Received by OCP to 11/8/2024 bistrict 1	PM	State of New Me	exico	DHC - 5493	Form C-103 Form
Office District I – (575) 393-6161	Energy,	Minerals and Natu			Revised July 18, 2013
1625 N. French Dr., Hobbs, NM 88240	2,7			WELL API NO.	
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL C	ONSERVATION	DIVISION		45-22827
<u>District III</u> – (505) 334-6178		220 South St. Fra		5. Indicate Type of	
1000 Rio Brazos Rd., Aztec, NM 87410		Santa Fe, NM 8		STATE _	FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>Summa 1 0, 1 (1) 1</b>	, 5 05	6. State Oil & Gas Federal I	NMSF078147
	ΓICES AND RE	EPORTS ON WELLS	3	7. Lease Name or I	Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPODIFFERENT RESERVOIR. USE "APPL				MO	ORE LS
PROPOSALS.)  1. Type of Well: Oil Well	Gas Well 🛛	Other		8. Well Number 2	A
2. Name of Operator				9. OGRID Number	
Hilcorp Energy Compan  3. Address of Operator	Ŋ			10. Pool name or V	72171 Vildage
382 Road 3100, Aztec, N	NM 87410				l / Blanco Pictured Cliffs
4. Well Location					
Unit Letter <u>E</u> : <u>1645</u> f	eet from the No	orth_line and 1090	feet from the Wes	t_ line	
Section 26	Township 032	2N Range 012W	NMPM	County SAN JUAN	
		n (Show whether DR			
ID NO. 400866		6371	' GL		
12 Charle	Annronrieta D	Pov to Indicate Na	eture of Notice	Danant on Othan Da	ato.
			•	Report or Other Da	
NOTICE OF I				BSEQUENT_REP	
PERFORM REMEDIAL WORK			REMEDIAL WOI	<del></del>	LTERING CASING
TEMPORARILY ABANDON				<del></del>	P AND A
PULL OR ALTER CASING		COMPL	CASING/CEMEN	NT JOB 📙	
DOWNHOLE COMMINGLE	]				
CLOSED-LOOP SYSTEM COTHER:	」 ]RECOMPLET	F	OTHER:	П	
13. Describe proposed or comp				d give pertinent dates,	including estimated date
of starting any proposed we proposed completion or rec	ork). SEE RUL				
It is intended to complete the well existing Blanco Mesaverde Prorate Oil Conservation Division Order N Commingling will not reduce the vapplication.	ed Gas (pool 72 Number R-1136	2319) has been temp 3. Allocation and n	oorarily abandone nethodology will l	d. The production wi	Il be commingled per well is completed.
Proposed perforations are: <b>FRC</b>	2537' - 2862';	PC 2863' - 2996'.	These perforat	ions are in TVD.	
Interest is common, no notifica	tion is necessa	ary.			
g 15.		D: D.1 D.			
Spud Date:		Rig Release Dat	e:		
I hereby certify that the information	above is true an	d complete to the be	st of my knowledge	e and belief.	
SIGNATURE Cherylene V	<u>Veston</u>	TITLE <u>O</u> p	erations/Regulator	y Tech-Sr. DAT	E 5/15/2024
Type or print name Cherylene W For State Use Only	eston	E-mail address:	cweston@hilcorp	p.com PHONE:	713-289-2615
APPROVED BY:	I fran	TITLEP	etroleum Engi	neer DATE	05/20/25
Conditions of Approval (if any):					

### **CONDITIONS OF APPROVAL**

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 Permit to become inaccurate, then no later than sixty (60) days after that event, the Operator 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 Permit shall terminate on the date of such action.

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 the Operator shall submit a new downhole commingling application to OCD to amend this Permit to remove the pool that caused the decrease in value. If the Operator fails to submit a new application, this Permit shall terminate on the following day, and if OCD denies the application, this Permit shall terminate on the date of such action.

If a completed interval of the Well is altered from what is submitted within this application, then no later than sixty (60) days after the alteration, the Operator shall submit Form C-103 to the OCD Engineering Bureau detailing the alteration and completed interval.

The Operator 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, the Operator 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 the Operator fails to do so, this Permit shall terminate on the following day. If OCD denies the fixed percentage allocation plan, this Permit shall terminate on the date of such action. If OCD approves the percentage allocation plan with 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.

Phone: (505) 476-3441 Fax: (55) 476-3462 General Information

Phone: (505) 629-6116

Online Phone Directory Visit:

https://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

Revised July 9, 2024
Submit Electronically via OCD Permitting
☐ Initial Submittal
☐ Amended Report

Submittal

☐ As Drilled

Type:

					WELL LOCA	ATION INFORMATION	<b>,</b>		ı		
API Nu			Pool Code			Pool Name					
					Basin Fruitland Coal						
Property	y Code		Property Name						Well Number		
318819			Moore LS	Ioore LS					2A		
OGRID	No.		Operator Name Ground Level Elevat						el Elevation		
372171			Hilcorp Ene	rgy Compan	У				6371		
Surface	Owner:   S	State $\square$ Fee $\square$	Tribal ⊠ Fed	leral		Mineral Owner:	State □ Fee □	] Tribal ⊠ F	Federal		
					Sui	rface Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County	
E	26	32N	12W		1645' N	1090' W	36.9598312		08.0700531	San Juan	
					Botto	m Hole Location					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	L	ongitude	County	
									8		
Dedicat	ed Acres	Infill or Defin	ning Well	Defining	Well API	Overlapping Spacing	g Unit (Y/N)	Consolidatio	on Code		
320.0 Infill					No	No N/A		A			
Order N	lumbers.			I		Well setbacks are un	der Common O	wnership:	Yes □No		
					V: alv	Off Point (KOP)					
	g i	m 1:		<b>.</b>		` '		1.			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County	
			1	I	First '	Γake Point (FTP)	-			L	
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County	
										-	
					Last T	Take Point (LTP)					
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Lo	ongitude	County	
		I	8								
Unitized	d Area or Are	ea of Uniform I	nterest	Spacing U	Unit Type  Ho	rizontal   Vertical	Ground	d Floor Elev	ation:		
							6386'				
OPERA	TOR CERT	IFICATIONS				SURVEYOR CERTIFI	CATIONS				

### OPERATOR CERTIFICATIONS

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

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest

, 0 1	or formation) in which any part of the well's co ned a compulsory pooling order from the divis	
Allateler	9/16/2024	
Signature	Date	
Amanda Walker		
Printed Name		

## James P. Leese

Signature and Seal of Professional Surveyor

Certificate Number 1463

Date of Survey 11/10/1977

I hereby certify that the well location shown on this plat was plotted from field notes of actual

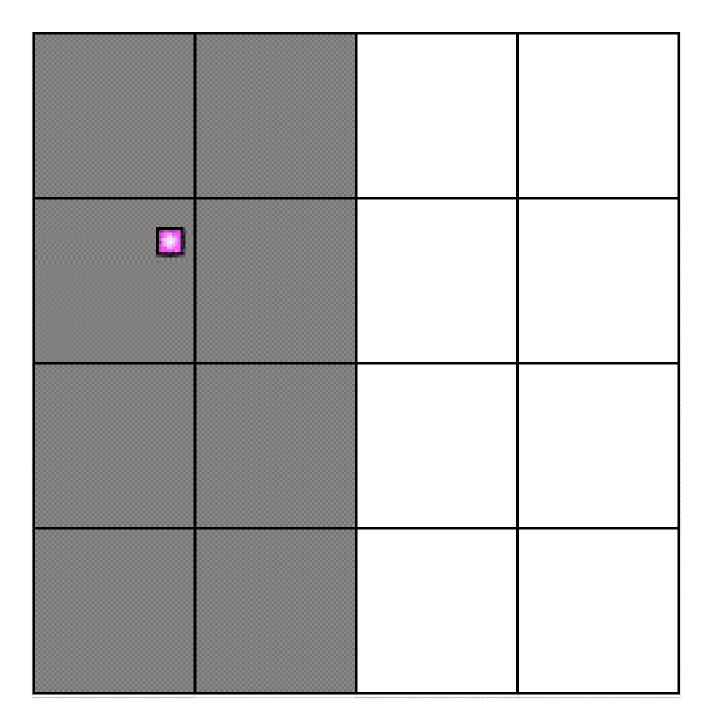
surveys made by me or under my supervision, and that the same is true and correct to the best of

mwalker@hilcorp.com

Email Address

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.



Received by OCD: 11/8/2024 1:55:51 PM - Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information Phone: (505) 629-6116

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

	Revised July 9, 2024
	Submit Electronically via OCD Permitting
	☐ Initial Submittal
Submittal Type:	☐ Amended Report
J.F.	☐ As Drilled

miine	Pnone	Directory	/ V1S1U:	
44 //-			/ 1	//

nttps://www.emnrd.nm.gov/ocd/contact-us/

									☐ As Drilled	
				•	WELL LOCA	ATION INFORMATION				
API Nu			Pool Code			Pool Name				
30-045 Propert			72359 Property N	ame		Blanco Pictured Cliffs Well Number				er
318819	<u> </u>		Moore LS						2A	
OGRII 372171	No.		Operator N						Ground Lev 6371	el Elevation
	Owner: 🗆 S	State □ Fee □	Hilcorp Ene Tribal ⊠ Fe		any	Mineral Owner:	State □ Fee	☐ Tribal		
	•		1	_	Sur	rface Location			1	
UL E	Section 26	Township 32N	Range 12W	Lot	Ft. from N/S 1645' N	Ft. from E/W 1090' W	Latitude 36.959831	2	Longitude -108.0700531	County San Juan
					Botto	m Hole Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County
	ted Acres	Infill or Defi	ning Well	Definin	ig Well API	Overlapping Spacin	g Unit (Y/N)	Consolie N/A	dation Code	
Order Numbers.				Well setbacks are under Common Ownership: □Yes □No						
Order I					Well setoucks are un	ider Common v	3 whersing	5. L. 1 cs L. 1 to		
	I a .	T	T =	1.		Off Point (KOP)	1			I a
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County
	I	I	1	1	First'	Take Point (FTP)	I			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County
					Last	 Γake Point (LTP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude		Longitude	County
	1	1	<u>'</u>	1	•	•			ı	1
Unitize	d Area or Ar	ea of Uniform I	nterest	Spacing	g Unit Type 🗆 Ho	rizontal ⊠ Vertical	Grou 6386	nd Floor I	Elevation:	
OPER A	ATOR CERT	IFICATIONS				SURVEYOR CERTIFI	CATIONS			
I hereby my knov organiza includin location	certify that the vledge and beloation either ow g the proposed pursuant to a	e information con ief, and, if the wel ns a working inte l bottom hole loca contract with an a	l is a vertical or rest or unleased ation or has a ri owner of a work	r directional d mineral int ght to drill t ing interest o	terest in the land	I hereby certify that the v surveys made by me or un my belief.	vell location sho			
entered	by the division		•		on has received the					
consent in each	of at least one tract (in the ta	lessee or owner o	f a working inte ation) in which	erest or unled any part of t	ased mineral interest he well's completed					
Che	rylene \	<b>N</b> eston	1	1/8/202	4	James P. Leese				
Signatur			Date	11 01 202		Signature and Seal of Profes	ssional Surveyor			
Chor	ulana Wast	ton, Operati	ons/Poquila	tory Too	h_Sr					
Printed N		ion, operati	oris/ixegula	itory rec	11-31.	Certificate Number	Date of Surve	ev		_

1463

Date of Survey

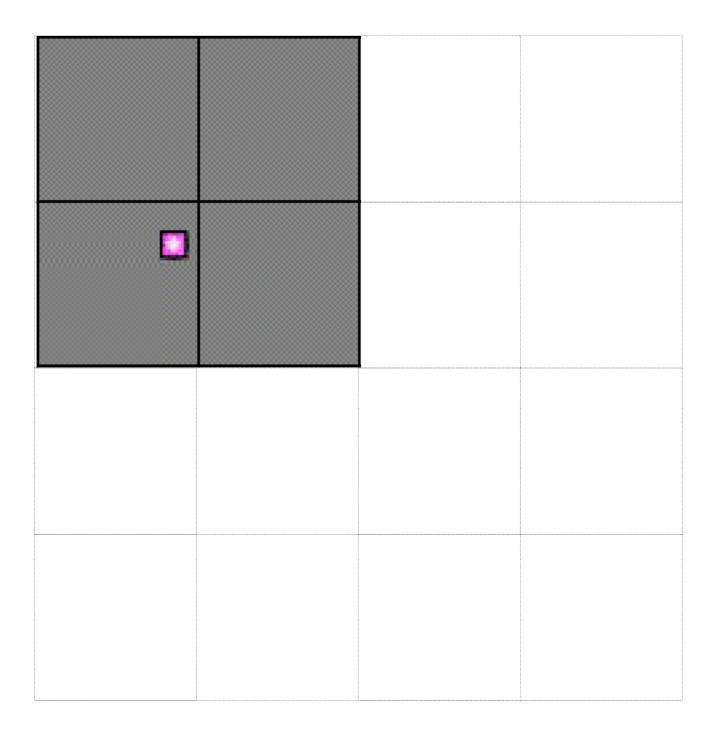
11/10/1977

cweston@hilcorp.com

Email Address

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.

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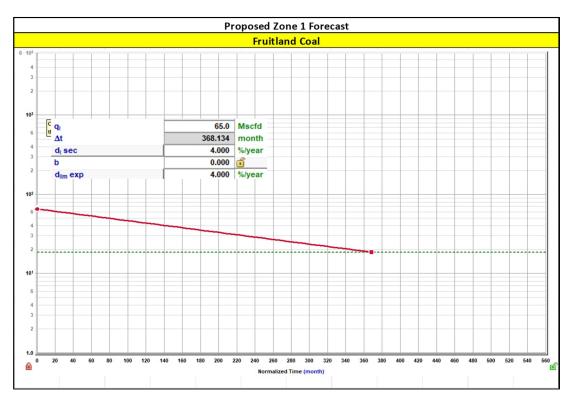


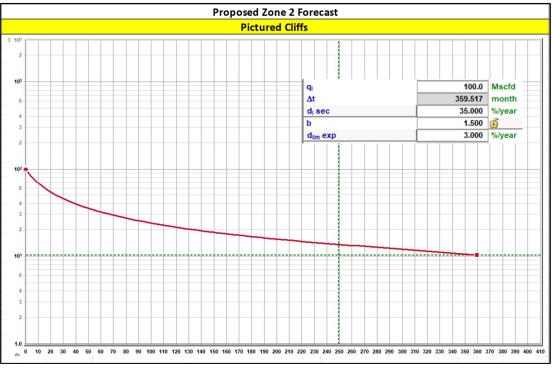
## Moore LS 2A -Production Allocation

## **Gas Allocation:**

The well is currently a standalone Mesaverde well and will be recompleted into the Fruitland Coal and Pictured Cliffs zones. The Mesaverde is temporarily abandoned and will not be returned to production. Historical offsets were used to create a fixed rate allocation between Fruitland Coal and Pictured Cliffs.

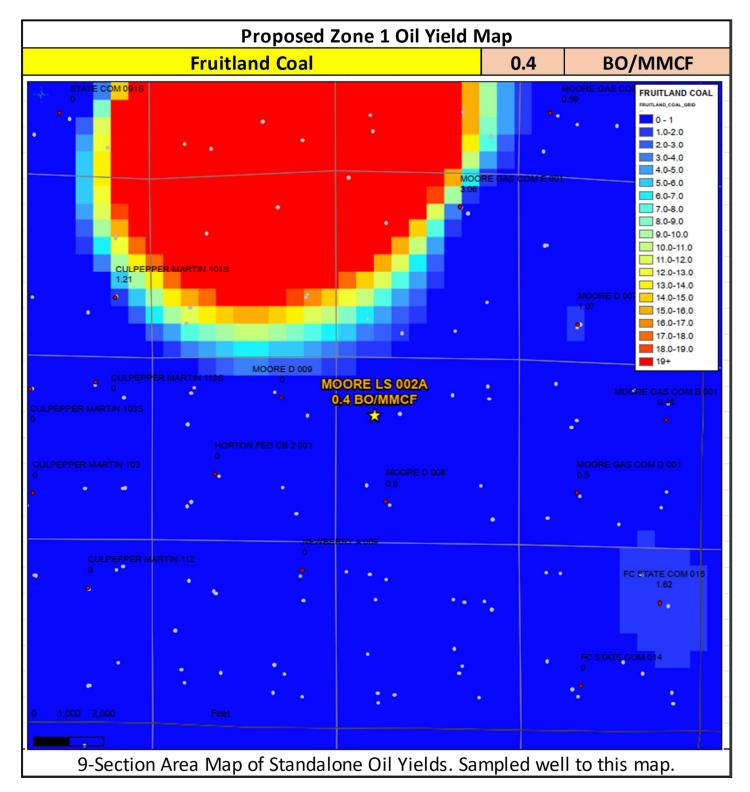
Formation	Oil Yield (bbl/MM)	Forecasted 4-year avg Gas Rate (MCFD)	% Gas Allocation	Forecasted 4-year avg Oil Rate (BOPD)	% Oil Allocation
PC	0	56	48%	0.000	0%
FRC	0.4	61	52%	0.022	100%

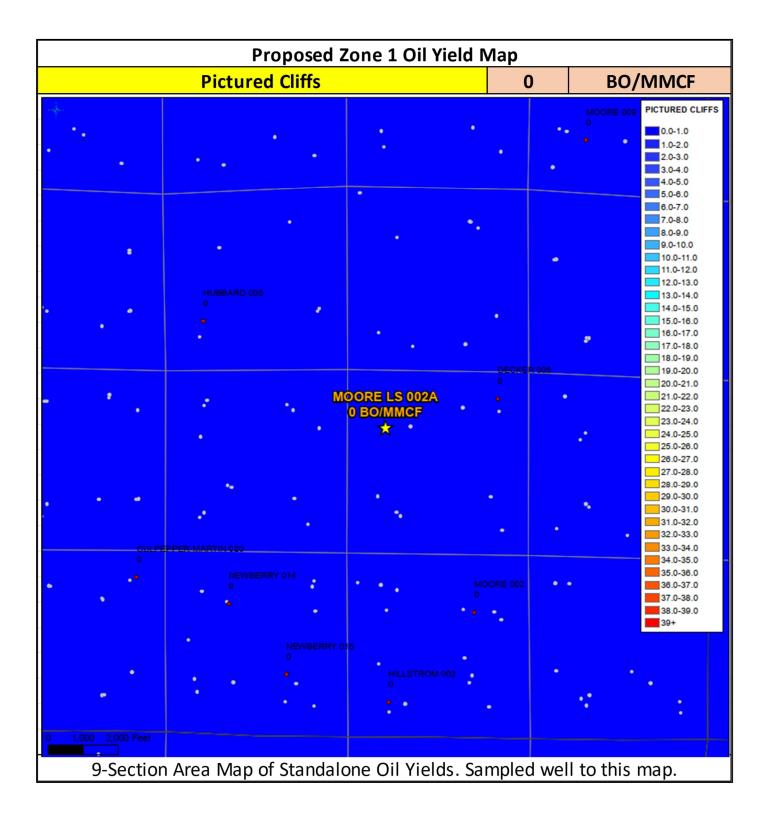




# Oil Allocation:

Oil production will be a fixed allocation based on average formation yields from offset wells. See above table for oil split.







May 15, 2025

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

**Re:** C-103 (Downhole Commingle)

Moore LS #2A API No. 30-045-22827 E-26, T32N-R12W San Juan County, NM

## Gentlemen:

Concerning Hilcorp Energy Company's C-103 application to downhole commingle production in the subject well, this letter serves to confirm the following:

All working, royalty and overriding royalty interests are identical between the Blanco Pictured Cliffs (Pool Code: 72359) and Basin Fruitland Coal (Pool Code: 71629) in the spacing units dedicated to these formations. Therefore, no notice to interest owners is required.

The spacing unit is comprised of a Federal Lease. Therefore, pursuant to Subsection C.(1) of 19.15.12.11 NMAC, written notice has been sent to the Bureau of Land Management as of the date of this letter.

If you have any questions or concerns, please contact the undersigned using the information provided below.

Sincerely,

By: HILCORP ENERGY COMPANY, Its General Partner

Carson Parker Rice Landman – San Juan Basin Hilcorp Energy Company 1111 Travis Street

Houston, Texas 77002 713-757-7108 Direct

Email: carice@hilcorp.com

From: Cheryl Weston

To: <u>McClure, Dean, EMNRD; Mandi Walker; Dawn Nash-Deal</u>

Cc: Lowe, Leonard, EMNRD

Subject: RE: [EXTERNAL] 30-045-22827 MOORE LS #002A

**Date:** Thursday, May 15, 2025 9:49:45 AM

Attachments: Moore LS 2A Rev Pluq Depth BLM OCD Approved.pdf

Moore LS 2A DHC C-103.pdf

Dean,

Good morning. Hilcorp has received approvals from BLM (Kenny Rennick) and NMOCD (Monica Kuehling) to set the CIBP at 4527' to isolate the Mesaverde zone. The DHC was revised to a C-103 and is attached. Please replace the C-107A with the C-103 on **Action ID 400866**.

Hilcorp requests administrative approval of the revised DHC.

Thanks,

# **Cheryl Weston**

San Juan North Operations/Regulatory Tech-Sr.

1111 Travis Street | Houston, TX 77002

Ofc: 713.289.2615 | cweston@hilcorp.com



From: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>

**Sent:** Wednesday, May 14, 2025 2:44 PM

To: Cheryl Weston <cweston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Dawn Nash-

Deal <dnash@hilcorp.com>

**Cc:** Lowe, Leonard, EMNRD < Leonard.Lowe@emnrd.nm.gov> **Subject:** RE: [EXTERNAL] 30-045-22827 MOORE LS #002A

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

Sounds good. I hadn't known the exact details, but that makes sense from my discussion with Leonard.

Dean McClure

Petroleum Engineer, Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department (505) 469-8211

From: Cheryl Weston < <a href="mailto:cweston@hilcorp.com">cweston@hilcorp.com</a>>
Sent: Wednesday, May 14, 2025 1:39 PM

**To:** McClure, Dean, EMNRD < <u>Dean.McClure@emnrd.nm.gov</u>>; Mandi Walker

<<u>mwalker@hilcorp.com</u>>; Dawn Nash-Deal <<u>dnash@hilcorp.com</u>>

**Cc:** Lowe, Leonard, EMNRD < Leonard.Lowe@emnrd.nm.gov> **Subject:** RE: [EXTERNAL] 30-045-22827 MOORE LS #002A

Hello, Dean.

Today we are attempting to fish the stuck tubing. If successful, we will proceed with the C-107A FRC/PC/MV DHC. If not, we will request permission to abandon the MV and send in a revised C-103 DHC for the FRC/PC only.

The rig is still on the well as of now. We will know more later today. I will keep you posted.

Thanks, Cheryl

From: McClure, Dean, EMNRD < Dean. McClure@emnrd.nm.gov>

**Sent:** Wednesday, May 14, 2025 2:34 PM

**To:** Cheryl Weston <<u>cweston@hilcorp.com</u>>; Mandi Walker <<u>mwalker@hilcorp.com</u>>; Dawn Nash-

Deal <<u>dnash@hilcorp.com</u>>

Cc: Lowe, Leonard, EMNRD < Leonard.Lowe@emnrd.nm.gov>

**Subject:** [EXTERNAL] 30-045-22827 MOORE LS #002A

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

Cheryl,

Does Hilcorp know which pools it intends to commingle within the well bore of the well referenced in the subject line of this email? From touching base with Leonard earlier this week, my impression had been that it is either going to be the FLC, PC, and MV or else a combination of 2 of those pools, but that Hilcorp has not decided yet at that point.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

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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

COMMENTS

Action 400866

#### **COMMENTS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	400866
	Action Type:
	[C-107] Down Hole Commingle (C-107A)

## COMMENTS

Created	Comment	Comment
Зу		Date
llowe	C-107A effort ceased, converted to C-103 application on 05/15/25	5/19/2025

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

Action 400866

#### **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	400866
	Action Type:
	[C-107] Down Hole Commingle (C-107A)

#### CONDITIONS

Created	Condition	Condition
Ву		Date
llowe	None	5/7/2025