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BURLINGTON RESOURCES

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Well File

Revised: March 9, 2006

PRODUCTION ALLOCATION FORM

 Status
 PRELIMINARY ☒
 FINAL ☐
 REVISED ☐

 Commingle Type
 SURFACE ☐ DOWNHOLE ☒

OIL CONS. DIV DIST. 3

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

OCT 24 2016

Date: 9/1/2016

API No. 30-045-34025

DHC No. DHC3956AZ

Lease No. E-3374

 Well Name
 State Com M

 Well No.
 #10

Unit Letter L	Section 36	Township T032N	Range R011W	Footage 2110' FSL & 855' FWL
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 County, State
 San Juan County,
 New Mexico

Completion Date

9/1/2016

Test Method

 HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐

FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
MESAVERDE		100%		100%
DAKOTA		0%		0%

JUSTIFICATION OF ALLOCATION; Preliminary. 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>William Tambokon</i>	<i>10/11/2016</i>	<i>Petroleum Engineer</i>	<i>505-564-7746</i>
X <i>E. Schofield</i>	<i>9/9/16</i>	Engineer	505-326-9826
Ephraim Schofield			

NMOCD

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

OIL CONS. DIV DIST. 3

Distribution:
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Revised: March 9, 2006

Status

PRELIMINARY ☐

FINAL ☐

REVISED ☒ 2nd

Commingle Type

SURFACE ☐ DOWNHOLE ☒

NOV 21 2016

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLE ☐

Date: 10/1/2016

API No. 30-045-34025

DHC No. DHC3956AZ

Lease No. E-3374

Well Name

State Com M

Well No.

#10

Unit Letter

L

Section

36

Township

T032N

Range

R011W

Footage

2110' FSL & 855' FWL

County, State

San Juan County,
New Mexico

Completion Date

9/1/2016

Test Method

HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐

FORMATION

MESAVERDE

GAS

PERCENT

65%

CONDENSATE

PERCENT

96%

DAKOTA

35%

4%

JUSTIFICATION OF ALLOCATION: 2nd. 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

X 

11/1/16

Engineer

505-326-9826

Ephraim Schofield

X

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PRODUCTION ALLOCATION FORM

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Status

PRELIMINARY ☐

FINAL ☐

REVISED ☒ 3rd

Date: 02/01/2017

API No. 30-045-34025

DHC No. DHC3956AZ

Lease No. E-3374

Commingle Type

SURFACE ☐ DOWNHOLE ☒

Type of Completion

NEW DRILL ☐ RECOMPLETION ☒ PAYADD ☐ COMMINGLE ☐

OIL CONS. DIV DIST. 3

MAY 18 2017

Well Name

State Com M

Well No.

#10

Unit Letter

L

Section

36

Township

T032N

Range

R011W

Footage

2110' FSL & 855' FWL

County, State

San Juan County,
New Mexico

Completion Date

9/1/2016

Test Method

HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐

FORMATION

MESAVERDE

GAS

PERCENT

55%

CONDENSATE

PERCENT

94%

DAKOTA

45%

6%

JUSTIFICATION OF ALLOCATION: 3rd. 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

X

Cori Cassida

Cori Cassida 2/1/2017

GEOLOGIST DISTRICT #3

Engineer

505-326-9826

Reservoir Coordinator

505-599-4076

X

BURLINGTON RESOURCES

PRODUCTION ALLOCATION FORM

Distribution:
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Status
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FINAL ☐
REVISED ☒ 4th

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

OIL CONS. DIV DIST. 3

JUN 09 2017

Date: 05/01/2017

API No. 30-045-34025
DHC No. DHC3956AZ
Lease No. E-3374

Well Name
State Com M

Well No.
#10

Unit Letter L	Section 36	Township T032N	Range R011W	Footage 2110' FSL & 855' FWL	County, State San Juan County, New Mexico
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Completion Date: **9/1/2016**

Test Method: HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐

FORMATION
MESAVERDE

GAS

PERCENT
53%

CONDENSATE

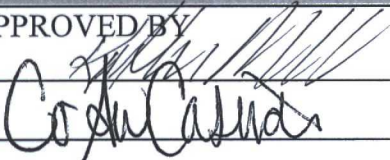
PERCENT
93%

DAKOTA

47%

7%

JUSTIFICATION OF ALLOCATION: **4th**. 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
X 	6/19/17 6/19/2017	Reserves Coordinator	505-599-4076
Cori Cassida			

X

Hilcorp Energy Company

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SEP 20 2017

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SURFACE ☐ DOWNHOLE ☒

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

Date: 09/19/2017

API No. 30-045-34025
DHC No. DHC3956AZ
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Well Name
State Com M

Well No.
#10

Unit Letter
L

Section
36

Township
T032N

Range
R011W

Footage
2110' FSL & 855' FWL

County, State
San Juan County,
New Mexico

Completion Date
9/1/2016

Test Method
HISTORICAL ☐ FIELD TEST ☒ PROJECTED ☐ OTHER ☐

FORMATION
MESAVERDE

GAS

PERCENT
53%

CONDENSATE

PERCENT
93%

DAKOTA

47%

7%

JUSTIFICATION OF ALLOCATION: **Revise 4th allocation to Final 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

X *Kandis Roland*
Kandis Roland

9/25/17
9/19/17

District III Geologist
Operations/Regulatory Tech

505-324-5149

X

COMPOSITIONAL ALLOCATION FORM

COMPANY: CONOCOPHILLIPS

WELL INFORMATION

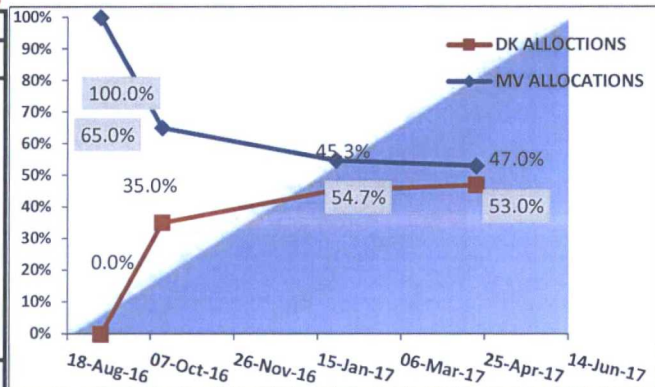
LOCATION: NM032N11W036L Downhole
 WELLNAME: State Com M 10
 API NUMBER: 3004534025
 LEASE NUMBER: E-3374
 COUNTY/ STATE: San Juan, NM
 FORMATIONS: MV/DK (BLANCO MESAVERDE/ BASIN DAKOTA)
 DHC # APPROVAL: DHC3956AZ
 ALLOCATION NUMBER: 4

SAMPLE DATA

ANALYSIS FROM: Gas Analysis Service (Phone 505-5998998)
 ANALYSIS REF NUMBER: CP170160 09/07/16

SAMPLE DATE: 4/20/2017

COMPONENT	MOLE %	NORM HC %	BTU
NITROGEN	1.06		
CO2	1.94		
METHANE	85.62	88.3%	864.78
ETHANE	6.42	6.6%	113.62
PROPANE	2.60	2.68%	65.29
I-BUTANE	0.58	0.6%	18.69
N-BUTANE	0.69	0.7%	22.61
I-PENTANE	0.28	0.3%	11.24
N-PENTANE	0.20	0.2%	8.18
HEXANE PLUS	0.60	0.6%	31.84
	100.000		1166.62
HYDROCARBON	96.994		



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	81.66%	95.82%	9.43%	3.29%	4.75%	0.48%	2.40%	0.23%
Confidence ratio*	19.9		21.4		23.66		10.8	

*(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*	53.0%	47.0%	54%	46%	51%	49%	35%	65%

*Calculated using formulas below

MV ALLOC= DKendP-Mix / DKendP-MVendP

DK ALLOC= Mix-MVPend / DKendP-MVendP

CENTRAL MEMBER*

CONF RATIO	COMP
23.7	C3
CM ALLOC	
MV	DK
51%	49%

*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	53.000%
C2	54.000%
C3	51.000%
C4	

OFFICIAL GAS ALLOC	
MV	DK
53.0%	47.0%
Oil*	Oil*
93%	7%

* Oil allocation based on Historical yields

* If both are zero then Oil alloc= Gas alloc

SIGNATURES

NAME	TITLE	DATE	SIGNATURE