

<h1 style="margin: 0;">Hilcorp Energy Company</h1> <h2 style="margin: 0;">PRODUCTION ALLOCATION FORM</h2>					Distribution: BLM / NMOCD Original Accounting Well File Revised: September 25, 2019																					
Commingle Type SURFACE <input type="checkbox"/> DOWNHOLE <input checked="" type="checkbox"/> Type of Completion NEW DRILL <input type="checkbox"/> RECOMPLETION <input checked="" type="checkbox"/> PAYADD <input type="checkbox"/> COMMINGLE <input type="checkbox"/>					Status PRELIMINARY <input checked="" type="checkbox"/> FINAL <input type="checkbox"/> REVISED <input type="checkbox"/>																					
					Date: 07/19/2023 API No. 30-039-20369 DHC No. DHC-4920 Lease No. NMSF080668																					
Well Name SAN JUAN 27-4 UNIT					Well No. 59																					
Unit Letter G	Section 4	Township 27N	Range 04W	Footage 1460' FNL & 1800' FEL	County, State Rio Arriba, New Mexico																					
Completion Date 6/26/2023		Test Method HISTORICAL <input type="checkbox"/> FIELD TEST <input type="checkbox"/> PROJECTED <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>																								
JUSTIFICATION OF ALLOCATION: Hilcorp requests that production for the downhole commingle be allocated using the subtraction method in agreement with local agencies. The base formation is the Dakota and the added formations to be commingled is the Mesaverde. The subtraction method applies an average monthly production forecast to the base formation(s) using historic production. All production from this well exceeding the forecast will be allocated to the new formation(s). After 3 years production will stabilize. A production average will be gathered during the 4 th year and will be utilized to create a fixed percentage based allocation.																										
Oil production will be allocated based on average formation yields from offset wells and will be a fixed rate for 4 years. MV 99.96%, DK 0.04% After 4 years oil will be reevaluated and adjust as needed based on average formation yields and new fixed gas allocation.																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">NAME</th> <th style="width: 15%;">DATE</th> <th style="width: 30%;">TITLE</th> <th style="width: 15%;">PHONE</th> </tr> </thead> <tbody> <tr> <td>X <i>Cherylene Weston</i></td> <td></td> <td>Operations/Regulatory Tech – Sr.</td> <td>713-289-2615</td> </tr> <tr> <td>Cherylene Weston</td> <td>7/19/2023</td> <td></td> <td></td> </tr> <tr> <td>For Technical Questions: Ray Brandhurst</td> <td></td> <td>Reservoir Engineer</td> <td>713-757-5224</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							NAME	DATE	TITLE	PHONE	X <i>Cherylene Weston</i>		Operations/Regulatory Tech – Sr.	713-289-2615	Cherylene Weston	7/19/2023			For Technical Questions: Ray Brandhurst		Reservoir Engineer	713-757-5224				
NAME	DATE	TITLE	PHONE																							
X <i>Cherylene Weston</i>		Operations/Regulatory Tech – Sr.	713-289-2615																							
Cherylene Weston	7/19/2023																									
For Technical Questions: Ray Brandhurst		Reservoir Engineer	713-757-5224																							

Dean R McClure 09/27/2023

Well Name: SAN JUAN 27-4 UNIT	Well Location: T27N / R4W / SEC 4 / SWNE / 36.60524 / -107.253235	County or Parish/State: RIO ARRIBA / NM
Well Number: 59	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080668	Unit or CA Name: SAN JUAN 27-4 UNIT--DK	Unit or CA Number: NMNM78408B
US Well Number: 3003920369	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Sundry ID: 2741929

Type of Submission: Notice of Intent

Type of Action: Commingling (Subsurface)

Date Sundry Submitted: 07/20/2023

Time Sundry Submitted: 07:17

Date proposed operation will begin: 06/26/2023

Procedure Description: Please see the attached allocation.

NOI Attachments

Procedure Description

SJ_27_4_Unit_59_Preliminary_Subtraction_Allocation_Form_20230720071716.pdf

Well Name: SAN JUAN 27-4 UNIT

Well Location: T27N / R4W / SEC 4 / SWNE / 36.60524 / -107.253235

County or Parish/State: RIO ARRIBA / NM

Well Number: 59

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF080668

Unit or CA Name: SAN JUAN 27-4 UNIT--DK

Unit or CA Number: NMNM78408B

US Well Number: 3003920369

Well Status: Producing Gas Well

Operator: HILCORP ENERGY COMPANY

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHERYLENE WESTON

Signed on: JUL 20, 2023 07:17 AM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: cweston@hilcorp.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 07/20/2023

Signature: Kenneth Rennick

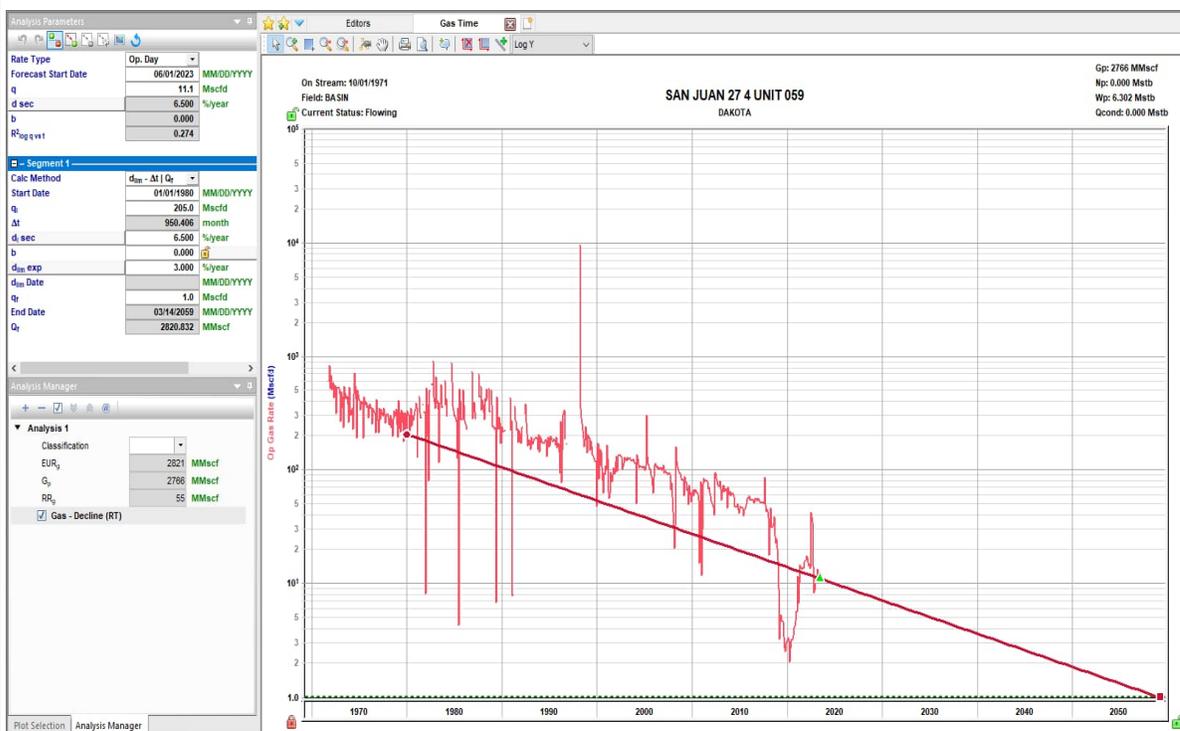
San Juan 27-4 Unit 59 Subtraction Allocation

Date	Mcf/d
Jun-23	11
Jul-23	11
Aug-23	10.9
Sep-23	10.9
Oct-23	10.8
Nov-23	10.7
Dec-23	10.7
Jan-24	10.6
Feb-24	10.6
Mar-24	10.5
Apr-24	10.4
May-24	10.4
Jun-24	10.3
Jul-24	10.3
Aug-24	10.2
Sep-24	10.2
Oct-24	10.1
Nov-24	10
Dec-24	10
Jan-25	9.9
Feb-25	9.9
Mar-25	9.8
Apr-25	9.8
May-25	9.7
Jun-25	9.7
Jul-25	9.6
Aug-25	9.6
Sep-25	9.5
Oct-25	9.4
Nov-25	9.4
Dec-25	9.3
Jan-26	9.3
Feb-26	9.2
Mar-26	9.2
Apr-26	9.1
May-26	9.1
Jun-26	9
Jul-26	9
Aug-26	8.9
Sep-26	8.9
Oct-26	8.8
Nov-26	8.8
Dec-26	8.7
Jan-27	8.7
Feb-27	8.6
Mar-27	8.6
Apr-27	8.5
May-27	8.5

Gas Allocation:

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



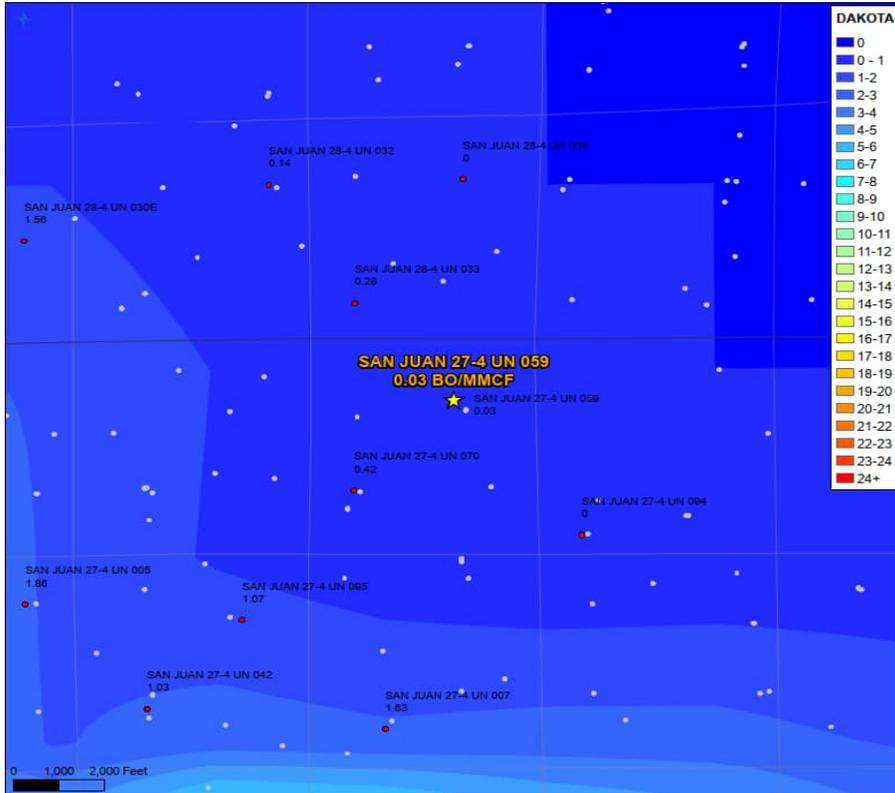
Oil Allocation:

Oil production will be allocated based on average formation yields from offset wells and will be a fixed rate for 4 years.

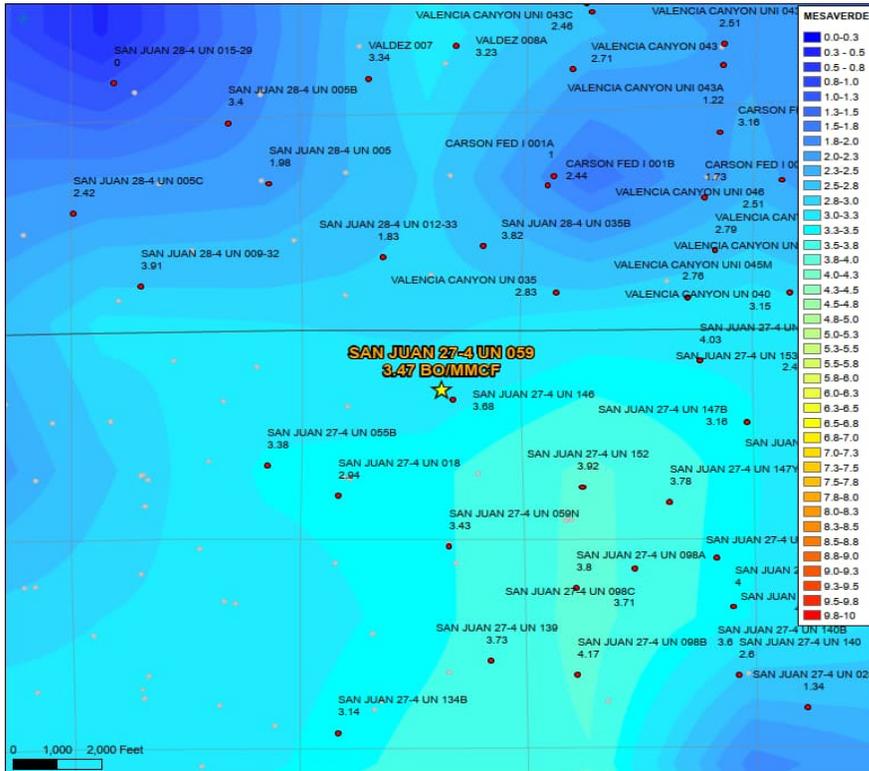
After 4 years oil will be reevaluated and adjusted as needed based on average formation yields and new fixed gas allocation.

Formation	Yield (bbl/MM)	Remaining Reserves (MMcf)	% Oil Allocation
DK	0.03	55	0.04%
MV	3.47	1100	99.96%

DK OIL YIELD MAP



MV OIL YIELD MAP



District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 269789

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 269789
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
dmcclore	None	9/27/2023