

Hlava, Cherry L

RECEIVED

From: Jones, William V., EMNRD [William.V.Jones@state.nm.us]
Sent: Friday, November 14, 2008 3:00 PM
To: Hlava, Cherry L
Subject: RE: Riddle Com 9 30-045-25017

JAN 7 PM 1 10

Cherry:

This one asks BP to supply an allocation method/pct within 60 days - just send a note asking for whichever method or pct you want and we will put the note in the order file and in our database.

Will

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

From: Hlava, Cherry L [mailto:Cherry.Hlava@bp.com]
Sent: Friday, November 14, 2008 1:39 PM
To: Jones, William V., EMNRD
Subject: Riddle Com 9 30-045-25017

Will,

The above was approved 11/9/08 DHC 4096. The C-104A shows requesting Subtraction Method and the declines were attached but the order is written as a percent allocation. Please will you take a look and let me know if order needs to be amended or am I not reading this correctly.

Thank you,

Cherry Hlava
BP America Production
San Juan
WL 1 Room 19.110B
281-366-4081

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1/5/2009

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-045-25017

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Riddle Com

8. Well Number 9

9. OGRID Number 0778

10. Pool name or Wildcat
Basin Dakota, Blanco Mesaverde, Otero Chacra

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
BP America Production Company Attn: Kristen Holder/Cherry Hlava

3. Address of Operator
P.O. Box 3092 Houston, Tx 77253-3092

4. Well Location
Unit Letter L : 1730 feet from the S line and 1050 feet from the W line
Section 17 Township 28N Range 08W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Clarify Allocation Method ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

It is and has been BP America's intent to Downhole Commingle (per DHC # 4096 dated 11-09-08) the above mentioned well and report production based on the subtraction method using the projected future decline for production in the Dakota as well as the Mesaverde. The production from the Dakota and Mesaverde shall serve as a base for production subtracted from the total production of the commingled well. The balance of the production will be attributed to the Otero Chacra. Attached is the future production decline for the Dakota and the Mesaverde.

The BLM has been notified of the allocation method via the form 3160-5 lease SF-080112

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 11-20-08 Resent 1-5-09

Type or print name Kristen Holder/Cherry Hlava E-mail address: hlavacl@bp.com

PHONE: 281-366-4081

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Riddle Com 9												
MesaVerde Formation												
API #	3004525017											
Starting 1/05 thru 11/16												
Exponential Decline												
Qi =	169.6	mcf/d	1-Jan-2008									
Qf =	75.0	mcf/d										
D =	8.75%	per year										
Starting 11/16 thru 8/40												
Exponential Decline												
Qi =	75.0	mcf/d	16-Nov-2016									
Qf =	8.0	mcf/d										
D =	9.00%	per year										
	Gas	Rate	Gas		Gas	Gas		Gas	Gas		Gas	Gas
Date		mcf/d	Volume	Date	Rate	Volume	Date	Rate	Volume	Date	Rate	Volume
			MMSCF		mcf/d	MMSCF		mcf/d	MMSCF		mcf/d	MMSCF
Jan-08		124.58	3.86	Mar-11	126.55	3.92	May-14	94.71	2.94	Jul-17	70.75	2.19
Feb-08		169.90	4.93	Apr-11	125.59	3.77	Jun-14	93.99	2.82	Aug-17	70.19	2.18
Mar-08		172.45	5.35	May-11	124.63	3.86	Jul-14	93.27	2.89	Sep-17	69.64	2.09
Apr-08		108.43	3.25	Jun-11	123.68	3.71	Aug-14	92.55	2.87	Oct-17	69.09	2.14
May-08		121.19	3.76	Jul-11	122.74	3.81	Sep-14	91.84	2.76	Nov-17	68.55	2.06
Jun-08		162.30	4.87	Aug-11	121.79	3.78	Oct-14	91.14	2.83	Dec-17	68.01	2.11
Jul-08		161.07	4.99	Sep-11	120.86	3.63	Nov-14	90.45	2.71	Jan-18	67.47	2.09
Aug-08		159.82	4.95	Oct-11	119.94	3.72	Dec-14	89.76	2.78	Feb-18	66.95	1.88
Sep-08		158.61	4.76	Nov-11	119.03	3.57	Jan-15	89.06	2.76	Mar-18	66.45	2.06
Oct-08		157.40	4.88	Dec-11	118.12	3.66	Feb-15	88.41	2.48	Apr-18	65.92	1.98
Nov-08		156.21	4.69	Jan-12	116.89	3.62	Mar-15	87.76	2.72	May-18	65.41	2.03
Dec-08		155.02	4.81	Feb-12	116.01	3.36	Apr-15	87.09	2.61	Jun-18	64.89	1.95
Jan-09		154.24	4.78	Mar-12	115.15	3.57	May-15	86.42	2.68	Jul-18	64.38	2.00
Feb-09		153.11	4.29	Apr-12	114.27	3.43	Jun-15	85.77	2.57	Aug-18	63.87	1.98
Mar-09		151.98	4.71	May-12	113.40	3.52	Jul-15	85.11	2.64	Sep-18	63.37	1.90
Apr-09		150.82	4.53	Jun-12	112.54	3.38	Aug-15	84.45	2.62	Oct-18	62.87	1.95
May-09		149.67	4.64	Jul-12	111.69	3.46	Sep-15	83.81	2.51	Nov-18	62.38	1.87
Jun-09		148.53	4.46	Aug-12	110.82	3.44	Oct-15	83.17	2.58	Dec-18	61.89	1.92
Jul-09		147.40	4.57	Sep-12	109.98	3.30	Nov-15	82.54	2.48	Jan-19	61.39	1.90
Aug-09		146.26	4.53	Oct-12	109.15	3.38	Dec-15	81.91	2.54	Feb-19	60.93	1.71
Sep-09		145.14	4.35	Nov-12	108.32	3.25	Jan-16	81.05	2.51	Mar-19	60.47	1.87
Oct-09		144.04	4.47	Dec-12	107.49	3.33	Feb-16	80.45	2.33	Apr-19	59.99	1.80
Nov-09		142.94	4.29	Jan-13	106.96	3.32	Mar-16	79.85	2.48	May-19	59.52	1.85
Dec-09		141.85	4.40	Feb-13	106.17	2.97	Apr-16	79.24	2.38	Jun-19	59.05	1.77
Jan-10		140.75	4.36	Mar-13	105.38	3.27	May-16	78.64	2.44	Jul-19	58.59	1.82
Feb-10		139.71	3.91	Apr-13	104.58	3.14	Jun-16	78.04	2.34	Aug-19	58.12	1.80
Mar-10		138.68	4.30	May-13	103.78	3.22	Jul-16	77.45	2.40	Sep-19	57.67	1.73
Apr-10		137.63	4.13	Jun-13	102.99	3.09	Aug-16	76.85	2.38	Oct-19	57.21	1.77
May-10		136.58	4.23	Jul-13	102.21	3.17	Sep-16	76.26	2.29	Nov-19	56.76	1.70
Jun-10		135.54	4.07	Aug-13	101.42	3.14	Oct-16	75.69	2.35	Dec-19	56.32	1.75
Jul-10		134.51	4.17	Sep-13	100.65	3.02	Nov-16	75.11	2.25	Jan-20	55.72	1.73
Aug-10		133.46	4.14	Oct-13	99.88	3.10	Dec-16	74.53	2.31	Feb-20	55.29	1.60
Sep-10		132.45	3.97	Nov-13	99.12	2.97	Jan-17	74.14	2.30	Mar-20	54.86	1.70
Oct-10		131.44	4.08	Dec-13	98.36	3.05	Feb-17	73.58	2.06	Apr-20	54.43	1.63
Nov-10		130.44	3.91	Jan-14	97.60	3.03	Mar-17	73.02	2.26	May-20	54.01	1.67
Dec-10		129.44	4.01	Feb-14	96.88	2.71	Apr-17	72.44	2.17	Jun-20	53.58	1.61
Jan-11		128.44	3.98	Mar-14	96.17	2.98	May-17	71.88	2.23	Jul-20	53.16	1.65
Feb-11		127.49	3.57	Apr-14	95.43	2.86	Jun-17	71.31	2.14	Aug-20	52.74	1.64

Riddle Com 9												
Dakota Formation												
API #	3004525017											
Starting 1/05 thru 8/40												
Exponential Decline												
Qi =	50.81	mcf/d	1-Jan-2008									
Qf =	2.10	mcf/d										
D =	9.31%	per year										
	Gas	Rate	Gas		Gas	Gas		Gas	Gas		Gas	Gas
Date	mcf/d	Volume	Date	mcf/d	Volume	Volume	Date	mcf/d	Volume	Date	mcf/d	Volume
		MMSCF			MMSCF	MMSCF			MMSCF			MMSCF
Jan-08	37.00	1.15	Nov-11	34.83	1.05		Sep-15	23.95	0.72	Jul-19	16.47	0.51
Feb-08	51.04	1.48	Dec-11	34.54	1.07		Oct-15	23.75	0.74	Aug-19	16.34	0.51
Mar-08	51.23	1.59	Jan-12	34.16	1.06		Nov-15	23.56	0.71	Sep-19	16.20	0.49
Apr-08	32.60	0.98	Feb-12	33.89	0.98		Dec-15	23.37	0.72	Oct-19	16.07	0.50
May-08	36.45	1.13	Mar-12	33.62	1.04		Jan-16	23.11	0.72	Nov-19	15.94	0.48
Jun-08	48.49	1.46	Apr-12	33.35	1.00		Feb-16	22.93	0.67	Dec-19	15.81	0.49
Jul-08	48.10	1.49	May-12	33.08	1.03		Mar-16	22.75	0.71	Jan-20	15.64	0.49
Aug-08	47.71	1.48	Jun-12	32.81	0.98		Apr-16	22.56	0.68	Feb-20	15.51	0.45
Sep-08	47.32	1.42	Jul-12	32.54	1.01		May-16	22.38	0.69	Mar-20	15.39	0.48
Oct-08	46.93	1.46	Aug-12	32.28	1.00		Jun-16	22.20	0.67	Apr-20	15.26	0.46
Nov-08	46.55	1.40	Sep-12	32.01	0.96		Jul-16	22.02	0.68	May-20	15.14	0.47
Dec-08	46.18	1.43	Oct-12	31.75	0.98		Aug-16	21.84	0.68	Jun-20	15.02	0.45
Jan-09	45.92	1.42	Nov-12	31.50	0.95		Sep-16	21.66	0.65	Jul-20	14.90	0.46
Feb-09	45.56	1.28	Dec-12	31.24	0.97		Oct-16	21.48	0.67	Aug-20	14.77	0.46
Mar-09	45.20	1.40	Jan-13	31.07	0.96		Nov-16	21.31	0.64	Sep-20	14.65	0.44
Apr-09	44.83	1.35	Feb-13	30.82	0.86		Dec-16	21.14	0.66	Oct-20	14.54	0.45
May-09	44.47	1.38	Mar-13	30.58	0.95		Jan-17	21.02	0.65	Nov-20	14.42	0.43
Jun-09	44.11	1.32	Apr-13	30.33	0.91		Feb-17	20.85	0.58	Dec-20	14.30	0.44
Jul-09	43.75	1.36	May-13	30.09	0.93		Mar-17	20.69	0.64	Jan-21	14.22	0.44
Aug-09	43.39	1.35	Jun-13	29.84	0.90		Apr-17	20.52	0.62	Feb-21	14.11	0.40
Sep-09	43.04	1.29	Jul-13	29.60	0.92		May-17	20.36	0.63	Mar-21	14.00	0.43
Oct-09	42.69	1.32	Aug-13	29.36	0.91		Jun-17	20.19	0.61	Apr-21	13.88	0.42
Nov-09	42.34	1.27	Sep-13	29.12	0.87		Jul-17	20.03	0.62	May-21	13.77	0.43
Dec-09	41.99	1.30	Oct-13	28.88	0.90		Aug-17	19.86	0.62	Jun-21	13.66	0.41
Jan-10	41.65	1.29	Nov-13	28.64	0.86		Sep-17	19.70	0.59	Jul-21	13.55	0.42
Feb-10	41.32	1.16	Dec-13	28.41	0.88		Oct-17	19.54	0.61	Aug-21	13.44	0.42
Mar-10	41.00	1.27	Jan-14	28.18	0.87		Nov-17	19.38	0.58	Sep-21	13.33	0.40
Apr-10	40.66	1.22	Feb-14	27.96	0.78		Dec-17	19.22	0.60	Oct-21	13.22	0.41
May-10	40.33	1.25	Mar-14	27.74	0.86		Jan-18	19.06	0.59	Nov-21	13.11	0.39
Jun-10	40.00	1.20	Apr-14	27.51	0.83		Feb-18	18.91	0.53	Dec-21	13.01	0.40
Jul-10	39.68	1.23	May-14	27.29	0.85		Mar-18	18.77	0.58	Jan-22	12.90	0.40
Aug-10	39.35	1.22	Jun-14	27.07	0.81		Apr-18	18.61	0.56	Feb-22	12.80	0.36
Sep-10	39.03	1.17	Jul-14	26.85	0.83		May-18	18.46	0.57	Mar-22	12.70	0.39
Oct-10	38.71	1.20	Aug-14	26.62	0.83		Jun-18	18.31	0.55	Apr-22	12.59	0.38
Nov-10	38.40	1.15	Sep-14	26.41	0.79		Jul-18	18.16	0.56	May-22	12.49	0.39
Dec-10	38.09	1.18	Oct-14	26.19	0.81		Aug-18	18.01	0.56	Jun-22	12.39	0.37
Jan-11	37.77	1.17	Nov-14	25.98	0.78		Sep-18	17.87	0.54	Jul-22	12.29	0.38
Feb-11	37.47	1.05	Dec-14	25.77	0.80		Oct-18	17.72	0.55	Aug-22	12.19	0.38
Mar-11	37.18	1.15	Jan-15	25.56	0.79		Nov-18	17.58	0.53	Sep-22	12.09	0.36
Apr-11	36.88	1.11	Feb-15	25.35	0.71		Dec-18	17.43	0.54	Oct-22	11.99	0.37
May-11	36.58	1.13	Mar-15	25.15	0.78		Jan-19	17.29	0.54	Nov-22	11.89	0.36
Jun-11	36.28	1.09	Apr-15	24.95	0.75		Feb-19	17.15	0.48	Dec-22	11.80	0.37
Jul-11	35.99	1.12	May-15	24.75	0.77		Mar-19	17.02	0.53	Jan-23	11.70	0.36
Aug-11	35.69	1.11	Jun-15	24.55	0.74		Apr-19	16.88	0.51	Feb-23	11.61	0.33
Sep-11	35.40	1.06	Jul-15	24.35	0.76		May-19	16.74	0.52	Mar-23	11.51	0.36
Oct-11	35.11	1.09	Aug-15	24.15	0.75		Jun-19	16.61	0.50	Apr-23	11.42	0.34