

NMOCD

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Revised: March 9, 2018

# Hilcorp Energy Company

## PRODUCTION ALLOCATION FORM

Status  
PRELIMINARY ☒  
FINAL ☐  
REVISED ☐

Date: 5/7/2018

API No. 30-039-29896

DHC No. DHC 3993AZ

Lease No. Fee

Commingle Type

SURFACE ☐ DOWNHOLE ☒

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLE ☐

Well Name

San Juan 29-5 Unit

Well No.

#48A

Unit Letter

D

Section

15

Township

T29N

Range

R05W

Footage

700'FNL & 300'FWL

County, State

Rio Arriba,  
New Mexico

Completion Date

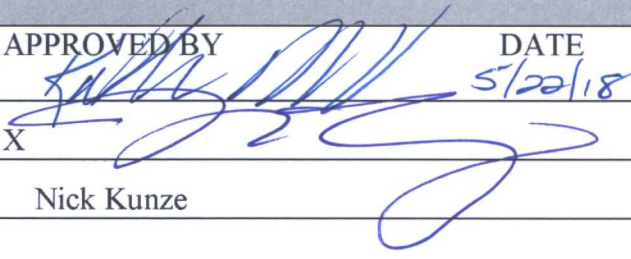
5/2/2018

Test Method

HISTORICAL ☐ FIELD TEST ☐ PROJECTED ☐ OTHER ☒

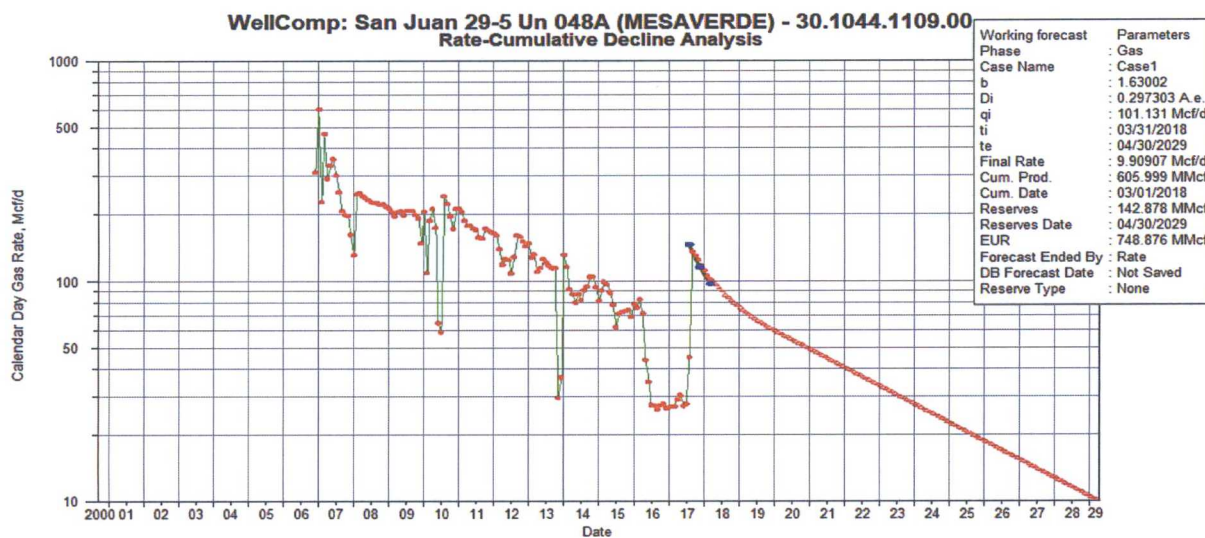
JUSTIFICATION OF ALLOCATION: Hilcorp requests that production for the downhole commingle be allocated using the subtraction method. The base formation is the Mesaverde and the added formation to be commingled is the Pictured Cliffs. The subtraction method applies an average monthly production forecast to the base formation(s) using historic production. All production from this well exceeding the forecast will be allocated to the new formation(s). A fixed percentage based allocation will be submitted after the fourth year of production. See attached documents for production forecast.

Oil production will be allocated based on average formation yields from offset wells: PC- 45%, MV- 55%

APPROVED BY	DATE	TITLE	PHONE
	5/22/18	Area Operations Manager	713-209-2449
X			
Nick Kunze			

## San Juan 29-5 Unit 48A Subtraction Allocation

Base formation is the Mesaverde and the added formation to be commingled is the Pictured Cliffs. 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. Oil production will be allocated based on average formation yields from offset wells.



Formation	Yield (bbl/MM)	Remaining Reserves (MMcf)	% Oil Allocation
MV	0.347	142.9	55%
PC	0.05	802	45%

Date	Mcf/d
Apr-18	99.22
May-18	95.57
Jun-18	92.26
Jul-18	89.23
Aug-18	86.41
Sep-18	83.85
Oct-18	81.48
Nov-18	79.28
Dec-18	77.22
Jan-19	75.28
Feb-19	73.54
Mar-19	71.9
Apr-19	70.31
May-19	68.8
Jun-19	67.38
Jul-19	66.03
Aug-19	64.73
Sep-19	63.52
Oct-19	62.36
Nov-19	61.26
Dec-19	60.2
Jan-20	59.18
Feb-20	58.23
Mar-20	57.32
Apr-20	56.41
May-20	55.51
Jun-20	54.62
Jul-20	53.75
Aug-20	52.88
Sep-20	52.04
Oct-20	51.21
Nov-20	50.39
Dec-20	49.59
Jan-21	48.79
Feb-21	48.04
Mar-21	47.29
Apr-21	46.54
May-21	45.8
Jun-21	45.07
Jul-21	44.35
Aug-21	43.63
Sep-21	42.94
Oct-21	42.25
Nov-21	41.58
Dec-21	40.92
Jan-22	40.26
Feb-22	39.63
Mar-22	39.02