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Revised: March 9, 2006

PRODUCTION ALLOCATION FORM

Commingle Type

SURFACE ☐ DOWNHOLE ☒

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLE ☐

Status

PRELIMINARY ☒FINAL ☐REVISED ☐

Date: 9/23/2011

API No. 30-039-20242

DHC No. DHC3556AZ

Lease No. SF-080516

Well Name

San Juan 28-5 Unit

Well No.

#83

Unit Letter

M

Section

16

Township

T028N

Range

R005W

Footage

1150' FSL & 1150' FWL

County, State

Rio Arriba County,
New Mexico

Completion Date

8/5/2011

Test Method

HISTORICAL ☐ FIELD TEST ☐ PROJECTED ☐ OTHER ☒

JUSTIFICATION OF ALLOCATION: ConocoPhillips requests that production for the downhole commingle 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 is allocated based on average formation yields from offset wells. MV-79%, DK-21%

APPROVED BY

DATE

TITLE

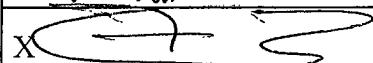
PHONE

Joe Hewitt

9-28-11

Geo

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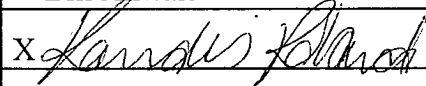
X 

9/23/11

Engineer

505-599-4076

Bill Akwari

X 

9/23/11

Engineering Tech.

505-326-9743

Kandis Roland

NMOC

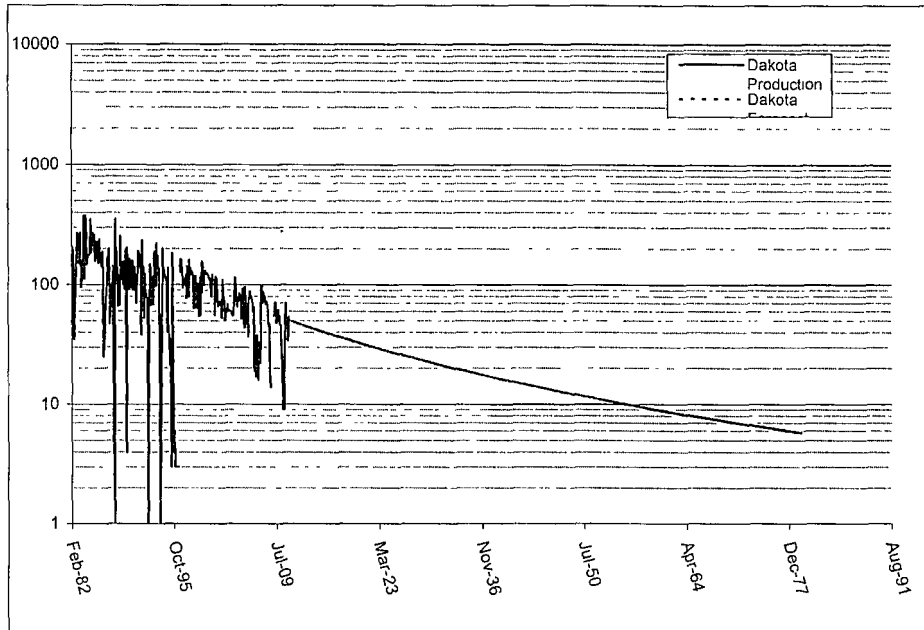
A



San Juan 28 5 Unit 83 Subtraction Allocation Attachment

ConocoPhillips requests that production for the downhole commingle of the San Juan 28 5 Unit 83 be allocated using the subtraction method. The base formation is the Dakota and the added formation to be commingled is the Mesa Verde.

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).



Total Forecast	
Date	MCFD
Nov-11	49.07
Dec-11	48.86
Jan-12	48.66
Feb-12	48.45
Mar-12	48.25
Apr-12	48.04
May-12	47.84
Jun-12	47.64
Jul-12	47.44
Aug-12	47.24
Sep-12	47.05
Oct-12	46.85
Nov-12	46.66
Dec-12	46.46
Jan-13	46.27
Feb-13	46.08
Mar-13	45.89
Apr-13	45.70
May-13	45.51
Jun-13	45.33
Jul-13	45.14
Aug-13	44.96
Sep-13	44.77
Oct-13	44.59
Nov-13	44.41
Dec-13	44.23
Jan-14	44.05
Feb-14	43.87
Mar-14	43.69
Apr-14	43.52
May-14	43.34
Jun-14	43.17
Jul-14	42.99
Aug-14	42.82
Sep-14	42.65
Oct-14	42.48
Nov-14	42.31
Dec-14	42.14
Jan-15	41.97
Feb-15	41.81
Mar-15	41.64
Apr-15	41.48
May-15	41.31
Jun-15	41.15
Jul-15	40.99
Aug-15	40.83
Sep-15	40.67
Oct-15	40.51

Oil production will be allocated based on average formation yields from offset wells. Average yields for each formation are below.

Formation	Yield	Gas EUR	Oil Allocation
Dakota	1.04 bbl/mmscf	0.449 BCF	21%
Mesa Verde	3.93 bbl/mmscf	0.479 BCF	79%