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# Hilcorp Energy Company

## PRODUCTION ALLOCATION FORM

NMOC

 Farmington Field Office  
 Bureau of Land Management

 Distribution:  
 NMOC Original  
 BLM 5 Copies  
 Accounting  
 Well File  
 Revised: March 9, 2018

Status

PRELIMINARY ☒FINAL ☐REVISED ☐

Commingled Type

SURFACE ☐ DOWNHOLE ☒

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLED ☐

AUG 01 2019

DISTRICT III

Date: 5/14/19

API No. 30-039-22995

DHC No. DHC4016AZ

Lease No. NMSF080379

Federal

Well Name

San Juan 29-6 Unit

Well No.

#114

Unit Letter

A

Section

7

Township

T29N

Range

R06W

Footage

810'FNL &amp; 1090'FEL

County, State

Rio Arriba,  
New Mexico

Completion Date

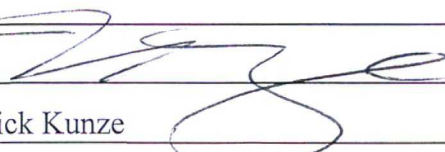
4/15/2019

Test Method


HISTORICAL ☐ FIELD TEST ☐ PROJECTED ☐ OTHER ☒

JUSTIFICATION OF ALLOCATION: Hilcorp requests that production for the downhole commingled be allocated using the subtraction method. 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(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: MV- 100%, DK- 0%

APPROVED BY	DATE	TITLE	PHONE
X 		Area Operations Manager	713-209-2449
Nick Kunze			

ACCEPTED FOR RECORD

 JUL 19 2019  
 FARMINGTON FIELD OFFICE  
 BY: 

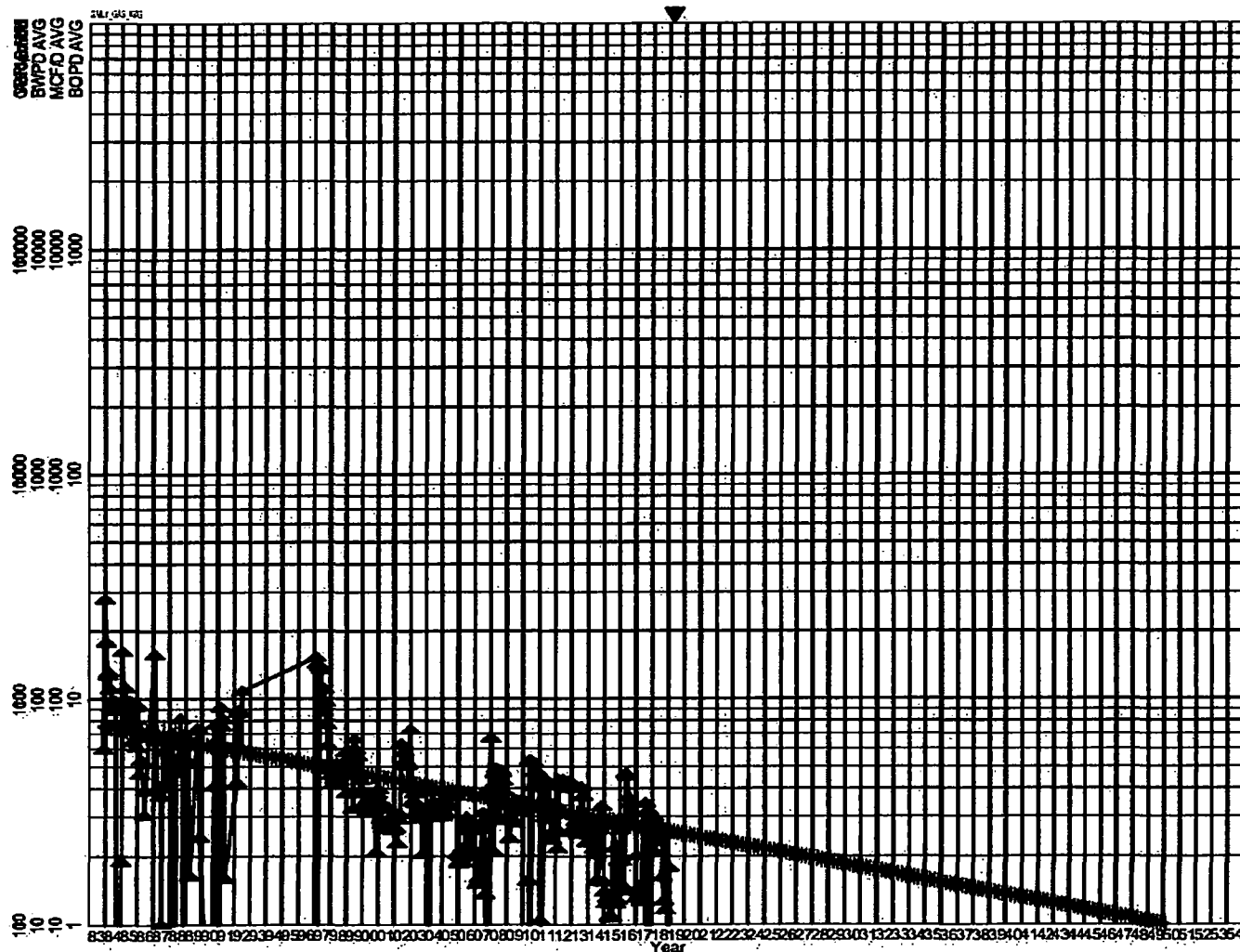
NMOC

# San Juan 29-6 Unit 114 Subtraction Allocation

Date	Mcf/d
Apr-19	25.7
May-19	25.6
Jun-19	25.5
Jul-19	25.5
Aug-19	25.4
Sep-19	25.3
Oct-19	25.3
Nov-19	25.2
Dec-19	25.2
Jan-20	25.1
Feb-20	25.0
Mar-20	25.0
Apr-20	24.9
May-20	24.8
Jun-20	24.8
Jul-20	24.7
Aug-20	24.6
Sep-20	24.6
Oct-20	24.5
Nov-20	24.5
Dec-20	24.4
Jan-21	24.3
Feb-21	24.3
Mar-21	24.2
Apr-21	24.2
May-21	24.1
Jun-21	24.0
Jul-21	24.0
Aug-21	23.9
Sep-21	23.8
Oct-21	23.8
Nov-21	23.7
Dec-21	23.7
Jan-22	23.6
Feb-22	23.5
Mar-22	23.5
Apr-22	23.4
May-22	23.4
Jun-22	23.3
Jul-22	23.2
Aug-22	23.2
Sep-22	23.1
Oct-22	23.1
Nov-22	23.0
Dec-22	23.0
Jan-23	22.9
Feb-23	22.8
Mar-23	22.8

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. Oil production will be allocated based on average formation yields from offset wells.

**SAN JUAN 29-6 114**  
FIELD: San Juan Area 12  
RESERVIOR: DAKOTA  
API: 3003922895



MCF/D AVG	CGA0118
Qual	4/2019
Ref	4/2019
Cum	293097
Rem	703348
EUR	99.500
Yrs	25.7
Q1	0.000000
b	3.000000
De	1.2
Qab	
BOPD AVG	
Ref	4/2019
Cum	0
BWPD AVG	
Ref	4/2018
Cum	1092
GOR-scf/bbl	
Yield, B/MM	

Formation	Yield (bbl/MM)	Remaining Reserves (MMcf)	% Oil Allocation
DK	0	293.097	0%
MV	1.74	1461	100%