

JUL 20 2015

Area: «TEAM»

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

Distribution:
BLM 4 Copies
Regulatory
Accounting
Well File
Revised: March 9, 2006

Status
PRELIMINARY
FINAL
REVISED 3rd

Commingle Type
SURFACE DOWNHOLE
Type of Completion
NEW DRILL RECOMPLETION PAYADD COMMINGLE

Date: 7/15/2015
API No. 30-045-35187
DHC No. DHC3599AZ
Lease No. FEE

Well Name
Hudson

Well No.
#5M

Unit Letter	Section	Township	Range	Footage	County, State
Surf- C	17	T031N	R010W	893' FNL & 1587' FWL	San Juan County,
BH- D	17	T031N	R010W	1172' FNL & 671' FWL	New Mexico

Completion Date	Test Method
11/14/2014	HISTORICAL <input type="checkbox"/> FIELD TEST <input checked="" type="checkbox"/> PROJECTED <input type="checkbox"/> OTHER <input type="checkbox"/>

FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
MESAVERDE		44%		93%
DAKOTA		56%		7%

JUSTIFICATION OF ALLOCATION: 3rd 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 monthsp 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
X 	7-15-15	Engineer	505-326-9826
Ephraim Schofield			

PC 2

COMPOSITIONAL ALLOCATION FORM

COMPANY: CONOCOPHILLIPS

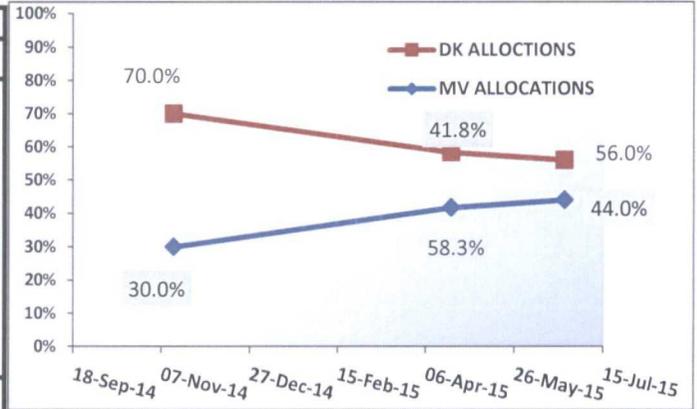
WELL INFORMATION

LOCATION: NM031N10W017D Downhole
WELLNAME: Hudson 5M
API NUMBER: 3004535187
LEASE NUMBER:
COUNTY/ STATE: San Juan, NM
FORMATIONS: MV/DK (BLANCO MESAVERDE/ BASIN DAKOTA)
DHC # APPROVAL: DHC3599AZ
ALLOCATION NUMBER: 3

SAMPLE DATA

ANALYSIS FROM: Gas Analysis Service (Phone 505-5998998)
ANALYSIS REF NUMBER: CP150395 11/14/14

COMPONENT	MOLE %	NORM HC %	BTU
NITROGEN	0.64		
CO2	1.83		
METHANE	88.87	91.1%	897.55
ETHANE	4.91	5.0%	86.86
PROPANE	1.92	1.97%	48.36
I-BUTANE	0.41	0.4%	13.43
N-BUTANE	0.52	0.5%	17.10
I-PENTANE	0.21	0.2%	8.28
N-PENTANE	0.15	0.2%	6.01
HEXANE PLUS	0.54	0.6%	28.52
	100.000		1131.04
HYDROCARBON	97.531		



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	83.96%	97.69%	9.29%	1.73%	4.06%	0.28%	1.74%	0.15%
Confidence ratio*	18.9		30.5		25.23		11.0	

*(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*	48.0%	52.0%	44%	56%	45%	55%	38%	62%

***Calculated using formulas below**

MV ALLOC= DKendP-Mix / DKendP-MVendP
DK ALLOC= Mix-MVPend / DKendP-MVendP

CENTRAL MEMBER*

CONF RATIO	COMP
30.5	C2
CM ALLOC	
MV	DK
44%	56%

*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	48.000%
C2	44.000%
C3	45.000%
C4	38.000%

OFFICIAL GAS ALLOC	
MV	DK
44.0%	56.0%
Oil*	Oil*
93%	7%

* Oil allocation based on Historical yields
 * If both are zero then Oil alloc= Gas alloc

SIGNATURES

NAME	TITLE	DATE	SIGNATURE
Ephraim Schofield	Reservoir Engineer	7-15-15	