

DATE IN 2/13/09	SUSPENSE 5/2/10	ENGINEER W. Jones	LOGGED IN 2/13/09	TYPE DHC	APP NO. DKA0904460677
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ABOVE THIS LINE FOR DIVISION USE ONLY

RECEIVED

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2009 FEB 13 PM 12:42
1220 South St. Francis Drive, Santa Fe, NM 87505



30-045-26001
Price 1E
BP America
778

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Cherry Hlava

Cherry Hlava

Regulatory Analyst

01/29/2009

Print or Type Name

Signature

Title

Date

hlavacl@bp.com

e-mail Address

District II
1301 W. Grand Avenue, Artesia, NM 88210

Oil Conservation Division
1220 South St. Francis Dr.

APPLICATION TYPE
X Single

District III
Well
1000 Rio Brazos Road, Aztec, NM 87410

Santa Fe, New Mexico 87505

____ Establish Pre-Approved Pools
EXISTING WELLBORE
 X Yes No

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

DHC-457

Operator **BP America Production Company**

Address **P.O Box 3092 Houston, TX 77253**

Lease Price	Well No. 1E	Unit Letter-Section-Township-Range	Unit D Section 13 T28N, R08W	County San Juan
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OGRID No.000778 Property Code 00957 API No.30-045-26001 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Otero Chacra	Blanco Mesaverde	Basin Dakota
Pool Code	82329	82329	71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	To be determined	4496' – 5377'	7251' – 7462'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	590	425	590
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1254	1265	1265
Producing, Shut-In or New Zone	New Zone	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Based on Decline (see attached) Rates:	Date: Based in Decline (see attached) Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes _____ No X _____
Yes X No _____

Are all produced fluids from all commingled zones compatible with each other?

Yes **X** No

Will commingling decrease the value of production?

Yes No **X**

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes **X** No

NMOCD Reference Case No. applicable to this well: _____
 Attachments: _____

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
Production curve for each zone for at least one year. (If not available, attach explanation.)
For zones with no production history, estimated production rates and supporting data.
Data to support allocation method or formula.
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

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 02/12/2009

TYPE OR PRINT NAME Cherry Hlava TELEPHONE NO. (281) 366-4081

E-MAIL ADDRESS hlavacl@bp.com

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.

30-045-26001

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Price

8. Well Number

1E

9. OGRID Number

778

10. Pool name or Wildcat

Dakota, 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

3. Address of Operator

P.O. Box 3092 Houston, Tx 77253-3092

4. Well Location

Unit Letter **D** : **980** feet from the **North** line and **1080** feet from the **West** line
Section **13** Township **28N** Range **08W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6406'

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 ☐

OTHER: **Downhole Tri-Mingle**



SUBSEQUENT REPORT OF:

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

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.

BP respectfully requests permission to perforate in the Chacra, formation & downhole Tri-mingle with the existing Dakota & Mesaverde formation.

The Basin Dakota (71599) Blanco Mesaverde (72319) & Chacra (82329) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R - 11363. The working & overriding interest owners are not the same in the proposed commingled pools; therefore notification of this application is required. **By copy of this letter all interest owners were notified by certified return receipt on 1/27/09. There were no objections.**

The BLM has been notified via form 3160-5 SF for lease SF - 078390 of Downhole Commingling.

Production is proposed to be based on a subtraction method, using the projected future decline for production from the Dakota & MV pool. This production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Chacra.

Commingling Production Downhole in the subject well from the proposed pools will not reduce the value of the total remaining production

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 02-04-2009

Type or print name 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): _____

Price 1E
Tri-Mingle Procedure
Sec 13, T28N, R8W
API #: 30-045-26001

Objective of Work:

The Price 1E is currently a down hole commingled well Dakota and Mesa Verde.

1. Complete well in Chacra and the casing frac at 50-60 bpm 200,000# sand.
2. Flow back and test Chacra and then clean out bridge plugs to Dakota perforations and Tri-mingle well, DK, Mesa Verde, and Chacra.

Simplified Work Procedure:

1. Check anchors. MIRU workover rig.
2. If necessary, kill with 2% KCL water. Nipple down WH. NU BOPs.
3. Tag for fill and tally OH with 2-3/8" production tubing currently set at 7240'. Visually inspect tubing while POOH.
4. TIH with bit and scraper for 4 1/2" casing to 4400'.
5. TIH set CIBP at 4300' and test casing to 3000 psi.
6. Perforate using 3-1/8" casing guns loaded with HEG charges Chacra
3940'-3980' 4 spf and 4055'- 4085' 4 spf.
7. RU frac equipment. Use Slick Water 2% KCL Water 200,000# sand 45Q-N2 foam in fracture stimulation.
8. Flow back frac.
9. TIH with tubing and notched collar. Cleanout fill to 4300'. Blow well dry.
10. Test Point Chacra for 8 hours.
11. Clean out well to PBTD 7482'
12. Run 2 3/8" completion tubing at 7365'
13. ND BOP's. NU WH. Test well for air. Return well to production. as down hole commingle Dakota, Mesa Verde and Chacra completion.

Prepared by:

Richard W. Pomrenke

Completions Engineer
BP America Company

Current Completion
11/6/2008

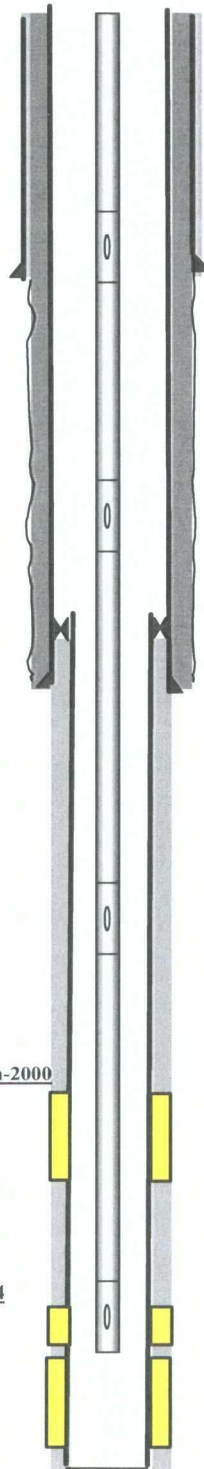
API: 30-045-26001

GL: 6406'

History:

6-1/4" OH drilled with air
without problems
Completed in 9/84

Price 1E
Sec. 13 T28N R8W
San Juan, New Mexico



Estimate TOC @ Surface
9 5/8" 36# K55 ST&C @ 314'
210 sxs cmt (circulated)

4-1/2" liner hanger @ 3413'

7" 23#, K55 LT&C @ 3592'
340 sacks cmt (circulated)
-topped bradenhead w/ 75 sxs cmt

Top of Cement 4 1/2"
est. TOC at liner top (reversed 10 bbls)

Mesa Verde Completion-2000

4496' - 4735' 25 holes
Frac 80,000# 16/30
356 bbl Pd
864 bbl Total Fluid
70%Q Foam
40 bpm @ 1972 psi

Dakota Completion-1984

7251' - 7264' 2 spf

7344' - 7348' 2 spf
7445' - 7448' 2 spf
7459' - 7462' 2 spf

Tubing: 2-3/8" 4.7#, J55 @ 7240'

4-1/2" liner, 10.5#,
K55 ST&C (80 jts)
3413' - 6980'

4-1/2" liner, 11.6#,
K55 ST&C (13 jts)
6980' - 7497'
480 sacks cmt

PBTD: 7482'

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 84577

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number <i>30-045-26001</i>	2. Pool Code 82329	3. Pool Name OTERO CHACRA (GAS)
4. Property Code 957	5. Property Name PRICE	6. Well No. 001E
7. OGRID No. 778	8. Operator Name BP AMERICA PRODUCTION COMPANY	9. Elevation 5806

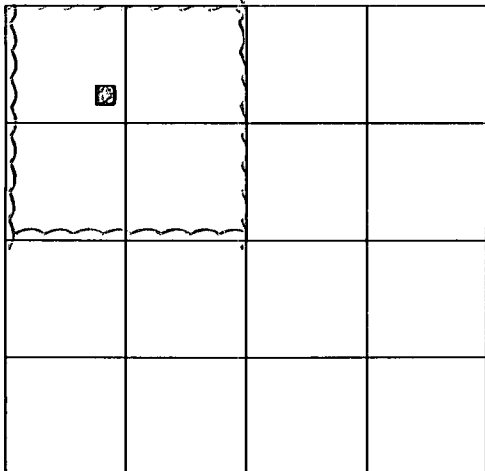
10. Surface Location

UL - Lot D	Section 13	Township 28N	Range 08W	Lot Idn	Feet From 980	N/S Line N	Feet From 1080	E/W Line W	County SAN JUAN
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres <i>160</i>		13. Joint or Infill		14. Consolidation Code		15. Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: <i>Cherry Hlava</i> Title: <i>Regulatory Analyst</i> Date: <i>2-3-09</i></p> <hr/> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Fred Kerr Date of Survey: <i>4-16-1984</i> Certificate Number: 3950</p>
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DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

311 South First., Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-26001	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 000957	Property Name Price	Well Number 1E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 6406' GR

Surface Location

UL or lot no. UNIT D	Section 13	Township 28N	Range 8W	Lot. Idn	Feet from the 980'	North/South Line NORTH	Feet from the 1080'	East/West Line WEST	County San Juan
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Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acreage: 320		Joint or Infill		Consolidation Code		Order No.			

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature	<i>Mary Corley</i>
	Printed Name	Mary Corley
	Position	Sr. Business Analyst
	Date	06/15/2000
	SURVEY CERTIFICATION	
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
	4/16/1984	
	Date of Survey	
	Signature & Seal of Professional Surveyor	
	Fred B Kerr Jr	
	Certificate No.	3950

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2080
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Operator TENNECO OIL COMPANY			Lease PRICE		Well No. 1E
Unit Letter D	Section 13	Township 28N	Range 8W	County San Juan	
Actual Footage Location of Well: 980 feet from the North line and 1080 feet from the West line					
Ground Level Elev. 6406	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage 320 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Scale: 1"=1000'

CERTIFICATION

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

Name

John Orr

Position

Regulatory Analyst II

Company

Tenneco Oil Company

Date

May 17, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

April 16, 1984

Registered Professional Engineer and Land Surveyor

Fred B. Kery Jr.

Certificate No.

3950

Price 1E									
Dakota Formation									
API #	3E+09	30-04526001							
			Daily Rate						
Starting 1/96 thru 12/11									
Exponential Decline									
Qi =	25.0	mcf/d	10/01/08						
Qf =	19.9	mcf/d							
D =	6.76%	per year							
Starting 1/12 thru 6/37									
Exponential Decline									
Qi =	19.9	mcf/d							
Qf =	1.8	mcf/d							
D =	9.00%	per year							
Date	Gas Rate mcf/d	Date	Gas Rate mcf/d	Date	Gas Rate mcf/d	Date	Gas Rate mcf/d	Date	Gas Rate mcf/d
Oct-08	24	Nov-11	20	Dec-14	15	Jan-18	11	Feb-21	9
Nov-08	25	Dec-11	20	Jan-15	15	Feb-18	12	Mar-21	8
Dec-08	24	Jan-12	19	Feb-15	16	Mar-18	11	Apr-21	8
Jan-09	24	Feb-12	21	Mar-15	14	Apr-18	11	May-21	8
Feb-09	26	Mar-12	19	Apr-15	15	May-18	11	Jun-21	8
Mar-09	24	Apr-12	20	May-15	14	Jun-18	11	Jul-21	8
Apr-09	24	May-12	19	Jun-15	15	Jul-18	11	Aug-21	8
May-09	23	Jun-12	19	Jul-15	14	Aug-18	10	Sep-21	8
Jun-09	24	Jul-12	19	Aug-15	14	Sep-18	11	Oct-21	8
Jul-09	23	Aug-12	18	Sep-15	14	Oct-18	10	Nov-21	8
Aug-09	23	Sep-12	19	Oct-15	14	Nov-18	11	Dec-21	8
Sep-09	24	Oct-12	18	Nov-15	14	Dec-18	10	Jan-22	8
Oct-09	23	Nov-12	19	Dec-15	13	Jan-19	10	Feb-22	8
Nov-09	23	Dec-12	18	Jan-16	13	Feb-19	11	Mar-22	7
Dec-09	23	Jan-13	18	Feb-16	14	Mar-19	10	Apr-22	8
Jan-10	22	Feb-13	19	Mar-16	13	Apr-19	10	May-22	7
Feb-10	25	Mar-13	17	Apr-16	13	May-19	10	Jun-22	8
Mar-10	22	Apr-13	18	May-16	13	Jun-19	10	Jul-22	7
Apr-10	23	May-13	17	Jun-16	13	Jul-19	10	Aug-22	7
May-10	22	Jun-13	18	Jul-16	13	Aug-19	10	Sep-22	7
Jun-10	22	Jul-13	17	Aug-16	13	Sep-19	10	Oct-22	7
Jul-10	22	Aug-13	17	Sep-16	13	Oct-19	9	Nov-22	7
Aug-10	22	Sep-13	17	Oct-16	12	Nov-19	10	Dec-22	7
Sep-10	22	Oct-13	17	Nov-16	13	Dec-19	9	Jan-23	7
Oct-10	21	Nov-13	17	Dec-16	12	Jan-20	9	Feb-23	8
Nov-10	22	Dec-13	16	Jan-17	12	Feb-20	10	Mar-23	7
Dec-10	21	Jan-14	16	Feb-17	13	Mar-20	9	Apr-23	7
Jan-11	21	Feb-14	18	Mar-17	12	Apr-20	9	May-23	7
Feb-11	23	Mar-14	16	Apr-17	12	May-20	9	Jun-23	7
Mar-11	21	Apr-14	16	May-17	12	Jun-20	9	Jul-23	7
Apr-11	21	May-14	16	Jun-17	12	Jul-20	9	Aug-23	7
May-11	20	Jun-14	16	Jul-17	12	Aug-20	9	Sep-23	7
Jun-11	21	Jul-14	15	Aug-17	11	Sep-20	9	Oct-23	6
Jul-11	20	Aug-14	15	Sep-17	12	Oct-20	9	Nov-23	7
Aug-11	20	Sep-14	16	Oct-17	11	Nov-20	9	Dec-23	6
Sep-11	21	Oct-14	15	Nov-17	12	Dec-20	8	Jan-24	6
Oct-11	20	Nov-14	15	Dec-17	11	Jan-21	8	Feb-24	7

Price 1E									
MesaVerde Formation									
API #	3004526001			Daily Rate					
Starting 1/01 thru 1/15									
Hyperbolic Decline n = 0.3									
Qi =	129.5	mcf/d	01/01/07						
Qf =	75.0	mcf/d							
D =	9.29%	per year							
Starting 2/15 thru 6/37									
Exponential Decline									
Qi =	75.0	mcf/d							
Qf =	8.8	mcf/d							
D =	9.00%	per year							
Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	Date	Gas Rate mcf/d	Gas Volume MMSCF	
Oct-08	129	4	Mar-12	93	3	Aug-15	69	2	
Nov-08	128	4	Apr-12	93	3	Sep-15	69	2	
Dec-08	127	4	May-12	92	3	Oct-15	68	2	
Jan-09	126	4	Jun-12	91	3	Nov-15	67	2	
Feb-09	125	3	Jul-12	91	3	Dec-15	67	2	
Mar-09	124	4	Aug-12	90	3	Jan-16	66	2	
Apr-09	123	4	Sep-12	89	3	Feb-16	66	2	
May-09	122	4	Oct-12	89	3	Mar-16	65	2	
Jun-09	121	4	Nov-12	88	3	Apr-16	65	2	
Jul-09	120	4	Dec-12	87	3	May-16	64	2	
Aug-09	119	4	Jan-13	87	3	Jun-16	64	2	
Sep-09	118	4	Feb-13	86	2	Jul-16	63	2	
Oct-09	117	4	Mar-13	86	3	Aug-16	63	2	
Nov-09	116	3	Apr-13	85	3	Sep-16	62	2	
Dec-09	115	4	May-13	84	3	Oct-16	62	2	
Jan-10	114	4	Jun-13	84	3	Nov-16	61	2	
Feb-10	113	3	Jul-13	83	3	Dec-16	61	2	
Mar-10	113	3	Aug-13	83	3	Jan-17	60	2	
Apr-10	112	3	Sep-13	82	2	Feb-17	60	2	
May-10	111	3	Oct-13	81	3	Mar-17	60	2	
Jun-10	110	3	Nov-13	81	2	Apr-17	59	2	
Jul-10	109	3	Dec-13	80	2	May-17	59	2	
Aug-10	108	3	Jan-14	80	2	Jun-17	58	2	
Sep-10	107	3	Feb-14	79	2	Jul-17	58	2	
Oct-10	106	3	Mar-14	79	2	Aug-17	57	2	
Nov-10	106	3	Apr-14	78	2	Sep-17	57	2	
Dec-10	105	3	May-14	77	2	Oct-17	56	2	
Jan-11	104	3	Jun-14	77	2	Nov-17	56	2	
Feb-11	103	3	Jul-14	76	2	Dec-17	55	2	
Mar-11	102	3	Aug-14	76	2	Jan-18	55	2	
Apr-11	102	3	Sep-14	75	2	Feb-18	55	2	
May-11	101	3	Oct-14	75	2	Mar-18	54	2	
Jun-11	100	3	Nov-14	74	2	Apr-18	54	2	
Jul-11	99	3	Dec-14	74	2	May-18	53	2	
Aug-11	99	3	Jan-15	73	2	Jun-18	53	2	
Sep-11	98	3	Feb-15	72	2	Jul-18	52	2	
Oct-11	97	3	Mar-15	72	2	Aug-18	52	2	
Nov-11	96	3	Apr-15	71	2	Sep-18	52	2	
Dec-11	96	3	May-15	71	2	Oct-18	51	2	
Jan-12	95	3	Jun-15	70	2	Nov-18	51	2	
Feb-12	94	3	Jul-15	70	2	Dec-18	50	2	

Jones, William V., EMNRD

From: Hlava, Cherry L [Cherry.Hlava@bp.com]
Sent: Monday, February 23, 2009 1:40 PM
To: Jones, William V., EMNRD
Subject: Price 1E 30-045-26001
Attachments: Price 1E Interest Owners.doc

Will,
I had to notify interest owners on this one and I think I forgot to attach their names when I filed for the Tri-mingling application.

Please accept the attached list of Interest owners who were notified Jan. 27, 09.

Thank you,
Cherry

<<Price 1E Interest Owners.doc>>

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

This inbound email has been scanned by the MessageLabs Email Security System.

BONANZA CREEK MINERALS LLC
ATTN: RICHARD HUGHES MANAGER
2321 CANDELARIA NW
ALBUQUERQUE, NM 87107

BRIAN D GIBSON
66 C ARROYO HONDO TRAIL
SANTA FE, NM 87508

ELIZABETH H WHITE , FAMILY TRUST
LINDA PAYNE, TRUSTEE
PO BOX 780099
DALLAS, TX 75378-0099

GIBSON FAMILY TRUST
JAFFA D WAHLBERT &
GEORGE ANNE SCHARHAGCO-TRUSTEES
P O BOX 546
TESUQUE, NM 87574

GURDON RANSON MILLER III
704 CANYON CREST
SIERRA MADRE, CA 91024

HANSON MCBRIDE PETROLEUM
Company
PO BOX 1515
ROSWELL, NM 88202-1515

HOWELL TRUST DTD NOV 1 1999
CATHERINE A HOWELL TSTEE
432 RALEIGH ST
DENVER, CO 80204-4724

LELAND PRICE INC
1511 NORTHGATE PL
ARTESIA, NM 88210

MABEL GLENN HAM , REVOCABLE TRUST
KATHLYN NORA BLACK TRUSTEE
PO BOX 15040
SANTA FE, NM 87592

MCLISH RESOURCES L P
MCLISH PETROLEUM COMPANY
GENERAL PARTNER
633 17TH ST, #1650
DENVER, CO 80202-3660

MINERALS MANAGEMENT SERVICE
PO BOX 5810 TA
DENVER, CO 80217-5810

PAUL SLAYTON
PO BOX 2035
ROSWELL, NM 88202-2035

Jones, William V., EMNRD

From: Hlava, Cherry L [Cherry.Hlava@bp.com]
Sent: Wednesday, February 25, 2009 12:14 PM
To: Jones, William V., EMNRD
Subject: RE: Price 1E 30-045-26001

Will,
Do you think this one will be approved by March 9th?

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Monday, February 23, 2009 4:12 PM
To: Hlava, Cherry L
Subject: RE: Price 1E 30-045-26001

Got it – thank you

From: Hlava, Cherry L [mailto:Cherry.Hlava@bp.com]
Sent: Monday, February 23, 2009 1:40 PM
To: Jones, William V., EMNRD
Subject: Price 1E 30-045-26001

Will,
I had to notify interest owners on this one and I think I forgot to attach their names when I filed for the Tri-mingling application.

Please accept the attached list of Interest owners who were notified Jan. 27, 09.

Thank you,
Cherry

<<Price 1E Interest Owners.doc>>

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