey			
Cher Printed	5	orp.com			<u>, </u>	Certificate Number 6857		^{sy} 7/1998			

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

Received by OCD: 10/2/2024 12:05:40 PM ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



7

Form C-102 State of New Mexico Energy, Minarals & Natural Resources Department District I PO Box 1980, Hobbs. NM 88241-198 Revised February 21, 1994 instructions on back District II PO Drawer DD, Artesia, NM 88211-071 OIL CONSERVATION DIVISION Submit to Appropriate District Office District III PO Box 2088 State Lease - 4 Copies 1000 Rio Brazos Rd. Aztac, NM 8741 Santa Fe, NM 87504-2088 Fee Lease - 3 Copies District IV PO Box 2088, Santa Fa. NM 87504-208 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT **API Number** 2 Pool Code 3 Pool Name Blanco Mesaverde/Basin Dakota 72319/71599 30-03929781 6 Well Number 4 Property Code **5 Property Name** State **4**E 016608 9 Elevation 8 Operator Name 7 OGRID No. Conoco Inc., 10 Desta Drive, Steigh00W, Midland, TX 79705-4500 5924' 005073 10 Surface Location North/South Inc Feet from the East/West line County Lot Idn Foot from the Townahio Rance UL or lot no. Section 790' North 890' West San Juan 8W D 32 29N 11 Bottom Hole Location If Different From Surface Feet from the East/West line County North/South line Feet from the Township Range Lot Idn UL or lot no. Section 14 Consolidation Code 15 Order No. 13 Joint or Infil 12 Dedicated Acres 20 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 **17 OPERATOR CERTIFICATION** I hereby certify that the information contained herein is 280 true and complete to the best of my knowledge and belief 890 Anson Signato Jo Ann Johnson Printed Name Sr. Property Analyst Title November 11, 1999 Date **18 SURVEYOR CERTIFICATION** I hereby certify that the well location shown on this plut 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 bellef. Date of Survey Signature and Seal of Professional Surveyor.

DEC 01 1333 12:25 EK CONOCO KOM UND CLAINS 9156866503 TO 815053346179-065 P. 03/05 Released to Imaging: 6/16/2025 9:32:18 AM

State 4E 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.

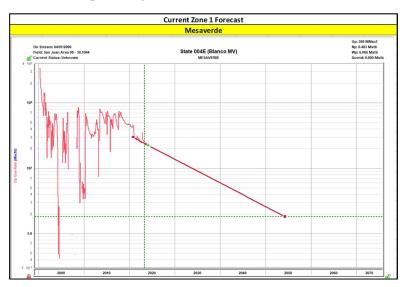
The BHPs of all zones, producing and non-producing, were estimated based upon basin wide Moving-Domain Material Balance models that have proven to approximate the pressure in the given reservoirs well in this portion of the basin, in conjunction with shut-in pressure build-ups. These models were constructed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

Production Allocation Method – Subtraction

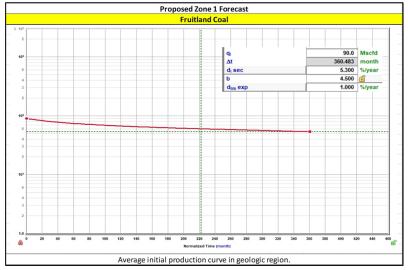
Gas Allocation:

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 formations forecast will be allocated to the new formation.

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



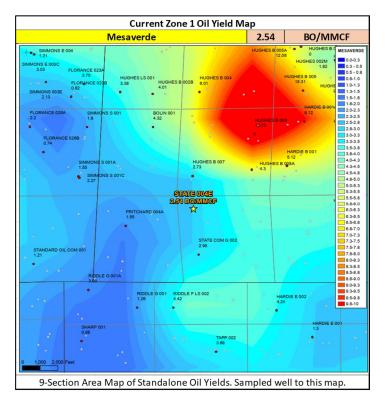
Proposed Zone Forecast

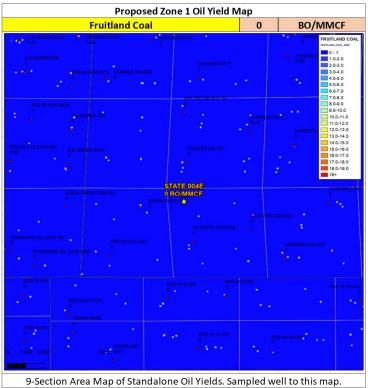


Oil Allocation:

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	Remaining Reserves	% Oil Allocation
MV	2.54	91	100%
FRC	0	712	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:

3004534087	HUGHES B 23	FRC
3004507542	RIDDLE G 1	MV

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.

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, commingling the above reservoirs in this well will not result in shut-in or flowing wellbore pressures 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.

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

Well Name	API		
STATE 4E	3004529781		

FRC Offset	t (2.6 miles)	MV Offset (0.9 miles)		
	3004534087		3004507889	
	HUGHES B 23		BOLIN 1	
N2	0.19	N2	0.28	
CO2	1.48	CO2	1.19	
C1	89.61	C1	76.83	
C2	5.48	C2	10.7	
C3	2.26	C3	5.83	
IC4	0.44	IC4	1.03	
NC4	0.28	NC4	1.86	
IC5	0.1	IC5	0.68	
NC5	0.04	NC5	0.56	
C6_PLUS	0	C6_PLUS	0.01	
C7	0	C7	0	
C8	0	C8	0	
С9	0	С9	0	
C10	0	C10	0	
AR	0	AR	0	
СО	0	CO	0	
H2	0	H2	0	
02	0	02	0	
H2O	0	H2O	0	
H2S	0	H2S	0	
HE		HE	0	
C_O_S	0	C_O_S	0	
CH3SH	0	CH3SH	0	
C2H5SH	0	C2H5SH	0	
CH2S3_2CH3S	0	CH2S3_2CH3S	0	
CH2S	0	CH2S	0	
C6HV	0	C6HV	0	
CO2GPM	0	CO2GPM	0	
N2GPM	0	N2GPM	0	
C1GPM	0	C1GPM	0	
C2GPM	1.47	C2GPM	2.87	
C3GPM	0.62	C3GPM	1.61	
ISOC4GPM	0.14	ISOC4GPM	0.34	
NC4GPM	0.09	NC4GPM	0.59	
ISOC5GPM	0.04	ISOC5GPM	0.25	
NC5GPM	0.02	NC5GPM	0.2	
C6_PLUSGPM	0.05	C6_PLUSGPM	0.47	

E

- 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.

- 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					
STATE 4E	3004529781					
FRC Offset (2.6	miles)	MV Offset (0.9 miles)				
	3004534087		3004507889			
	HUGHES B 23		BOLIN 1			
Avg(CationBarium)		Avg(CationBarium)	0.1			
Avg(CationBoron)		Avg(CationBoron)	0			
Avg(CationCalcium)		Avg(CationCalcium)	10			
Avg(CationIron)		Avg(CationIron)	45.2			
Avg(CationMagnesium)		Avg(CationMagnesium)	10			
Avg(CationManganese)		Avg(CationManganese)	0.58			
Avg(CationPhosphorus)		Avg(CationPhosphorus)	0			
Avg(CationPotassium) Avg(CationStrontium)		Avg(CationPotassium)	19.5			
Avg(CationStrontium)		Avg(CationStrontium) Avg(CationSodium)	2680			
Avg(CationSilica)		Avg(CationSilica)	10.7			
Avg(CationZinc)		Avg(CationZinca)	1.34			
Avg(CationAluminum)		Avg(CationAluminum)	0			
Avg(CationCopper)		Avg(CationCopper)	0			
Avg(CationLead)		Avg(CationLead)	1			
Avg(CationLithium)		Avg(CationLithium)	0			
Avg(CationNickel)		Avg(CationNickel)	0			
Avg(CationCobalt)		Avg(CationCobalt)	0			
Avg(CationChromium)		Avg(CationChromium)	0			
Avg(CationSilicon)		Avg(CationSilicon)	5			
Avg(CationMolybdenum)	0	Avg(CationMolybdenum)	0			
Avg(AnionChloride)		Avg(AnionChloride)	2850			
Avg(AnionCarbonate)		Avg(AnionCarbonate)	80			
Avg(AnionBicarbonate)		Avg(AnionBicarbonate)	1080			
Avg(AnionBromide)		Avg(AnionBromide)	0			
Avg(AnionFluoride)	0	Avg(AnionFluoride)	0			
Avg(AnionHydroxyl)		Avg(AnionHydroxyl)	10			
Avg(AnionNitrate)	0	Avg(AnionNitrate)	0			
Avg(AnionPhosphate)	2.5	Avg(AnionPhosphate)	0			
Avg(AnionSulfate)	25	Avg(AnionSulfate)	1180			
Avg(phField)	6.57	Avg(phField)	0			
Avg(phCalculated)		Avg(phCalculated)	8.28			
Avg(TempField)		Avg(TempField)	0			
Avg(TempLab)		Avg(TempLab)	0			
Avg(OtherFieldAlkalinity)		Avg(OtherFieldAlkalinity)	0			
Avg(OtherSpecificGravity)		Avg(OtherSpecificGravity)	1			
Avg(OtherTDS)		Avg(OtherTDS)	7300			
Avg(OtherCaCO3)		Avg(OtherCaCO3)	66.2			
Avg(OtherConductivity)		Avg(OtherConductivity)	13300			
Avg(DissolvedCO2)	80	Avg(DissolvedCO2)	0			
Avg(DissolvedO2)		Avg(DissolvedO2)	0			
Avg(DissolvedH2S) Avg(GasPressure)		Avg(DissolvedH2S) Avg(GasPressure)	0			
Avg(GasCO2)		Avg(GasPressure) Avg(GasCO2)	0			
Avg(GasCO2) Avg(GasCO2PP)		Avg(GasCO2) Avg(GasCO2PP)	0			
Avg(GasH2S)		Avg(GasCO2PP) Avg(GasH2S)	0			
Avg(GasH2SPP)		Avg(GasH2S) Avg(GasH2SPP)	0			
Avg(PitzerCaCO3_70)		Avg(Basi 23FF) Avg(PitzerCaCO3_70)	0			
Avg(PitzerBaSO4_70)		Avg(PitzerBaSO4_70)	0			
Avg(PitzerCaSO4_70)		Avg(PitzerCaSO4_70)	0			
Avg(PitzerSrSO4_70)		Avg(PitzerSrSO4_70)	0			
Avg(PitzerFeCO3_70)		Avg(PitzerFeCO3_70)	0			
Avg(PitzerCaCO3_220)		Avg(PitzerCaCO3_220)	0			
Avg(PitzerBaSO4_220)		Avg(PitzerBaSO4_220)	0			
Avg(PitzerCaSO4_220)		Avg(PitzerCaSO4_220)	0			
		Avg(PitzerCa304_220) Avg(PitzerSrSO4_220)	0			
Avg(PitzerSrSO4_220)						

Received h	v OCD:	10/2/2024	12:05:40 PM

 District I

 1625 N. French Dr., Hobbs, NM 88240

 Phone: (575) 393-6161

 Phone: (575) 393-6161

 Pax: (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 Road, Aztec, NM 87410

 Phone: (505) 334-6178 Fax: (505) 334-6170

 District IV

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

 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

	¹ Operator Name and Address Hilcorp Energy Company 382 Road 3100	^{2.} OGRID Number 372171	
	382 Road 3100 Aztec, NM 87410	³ API Number 30-045-29781	
^{4.} Property Code 318437	^{5.} Property Name State	^{6.} Well No. 4E	

UL - Lot	Section	Township	Range	7. Sur Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	
D	32	029N	08W		790	North	890	West	San Juan	
	Proposed Bottom Hole Location									
UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County	

^{9.} Pool Information

Pool Name	
Basin Fruitland Coal	

~ •

Pool Code 71629

Additional Well Information

		114				
^{11.} Work Type	12.	Well Type	13. Cable/Rotary	^{14.}]	Lease Type	15. Ground Level Elevation
Recomplete	С	ommingle			State	5924' GR
^{16.} Multiple	^{17.} Pr	oposed Depth	^{18.} Formation	19.	Contractor	^{20.} Spud Date
Commingle			Basin Fruitland Coal/ Blanco Mesaverde			
Depth to Ground water		Distance from	nearest fresh water well		Distance to n	earest surface water

We will be using a closed-loop system in lieu of lined pits

^{21.} Proposed Casing and Cement Program

Туре	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC		
	Casing/Cement Program: Additional Comments							

^{22.} Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer

^{23.} I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION			
I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable. Signature: Cherylene Weston		Approved By:			
Printed name: Cherylene Weston		Title:			
Title: Operations Regulatory Tech Sr.		Approved Date:	Expiration Date:		
E-mail Address: cweston@hilcorp.com					
Date: 9/25/2024	Phone: 713-289-2615	Conditions of Approval Attached			

Released to Imaging: 6/16/2025 9:32:18 AM

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HILCORP ENERGY COMPANY STATE #4E FRUITLAND COAL RECOMPLETE SUNDRY API 3004529781

OB PROCEDURES

	JOB PROCEDURES
	1. MIRU workover rig and associated equipment; NU and test BOP.
	2. TOOH with tubing.
	3. Set a plug within 50' of the top Mesaverde perforation (4,046') for zonal isolation.
	4. Load hole with fluid. RU WL and run CBL to verify TOC. Review results with operations engineer and regulatory agencies.
	5. Perform MIT on casing with NMOCD witness (notify NMOCD 24+ hours before test) and submit results to regulatory group.
	6. If frac'ing down casing: pressure test casing to frac pressure.
	7. RU WL. Perforate the Fruitland Coal. Top perforation @ 2,192', bottom perforation @ 2,406'.
	8. If frac'ing down frac string: RIH w/ frac string and packer.
	9. ND BOP, NU frac stack. Pressure test frac stack to frac pressure. Pressure test frac string (if applicable) to frac pressure. RDMO.
1	0. RU stimulation crew. Frac the Fruitland Coal in one or more stages. Set plugs in between stages, if necessary.
1	1. MIRU workover rig and associated equipment; NU and test BOP.
1	2. If frac was performed down frac string: POOH w/ frac string and packer.
1	3. TIH with mill and clean out to isolation plug.
1	4. Mill out isolation plug. Cleanout to PBTD. TOOH with cleanout assembly.
1	5. TIH and land production tubing. Flowback the well. Return well to production as a Fruitland Coal/Mesaverde Producer.

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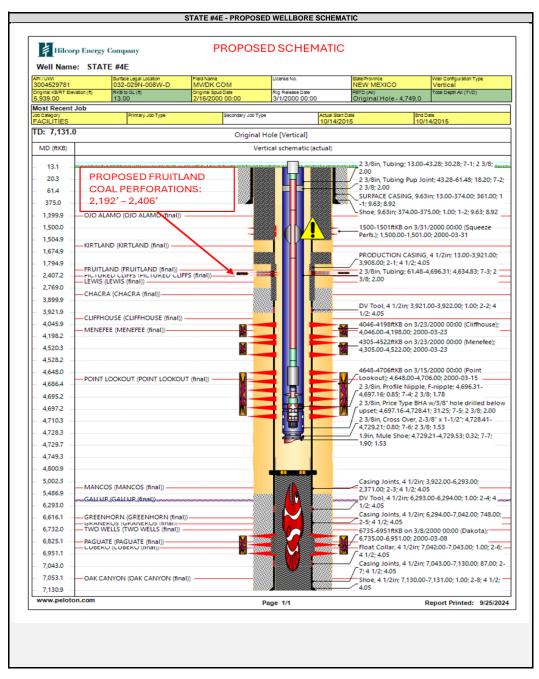


HILCORP ENERGY COMPANY STATE #4E FRUITLAND COAL RECOMPLETE SUNDRY

API/UWI	STATE #4E Surface Legal Location 032-029N-008W-D	Field Name	License No.	State/Province	Well Configuration Type
3004529781 Driginal KB/RT Eleva		MV/DK COM Original Spud Date	Rig Release Date	NEW MEXICO PBTD (AII)	Vertical Total Depth All (TVD)
5,939.00	13.00	2/16/2000 00:00	3/1/2000 00:00	Original Hole - 4,749.0	
Most Recent J lob Category	Primary Job Type	Secondary Job T	Type Act	tual Start Date Enc	I Date
FACILITIES				0/14/2015 10	/14/2015
MD (ftKB)		-	I Hole [Vertical]		
IVID (ICKD)		v		-	
- 13.1 -	a ternen helte des tilse to it die Uiter tilste tet tet en here of het de tilste des	n ha da dhi dha a tha dha dhi d		2 3/8in, Tubing; 13.00	-43.28; 30.28; 7-1; 2 3/8; dimai
20.3					oint; 43.28-61.48; 18.20; 7-2;
61.4					3in; 13.00-374.00; 361.00; 1
375.0				-1; 9.63; 8.92	
1,399.9	-OJO ALAMO (OJO ALAMO (final))			Shoe, 9.63in; 374.00-3	375.00; 1.00; 1-2; 9.63; 8.92
- 1,500.0					1/2000 00:00 (Squeeze
1,504.9				Perfs.); 1,500.00-1,501	.00; 2000-03-31
1,674.9	— KIRTLAND (KIRTLAND (final)) —				G, 4 1/2in; 13.00-3,921.00;
1,794.9				3,908.00; 2-1; 4 1/2; 4	
2,407.2	- FRUITLAND (FRUITLAND (final)) - PICTURED CLIFFS (PICTURED CLI	FS (final))			-4,696.31; 4,634.83; 7-3; 2
2,769.0	— LEWIS (LEWIS (final)) ————			3/8; 2.00	
3,899.9					
3,921.9				DV Tool, 4 1/2in; 3,92 1/2: 4.05	1.00-3,922.00; 1.00; 2-2; 4
4,045.9	-CLIFFHOUSE (CLIFFHOUSE (final))			1.1	23/2000 00:00 (Cliffhouse):
4,043.5	— MENEFEE (MENEFEE (final))———			4,046.00-4,198.00; 20	
.,		M			23/2000 00:00 (Menefee);
4,520.3		K		4,305.00-4,522.00; 20	00-03-23
4,528.2			H	4648-4706ftKB on 3/1	E (2000 00:00 /Beint
4,648.0	-POINT LOOKOUT (POINT LOOKOU	JT (final))		Lookout); 4,648.00-4,	
4,686.4				2 3/8in, Profile Nippl	
4,695.2				4,697.16; 0.85; 7-4; 2 3	A w/3/8" hole drilled below
4,697.2				upset; 4,697.16-4,728	41; 31.25; 7-5; 2 3/8; 2.00
4,710.3				2 3/8in, Cross Over, 2 4,729.21; 0.80; 7-6; 2	-3/8" x 1-1/2"; 4,728.41 3/8: 1.53
4,728.3					29.21-4,729.53; 0.32; 7-7;
4,729.7				1.90; 1.53	
4,749.3					
4,800.9					
5,002.3	MANCOS (MANCOS (510)			Casing Joints, 4 1/2ir	
5,486.9				2,371.00; 2-3; 4 1/2; 4	05 3.00-6,294.00; 1.00; 2-4; 4
6,293.0	GALLUR (GALLUR (final))			1/2; 4.05	5.00-0,254.00; 1.00; 2-4; 4 ates
6,616.1	-GREENHORN (GREENHORN (final))————			; 6,294.00-7,042.00; 748.00; _
6,732.0	- GRAINERUS (GRAINERUS (TINAI)) - TWO WELLS (TWO WELLS (final))			2-5; 4 1/2; 4.05 6735-6951ftKB on 3/8	/2000 00:00 (Dakota);
6,825.1	PAGUATE (PAGUATE (final))	M		6,735.00-6,951.00; 20	00-03-08
6,951.1	— СОВЕКО (СОВЕКО (Tinai))"			Float Collar, 4 1/2in;	7,042.00-7,043.00; 1.00; 2-6; -
7,043.0				Casing Joints, 4 1/2ir	; 7,043.00-7,130.00; 87.00; 2-
7,053.1	-OAK CANYON (OAK CANYON (fin:	aD)		7; 4 1/2; 4.05	0-7,131.00; 1.00; 2-8; 4 1/2; -
7,130.9				4.05 Shoe, 4 1/2in; 7,130.0	0-7,151.00; 1.00; 2-8; 4 1/2;
www.pelotor	n.com		Page 1/1		Report Printed: 9/25/2024
-			1486 1/1		Report Finten, a/20/202



HILCORP ENERGY COMPANY STATE #4E FRUITLAND COAL RECOMPLETE SUNDRY



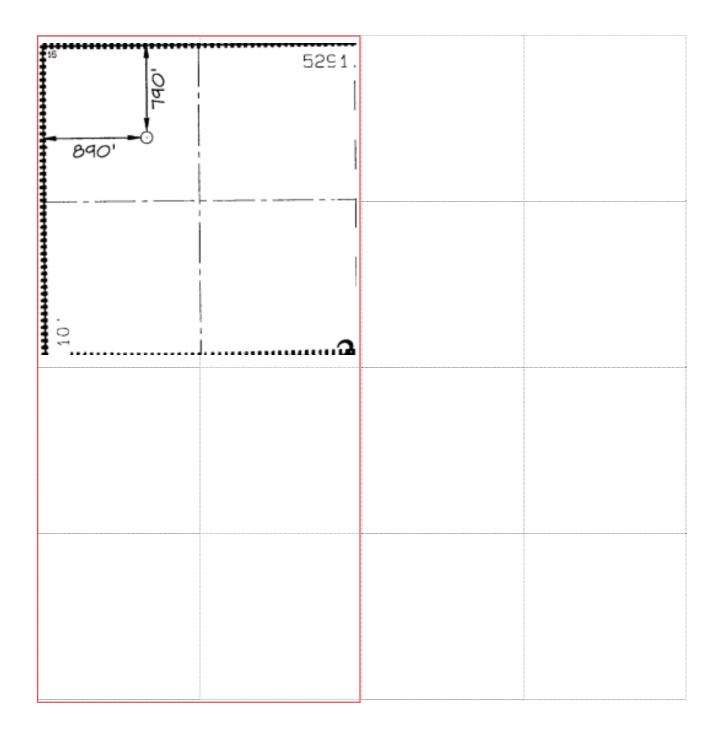
C-102 Submit Electronically			En	ergy, M		w Mexico al Resources Depar FION DIVISION	tment			Revised July 9, 2024
	CD Permitting	У		OIL	CONSERVIT			S1	X Initial Su	ıbmittal
								Submittal Type:	□ Amendee	d Report
								51	□ As Drille	:d
					WELL LOCA	FION INFORMATION	N			
	lumber		Pool Code			Pool Name				
<u>30-045-29781</u> <u>71629</u>						Basin	Fruitland Co	bal	XX7 11 XX 1	
Property Code Property Name 318737 State									Well Number 4E	er
OGRII	D No.		Operator N	lame					Ground Lev	
372171					Icorp Energy C					5924
Surfac	e Owner: 🗆 S	State ∐ Fee ∟	Tribal 🛛 Fee	deral		Mineral Owner:	∐ State ∐ Fee		Federal	
					Surf	ace Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
D	32	029N	08W		790' N	890' W	36.6874	- 88	107.70529	San Juan
		<u>I</u>	<u> </u>	1	Botton	1 Hole Location	I	I		1
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County
D	32	029N	08W		790' N	890' W	36.6874	- 88	107.70529	San Juan
		<u> </u>								
	Dedicated Acres Infill or Defining Well Defining Well API				Overlapping Spacing Unit (Y/N) Consolidation Code					
W/2 - 320 Infill			30-045-27500		N		(COM		
Order	Numbers.					Well setbacks are under Common Ownership: □Yes ⊠No				
					Kiek (Off Point (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	I	ongitude	County
		r	8-						8	
					First T	ake Point (FTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Ι	ongitude	County
		1	Ũ						e	5
					Last T:	ake Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Ι	ongitude	County
		1	0						0	2
Unitize	ed Area or Ar	ea of Uniform	Interest	Spacing	g Unit Type 🗆 Hori:	zontal 🛛 Vertical	Grou	and Floor Ele	vation: 5924	1
				1 .	5 51				5724	
ODED	ATOD CEDT	TELCATIONS				GUDVEVOD CEDTI	FIGATIONS			
		IFICATIONS				SURVEYOR CERTI	FICATIONS			
		e information con ief, and, if the wel			mplete to the best of well, that this	I hereby certify that the surveys made by me or t				
		ns a working inte bottom hole loca				my belief.	inder ny saper no	18 SURVEYOR	CERTIFICATION	N
	n pursuant to a	contract with an o	owner of a work	ting interest	or unleased mineral ng order heretofore			I hereby certify that to was plotted from field or under my supervision connect to the best of	he well location shown on this is notes of actual surveys made by and that the same is true and my belief.	ne
	l, or to a volunia l by the division.		ment or a comp	uisory pooli	ng order nerelojore			DECEMBE	R 7. 1998	
interest					n has received the			Date of Survey Signature and Sout of	EDW	_
interest entered If this w					ased mineral interest he well's completed			EAL	METIC	
interest entered If this w consent	t of at least one	get pool or torm				1		ZZ	6857) 5	
interest entered If this w consent in each interval	t of at least one a tract (in the tar l will be located	l or obtained a co						1 All		
interest entered If this w consent in each interval	t of at least one tract (in the tar	l or obtained a co		9/24/20				Gentificate	BIEL CEROMAN	<
interest entered If this w consent in each interval	t of at least one tract (in the tar l will be located nerylene	l or obtained a co				Signature and Seal of Pro	fessional Surveyor	Certificate W	A CONTRACTOR	
interest entered If this w consent in each interval Signatus	t of at least one a tract (in the tar l will be located nerylene ure	l or obtained a co	Date	9/24/20	24	Signature and Seal of Pro	fessional Surveyor	Certificate W	HOFESSEMME	=
interest entered If this w consent in each interval Ch Signatu Cher	t of at least one t ract (in the tar l will be located nerylene rylene We	Tor obtained a co Weston	Date	9/24/20	24	Signature and Seal of Pro	fessional Surveyor		HEESE MARK	
interest entered If this w consent in each interval Signatur Cher Printed	t of at least one t ract (in the tar l will be located nerylene rylene We	For obtained a co Weston eston, Oper	Date	9/24/20	24		Date of Surv			=

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

Received by OCD: 10/2/2024 12:05:40 PM ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



Re	ceived	by (OCD:	10/2/2024	12:05:401	PM
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	1220	South St. Franc	is Dr.						
Ν	ATURAL G	AS MANAC	GEMENT P	LAN					
gement Plan m	ust be submitted w	vith each Applicati	on for Permit to l	Drill (A	PD) for a new	or recompleted well			
Energy Compan	У	OGRID:	372171		Date: 9	/ 25 / 2024			
□ Amendment	due to □ 19.15.27	7.9.D(6)(a) NMAC	C 🗆 19.15.27.9.D	(6)(b) N	MAC 🗆 Othe				
e:									
				wells pr	roposed to be c	rilled or proposed to			
API	ULSTR	Footages	Anticipated Oil BBL/D		-	Anticipated Produced Water BBL/D			
3004529781	D-32-29N-08W	790' FNL, 890' FWL	0 bbl/d	120 m	ncf/d	0 bbl/d			
					=	27.9(D)(1) NMAC]			
				vell or s	et of wells pro	posed to be drilled o			
API	Spud Date	TD Reached Date			Initial Flow Back Date	First Production Date			
3004529781						<u>2025</u>			
ctices: 🛛 Attac F of 19.15.27.8 Int Practices: 🛙	h a complete desc NMAC. 외 Attach a comple	cription of the acti	ons Operator wil	l take t	o comply with	the requirements			
	N gement Plan m Energy Compan □ Amendment e: □ Amendment e: a API 3004529781 Point Name: a API 3004529781 a API a a API a a API a <	Energy, Minerals Oil C 1220 Sa: NATURAL G gement Plan must be submitted w Section Energy Company Amendment due to 19.15.27 e: and a pl 0.15.27 e: te following information for each single well pad or connected to a API 0.15.27 ale: Provide the following information eted from a single well pad or consected ale: Provide the following information and a single well pad or consected formation and a single well pad or consected to a API 0.15.27.8 NMAC.	Energy, Minerals and Natural Resc Oil Conservation Divise 1220 South St. France Santa Fe, NM 875 NATURAL GAS MANACC gement Plan must be submitted with each Application Section 1 – Plan Dece Effective May 25, Energy Company OGRID: Amendment due to 19.15.27.9.D(6)(a) NMACC e:	Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 NATURAL GAS MANAGEMENT P gement Plan must be submitted with each Application for Permit to I Section 1 – Plan Description Effective May 25, 2021 Energy Company OGRID: 372171 Amendment due to □ 19.15.27.9.D(6)(a) NMAC □ 19.15.27.9.D(6)(a) BL/D ae following information for each new or recompleted well or set of a single well pad or connected to a central delivery point. API ULSTR Footages Anticipated Oil BBL/D 3004529781 D-32-29N-08W 790' FNL, 890' FWL 0 bbl/d Point Name: Chaco-Blanco Processing Plant Chaco-Blanco Processing Plant Output TD Reached Completion Commencement 3004529781 D D D Anticipated Commencement 3004529781 D D Anticip	Energy, Minerals and Natural Resources Department Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 NATURAL GAS MANAGEMENT PLAN gement Plan must be submitted with each Application for Permit to Drill (A Section 1 – Plan Description Energy Company OGRID:	Energy, Minerals and Natural Resources Department Vis Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 NATURAL GAS MANAGEMENT PLAN genent Plan must be submitted with each Application for Permit to Drill (APD) for a new section 1 – Plan Description <u>Section 1 – Plan Description</u> <u>Energy Company</u> OGRID: 372171 Date:9 Amendment due to □ 19.15.27.9.D(6)(a) NMAC □ 19.15.27.9.D(6)(b) NMAC □ Other e: et following information for each new or recompleted well or set of wells proposed to be disingle well pad or connected to a central delivery point. Anticipated Anticipated Oil BBL/D Gas MCF/D 3004529781 D-32-29N-08W 790' FNL 890' FWL District following information for each new or recompleted well or set of wells proposed to be disingle well pad or connected to a central delivery point. Anticipated Anticipated Oil BBL/D Gas MCF/D 3004529781 D-32-29N-08W 790' FNL 890' FWL Obl/d 120 mcf/d Section 1 mitial Flow Date TD Reached Completion Entitial Flow Jout TD Reached Completion Back Date Jout TD Reached			

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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:

 \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:	Cherylene Weston
Printed Name:	Cherylene Weston
Title:	Operations/Regulatory Tech-Sr.
E-mail Address	cweston@hilcorp.com
Date:	9/25/2024
Phone:	713-289-2615
	OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form)
Approved By:	
Title:	
Title: Approval Date:	
	pproval:
Approval Date:	pproval:
Approval Date:	pproval:
Approval Date:	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.

NEW MEXICO STATE LAND OFFICE Guidelines for Requesting Commingling Approval

- 1. A commingling agreement from the New Mexico State Land Office is not required if the commingling operation does not contain New Mexico State Trust acreage.
- 2. If State Trust acreage will be part of a proposed commingling operation:
 - a. Commingling of production of all wells from the same pool within a single lease or unit area is permitted without additional Land Commissioner approval.
 - b. Surface commingling (including off-lease storage) from more than one pool, and/or from more than one lease, communitized area, unit area, or a combination of leases/communitized areas/unit areas, requires additional Land Commissioner approval.

The attached application form describes the process for submitting a commingling application to the New Mexico State Land Office.

APPLICATION FOR

NEW MEXICO STATE LAND OFFICE

COMMINGLING AND OFF-LEASE STORAGE

ON STATE TRUST LANDS



This application form is required for all commingling applications requiring approval by the Commissioner of Public Lands.

Applicant: Hilcorp Energy Company	OGRID #: 372171
Well Name: State 4E	API #: <u>30-045-29781</u>
Pool: Basin Fruitland Coal / Blanco Mesaverde	

OPERATOR NAME:	Hilcorp Energy Company Attn: Cheryl Weston, Rm. 12.201

OPERATOR ADDRESS: 1111 Travis Street, Houston, TX 77002

APPLICATION REQUIREMENTS – SUBMIT:

- 1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
- 2. Commingling application fee of \$150.

CERTIFICATION: To the best of my knowledge,

- All business leases and rights-of-way necessary for conducting the proposed operation on State Trust lands have been applied for or obtained,
- The information submitted with this application is **accurate** and **complete**, and
- No loss will accrue to the state of New Mexico as a result of the proposed operation.

I also understand that **no action** will be taken on this application until the required information and fee are submitted to the State Land Office.

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

Cherylene Weston Print or Type Name

Cherylene Weston Signature

Signataro

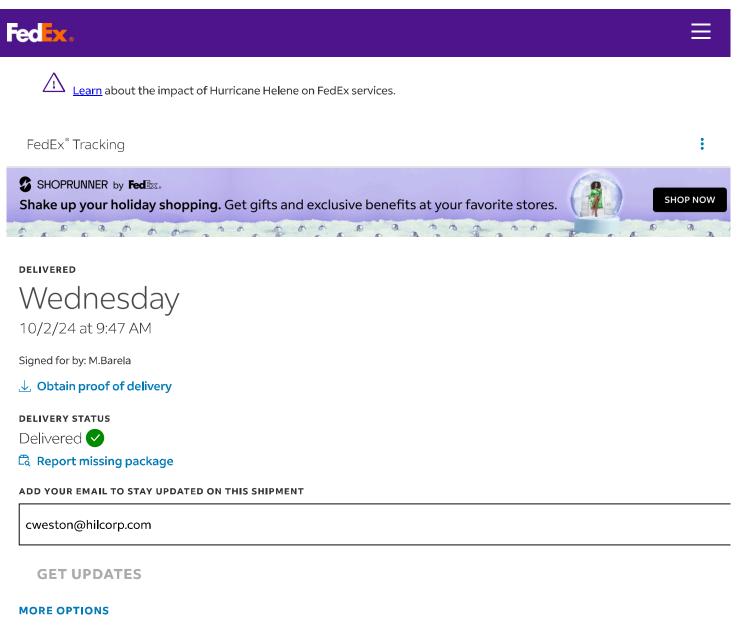
9/24/2024 Date 713-289-2615 Phone Number

cweston@hilcorp.com e-mail Address

Submit application to:

Commissioner of Public Lands Attn: Commingling Manager PO Box 1148 Santa Fe, NM 87504-1148 Questions? Contact the Commingling Manager: 505.827.6628

Upon approval, the requesting organization will receive an acknowledgment letter from the Commissioner of Public Lands.



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FROM

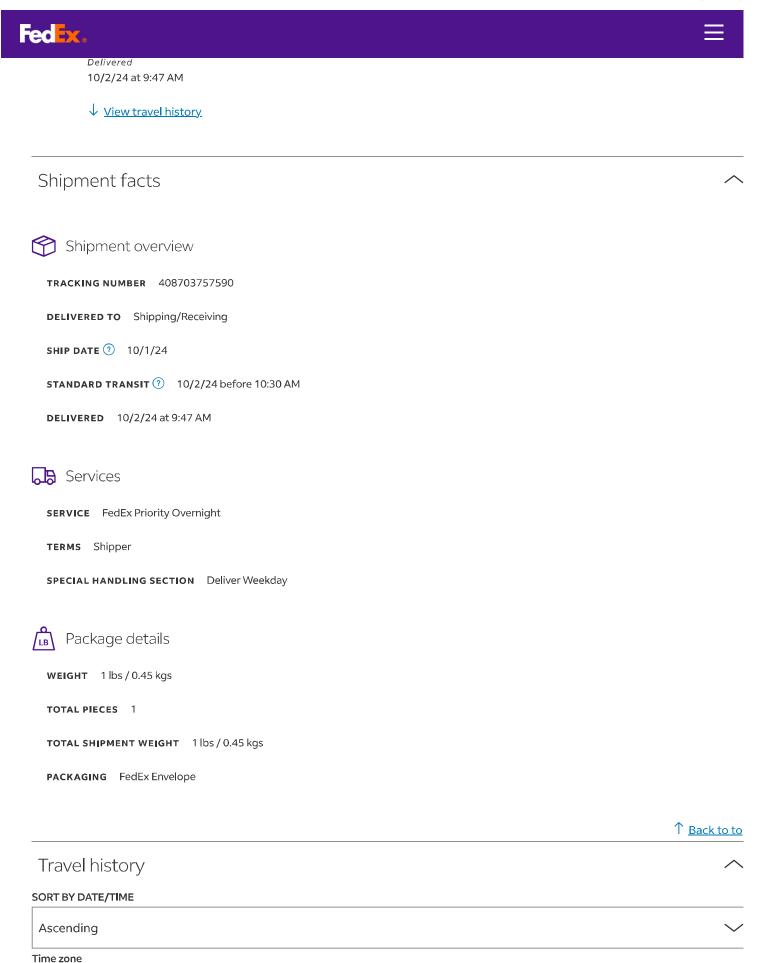
Houston, TX US Label Created 10/1/24 1:07 PM

WE HAVE YOUR PACKAGE HOUSTON, TX 10/1/24 3:34 PM

ON THE WAY SANTA FE, NM 10/2/24 7:35 AM

OUT FOR DELIVERY

SANTA FE, NM 10/2/24 7:37 AM





Tuesday, 10/1/24

- 1:07 PM Shipment information sent to FedEx
- 3:34 PM
 Picked up
 HOUSTON, TX
- 3:35 PM Shipment arriving On-Time HOUSTON, TX
- 8:05 PM
 Left FedEx origin facility
 HOUSTON, TX
- 11:52 PM
 Arrived at FedEx hub
 MEMPHIS, TN

Wednesday, 10/2/24

- 4:33 AM
 Departed FedEx hub
 MEMPHIS, TN
- 5:38 AM
 At destination sort facility
 ALBUQUERQUE, NM
- 7:35 AM At local FedEx facility SANTA FE, NM
- 7:37 AM On FedEx vehicle for delivery SANTA FE, NM
- 9:47 AM
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 SANTA FE, NM

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OUR COMPANY

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October 2, 2024

Mailed Certified with Electronic Return Receipt

To: All Interest Owners

RE: Application to Downhole Commingle Production Well: State 004E API: 30-045-29781 Section 32, Township 29 North, Range 08 West San Juan County, New Mexico

Ladies and Gentlemen:

Hilcorp Energy Company ("Hilcorp"), as Operator of the subject well, has filed application with the New Mexico Oil Conservation Division ("NMOCD") for approval to downhole commingle production from the **Basin Fruitland Coal**, a formation Hilcorp soon intends to perforate, with existing production from the **Blanco Mesaverde** formation. This letter and the application copy enclosed serve to provide you, an owner in one or more of the aforementioned formations, with written notice as prescribed by Subsection C of 19.15.12.11 New Mexico Administrative Code.

No action is required by you unless you wish to pursue a formal protest.

Any objections or requests for hearing must be submitted to the NMOCD's Santa Fe office, in writing, within twenty (20) days from the date the NMOCD receives the subject application.

Sincerely,

Carson Parker Rice Landman 713.757.7108 carice@hilcorp.com

CPR:dpk Enclosures

Received by OCD: 10/2/2024 12:05:40 PM

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

STATE

Lease

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 34 of 41

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

382 Road 3100, Aztec, NM 87410

Hilcorp Energy Company Operator

Address D-32-T29N-R08W

Unit Letter-Section-Township-Range

SAN JUAN, NM County

OGRID No. 372171 Property Code 318437 API No. 30-045-29781 Lease Type: ____Federal _X_State ____Fee

4F

Well No.

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)	2192' - 2406'		4046' - 4706'
Method of Production (Flowing or Artificial Lift)	NEW ZONE		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)	86 psi		112 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1106 BTU		1281 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: 7/1/2024 Rates: Oil - 0 bbl Gas - 710 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 YesX	_ No_X _ No
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 <u>X</u>	_ No
NMOCD Deference Case No. applicable to this well.		

NMOCD Reference Case No. applicable to this well:

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 9/2	5/2024
TYPE OR PRINT NAME Chervlene Weston	TELEPHONE NO (713) 289-26	515

E-MAIL ADDRESS _____ cweston@hilcorp.com

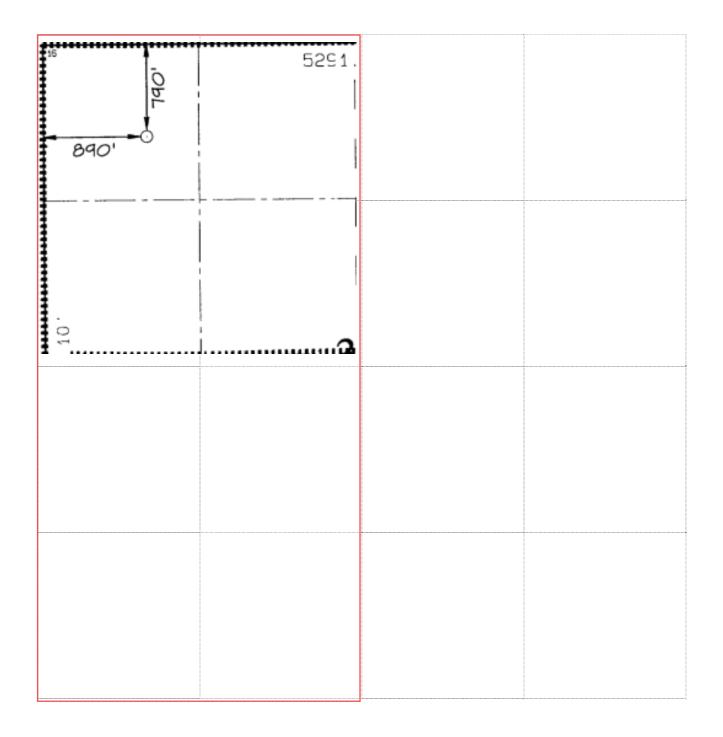
<u>C-1(</u>	Energy, Minerals & Natural Resources De						tment		-	Page 35 Revised July 9, 2024	
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Proper 318	rty Code 3737		Property N St	ame ate					Well Number 4E	er	
OGRI	D No.		Operator N	lame						el Elevation	
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UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
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OPER	ATOR CERT	TFICATIONS				SURVEYOR CERTI	FICATIONS				
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organiz	zation either ow	ons a working inte	erest or unleased	l mineral int	erest in the land	my belief.	inder my supervis	18 SURVEYOR	CERTIFICATION	N	
location	n pursuant to a		owner of a work	ting interest	or unleased mineral			I hereby certify that th was plotted from field r or under my supervision, connect to the best of r	e well location shown on this i notes of actual surveys made by and that the same is true and my belief.	olat ne	
	t, or to a volunta l by the division.		ment or a comp	ulsory pooli	ng order heretofore			DECEMBER	R 7. 1998		
If this w	vell is a horizon	ıtal well, I further	· certify that this	organizatio	n has received the			DECEMBER Date of Survey Signature and Seat. of	EDW-	_	
	t of at least one	lessee or owner of	of a working inte	erest or unle	ased mineral interest he well's completed			THE W	METICAD		
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

Received by OCD: 10/2/2024 12:05:40 PM ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



7

Form C-102 State of New Mexico Energy, Minarals & Natural Resources Department District I PO Box 1980, Hobbs. NM 88241-198 Revised February 21, 1994 instructions on back District II PO Drawer DD, Artesia, NM 88211-071 OIL CONSERVATION DIVISION Submit to Appropriate District Office District III PO Box 2088 State Lease - 4 Copies 1000 Rio Brazos Rd. Aztac, NM 8741 Santa Fe, NM 87504-2088 Fee Lease - 3 Copies District IV PO Box 2088, Santa Fa. NM 87504-208 AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT **API Number** 2 Pool Code 3 Pool Name Blanco Mesaverde/Basin Dakota 72319/71599 30-03929781 6 Well Number 4 Property Code **5 Property Name** State **4**E 016608 9 Elevation 8 Operator Name 7 OGRID No. Conoco Inc., 10 Desta Drive, Steigh00W, Midland, TX 79705-4500 5924' 005073 10 Surface Location North/South Inc Feet from the East/West line County Lot Idn Foot from the Townahio Rance UL or lot no. Section 790' North 890' West San Juan 8W D 32 29N 11 Bottom Hole Location If Different From Surface Feet from the East/West line County North/South line Feet from the Township Range Lot Idn UL or lot no. Section 14 Consolidation Code 15 Order No. 13 Joint or Infil 12 Dedicated Acres 20 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 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is 280 true and complete to the best of my knowledge and belief 890 Muson Signato Jo Ann Johnson Printed Name Sr. Property Analyst Title November 11, 1999 Date **18 SURVEYOR CERTIFICATION** I hereby certify that the well location shown on this plut 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 bellef. Date of Survey Signature and Seal of Professional Surveyor.

State 4E 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.

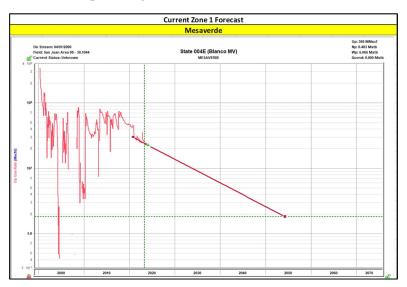
The BHPs of all zones, producing and non-producing, were estimated based upon basin wide Moving-Domain Material Balance models that have proven to approximate the pressure in the given reservoirs well in this portion of the basin, in conjunction with shut-in pressure build-ups. These models were constructed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

Production Allocation Method – Subtraction

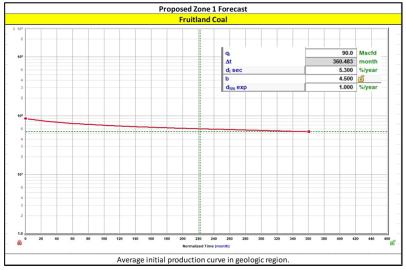
Gas Allocation:

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 formations forecast will be allocated to the new formation.

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



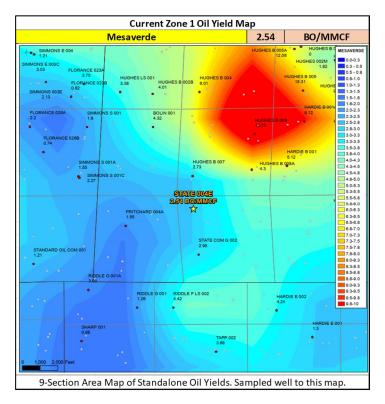
Proposed Zone Forecast

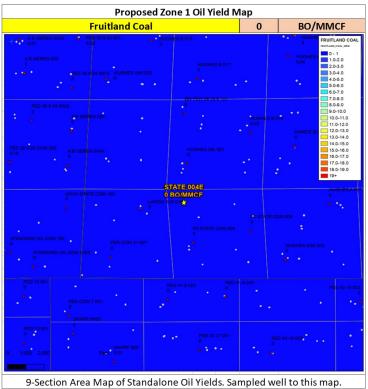


Oil Allocation:

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	Remaining Reserves	% Oil Allocation
MV	2.54	91	100%
FRC	0	712	0%





Certified Number	Sender	Recipient	Date Mailed	Delivery Status
92148969009997901840089542	Dani Kuzma	, SILVERADO OIL and GAS LLP, , TULSA, OK, 74152-0308 Code: STATE 4E DHC NOTICE	10/2/2024	Signature Pending
92148969009997901840089559	Dani Kuzma	, PIONEER NATURAL RES USA INC, KATHY NAVARRETE, MIDLAND, TX, 79702 Code: STATE 4E DHC NOTICE	10/2/2024	Signature Pending
92148969009997901840089566	Dani Kuzma	, STATE OF NEW MEXICO, BATAAN MEMORIAL BUILDING, SANTA FE, NM, 87501 Code: STATE 4E DHC NOTICE	10/2/2024	Signature Pending
92148969009997901840089573	Dani Kuzma	, MESA ROYALTY TRUST, ATTN NEW MEXICO PROPERTIES, BARTLESVILLE, OK, 74004 Code: STATE 4E DHC NOTICE	10/2/2024	Signature Pending
92148969009997901840089580	Dani Kuzma	, SIMCOE, LLC, ATTN MICHELLE BLANKENSHIP, DURANGO, CO, 81301 Code: STATE 4E DHC NOTICE	10/2/2024	Signature Pending

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	389279
	Action Type:
	[C-107] Down Hole Commingle (C-107A)

CONDITIONS

Created By		Condition Date
llowe	None	5/21/2025

CONDITIONS

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Action 389279