

BURLINGTON RESOURCES

NOV 13 2014

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Well File
Revised: March 9, 2006

PRODUCTION ALLOCATION FORM

Status
PRELIMINARY ☒
FINAL ☐
REVISED ☒ 5th Allocation

Commingle Type
SURFACE ☐ DOWNHOLE ☒

OIL CONS. DIV DIST. 3

Date: 9/16/2014

Type of Completion
NEW DRILL ☒ RECOMPLETION ☐ PAYADD ☐ COMMINGLE ☐

NOV 18 2014

API No. 30-039-31161
DHC No. DHC3741AZ
Lease No. E-5184-49
State

Well Name
San Juan 29-7 Unit

Well No.
#93C

Unit Letter	Section	Township	Range	Footage	County, State
Surf- J	2	T029N	R007W	2636' FSL & 2206' FEL	Rio Arriba County,
BH- F	2	T029N	R007W	2009' FNL & 1907' FWL	New Mexico

Completion Date	Test Method
6/25/2013	HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐

FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
MESAVERDE		32%		86%
DAKOTA		68%		14%

JUSTIFICATION OF ALLOCATION: **Fifth 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>Joe Hewitt</i>	11-14-14	GEO	564-7740
X <i>Erica Herring</i>	11.11.14	Engineer	505-326-9854
Erica Herring			
X <i>Shara Graham</i>	11/11/14	Engineering Tech.	505-326-9819
Shara Graham			

COMPOSITIONAL ALLOCATION FORM

COMPANY: CONOCOPHILLIPS

WELL INFORMATION

LOCATION: NM029N07W002J Downhole
WELLNAME: San Juan 29-7 Unit 93C
API NUMBER: 3003931161
LEASE NUMBER:
COUNTY/ STATE: Rio arriba, NM
FORMATIONS: MV/DK (BLANCO MESAVERDE/ BASIN DAKOTA)
DHC # APPROVAL: DHC3741AZ
ALLOCATION NUMBER: 5

OIL CONS. DIV DIST. 3

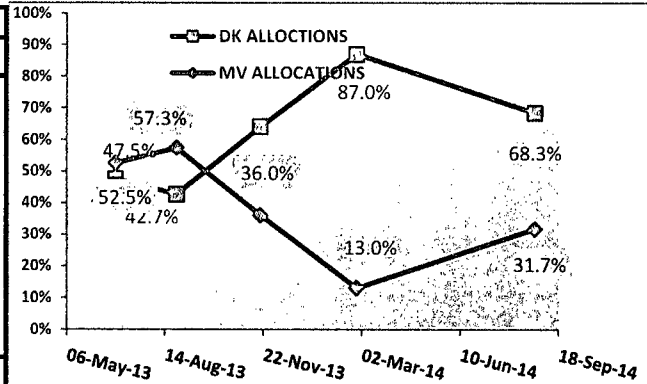
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SAMPLE DATA

ANALYSIS FROM: Gas Analysis Service (Phone 505-5998998)
ANALYSIS REF NUMBER: CP140387 06/25/13

SAMPLE DATE: 8/25/2014

COMPONENT	MOLE %	NORM HC %	BTU
NITROGEN	0.17		
CO2	1.53		
METHANE	88.91	90.4%	897.97
ETHANE	5.61	5.7%	99.23
PROPANE	1.91	1.94%	48.06
I-BUTANE	0.50	0.5%	16.22
N-BUTANE	0.49	0.5%	16.12
I-PENTANE	0.24	0.2%	9.60
N-PENTANE	0.13	0.1%	5.01
HEXANE PLUS	0.52	0.5%	27.15
	100.000		1136.55
HYDROCARBON	98.298		



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	83.27%	93.95%	10.05%	3.79%	3.91%	1.07%	1.74%	0.57%
Confidence ratio*	15.1		20.1		16.54		7.2	

*(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*	33.0%	67.0%	31%	69%	31%	69%	15%	85%

Calculated using formulas below

MV ALLOC=

DKendP-Mix / DKendP-MVendP

DK ALLOC=

Mix-MVPend / DKendP-MVendP

CENTRAL MEMBER*

CONF RATIO	COMP
20.1	C2
CM ALLOC	
MV	DK
31%	69%

*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	33.000%
C2	31.000%
C3	31.000%
C4	

OFFICIAL GAS ALLOC

MV	DK
31.7%	68.3%
Oil	Oil
86%	14%

* Oil allocation based on Historical yields

* If both are zero then Oil alloc= Gas alloc

SIGNATURES

NAME	TITLE	DATE	SIGNATURE
_____	_____	_____	_____
_____	_____	_____	_____