

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

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Revised: March 9, 2006

Status
PRELIMINARY ☒
FINAL ☐
REVISED ☒ 3rd Allocation

Date: 4/11/2014

API No. 30-045-35250

DHC No. DHC3605AZ

Lease No. SF-077107-A
Federal

Commingle Type

SURFACE ☐ DOWNHOLE ☒

Type of Completion

NEW DRILL ☒ RECOMPLETION ☐ PAYADD ☐ COMMINGLE ☐

Well Name

Blanco Wash Federal

Well No.

#3M

Unit Letter	Section	Township	Range	Footage	County, State
Surf- F	27	T028N	R009W	1723' FNL & 1547' FWL	San Juan County, New Mexico
BH- K	27	T028N	R009W	2333' FSL & 1885' FWL	

Completion Date

7/15/2013

Test Method

HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐ APR 21 2014

OIL CONS. DIV DIST.

FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
MESAVERDE		20%		14%
DAKOTA		80%		86%

JUSTIFICATION OF ALLOCATION: Third Allocation: These percentages are based upon compositional gas analysis tests from the Mesaverde and Dakota formations during completion operations. Subsequent allocations will be submitted every three months after the first delivery date. Allocation splits will keep changing until the gas analysis mole fractions stabilize. Condensate percentages are based upon the formation yields.

APPROVED BY	DATE	TITLE	PHONE
<i>Gov. Hermit</i>	4-18-14	Geo	564-7740
X <i>[Signature]</i>	4/14/14	Engineer	505-599-4081
Stephen Read			
X <i>Shara Graham</i>	4/11/14	Engineering Tech.	505-326-9819
Shara Graham			

NMOCD FY

COMPOSITIONAL ALLOCATION FORM

COMPANY: CONOCOPHILLIPS

WELL INFORMATION

LOCATION: NM028N09W027K Downhole
WELLNAME: Blanco Wash Federal 3M
API NUMBER: 3004535250
LEASE NUMBER:
COUNTY/ STATE: San Juan, NM
FORMATIONS: MV/DK (BLANCO MESAVERDE/ BASIN DAKOTA)
DHC # APPROVAL: DHC3605AZ
ALLOCATION NUMBER: 3

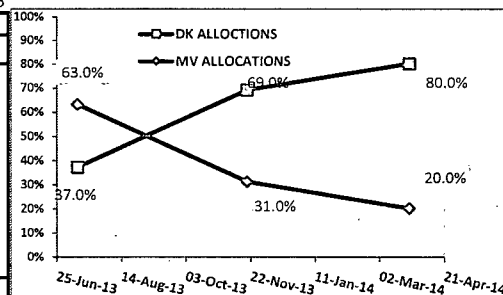
SAMPLE DATA

ANALYSIS FROM: Gas Analysis Service (Phone 505-5998998)

ANALYSIS REF NUMBER: CP140241 07/11/13

SAMPLE DATE: 3/25/2014

COMPONENT	MOLE %	NORM HC %	BTU
NITROGEN	1.04		
CO2	0.97		
METHANE	77.34	78.9%	781.17
ETHANE	10.47	10.7%	185.28
PROPANE	5.49	5.60%	138.03
I-BUTANE	1.15	1.2%	37.52
N-BUTANE	1.51	1.5%	49.14
I-PENTANE	0.59	0.6%	23.60
N-PENTANE	0.42	0.4%	17.00
HEXANE PLUS	1.02	1.0%	53.77
	100.000		1305.78
HYDROCARBON	97.992		



END POINTS INFORMATION

FROM STAND ALONE WELLS OR REAL TIME DATA

END POINTS INFORMATION	METHANE		ETHANE		PROPANE		TOTAL BUTANE	
	C1MV	C1DK	C2MV	C2DK	C3MV	C3DK	C4MV	C4DK
CONCENTRATION	75.57%	79.55%	11.60%	10.39%	7.69%	4.97%	3.47%	2.80%
Confidence ratio*	6.4		2.5		6.22		1.7	

*(Endpoints diff / Observed Variance)

☐ If red, Member Conf ratio too low to be used for allocation purposes

	MV	DK	MV	DK	MV	DK	MV	DK
Allocations*	16.0%	84.0%	Low Conf	Low Conf	23%	77%	Low Conf	Low Conf

*Calculated using formulas below

MV ALLOC=

DKendP-Mix / DKendP-MVendP

DK ALLOC=

Mix-MVPend / DKendP-MVendP

CENTRAL MEMBER*

CONF. RATIO	COMP
6.4	C1
CM ALLOC	
MV	DK
16%	84%

*Central Member (Component with higher Confidence Ratio)

ALLOCATION CALCULATION

ONLY THOSE COMPONENTS WHOSE ALLOCATIONS ARE 15% POINTS WITHIN THE CENTRAL MEMBER WILL BE USED FOR THE AVERAGE ESTIMATION (Zeros and Neg Discarded)

15% Check	MV ALL
C1	16.000%
C2	
C3	23.000%
C4	

OFFICIAL GAS ALLOC	
MV	DK
20.0%	80.0%
OIP	OIP
14%	86%

* Oil allocation based on Historical yields

* If both are zero then Oil alloc= Gas alloc

SIGNATURES

NAME	TITLE	DATE	SIGNATURE