

5-3-04 DATE IN	5-23-04 SUSPENSE	jones ENGINEER	5-3-04 LOGGED IN	DHC TYPE	PSEM0412450841 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



**RECEIVED**

MAY 03 2004

OIL CONSERVATION  
DIVISION

**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] DHC-3270
- [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.**

Mary Corley  
Print or Type Name

Mary Corley  
Signature

Sr. Regulatory Analyst 04/29/2004  
Title Date  
corleym1@bp.com  
e-mail Address

District I ,  
1625 N. French Drive, Hobbs, NM 88240  
2000  
District II  
811 South First Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Pools  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15,

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87505

APPLICATION TYPE

X Single Well  
\_\_\_ Establish Pre-Approved

EXISTING WELLBORE

X Yes \_\_\_ No

APPLICATION FOR DOWNHOLE COMMINGLING

BP America Production Company P. O. Box 3092 Houston, TX 77253

Operator Storey LS 3 Unit M Section 26 T28N, R08W San Juan  
Lease Well No. Unit Letter-Section-Township-Range County  
OGRID No. 000778 Property Code 001133 API No. 30-045-07094 Lease Type: X Federal \_\_\_ State \_\_\_ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Pictured Cliffs S.	<del>Undes.</del> Otero Chacra	Blanco Mesaverde
Pool Code	72439	82329	72319
Top & Bottom of Pay Section (Perforated or Open-Hole Interval)	2510' - 2565'	3486' - 3691	4206' - 4848'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
Bottomhole Pressure	425	430	590
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1164	1210	1226
Producing, Shut-In or New Zone	Producing	New Zone	Producing
Date and Oil/Gas/Water Rates of Last Production.	Date: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage	Oil % Gas %	Oil % Gas %	Oil % Gas %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No \_\_\_  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes \_\_\_ 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 Mary Corley TITLE Sr. Regulatory Analyst DATE 04/29/2004  
TYPE OR PRINT NAME Mary Corley TELEPHONE NO. ( 281 ) 366-4491

**Storey LS # 3**  
**Recomplete to Chacra, AddPay in Menefee Formation, & Downhole Tri-mingle Pictured  
Cliffs, Chacra, & Mesaverde Production**

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**Procedure:**

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
5. RU slickline unit or wireline unit. RIH and set plug (CIBP, tbg collar stop and plug, or plug set in nipple) for isolation in both tubing strings (1-1/4" and 2-3/8").
6. TOH and LD 1-1/4" short-string production tubing currently set at 2562'.
7. Release 5-1/2" Baker 'EGJ' packer at 2790' and TOH with 2-3/8" long-string production tubing currently set at 4845' (Garrett cir. sleeve at 2570').
8. Contingency: *If the tubing is in poor condition, replace entire tubing string.*
9. TIH with bit and scraper for 7-5/8" to top of liner at 2683'.
10. TIH with bit and scraper for 5-1/2" casing to PBTD at 4899'. Work casing scraper across old Mesaverde perforations (4206' – 4290'), and (4792' – 4848'), then new Menefee perforations (4373' - 4746'), and then new Chacra interval (3486' – 3691').
11. RU WL unit. RIH w/ CBL and log from 4,750' to top of liner. Confirm that top of cement is no deeper than 3,000'. Contact engineer if top of cement is below 3,000' to discuss block squeeze.
12. RU WL unit. RIH with 5-1/2" CIBP. Set CIBP (+/-4769') just above Point Lookout perms at 4792' and just below lowest Menefee perf at 4746'.
13. RIH with 3-1/8" casing guns. Perforate Menefee formation (correlate to GR log), 373' gross, 20 spots @ 3 spf = 60 holes: 4746', 4735', 4727', 4719', 4667', 4657', 4650', 4643', 4623', 4605', 4582', 4565', 4505', 4499', 4484', 4472', 4460', 4455', 4432', 4373'.
14. RIH with 2-7/8" X 3-1/2" tapered frac string and 5-1/2" packer. Set packer at just below the bottom Cliffhouse perforations at 4290'. Top perf of Menefee is 4373'.
15. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures ≤ 6000 psi

during frac job Flush frac with foam. Fill out GWSI scorecard.

16. Flowback frac immediately
17. Release packer and TOH with frac string and packer. LD frac string.
18. RU WL unit. RIH with 5-1/2" CIBP. Set CIBP at 3550'. Bottom perf of the Chacra formation is at 3486'.
19. RIH with 3-1/8" casing guns. Perforate Chacra formation (correlate to GR log), 205' gross, 15 spots @ 4 spf = 60 holes: 3691', 3677', 3663', 3649', 3642', 3630', 3623', 3616', 3610', 3558', 3529', 3506', 3498', 3492', 3486'.
20. RIH with tapered 3-1/2" X 2-7/8" tapered frac string and 5-1/2" packer. Set packer at +/- 3349'.
21. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures  $\leq$  5500 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.
22. Flowback frac immediately.
23. Release packer and TOH with frac string and packer. LD frac string.
24. Clean out fill to top CIBP at 3349' and get flow test on new zone for regulatory.
25. TIH with tubing and bit. Cleanout fill and drill bridge plugs set at 3550' and 4769'. Cleanout fill to PBTD at 4899'. Blow well dry at PBTD.
26. Rabbit tubing and RIH with 2-3/8" production tubing (muleshoe sub, F-nipple for 2-3/8", 4 ft pup, X-nipple with plug in place for 2-3/8" tubing). Fill tubing with water while RIH and test to 500 psi or test with air unit to 500 psi if on location.
27. Land 2-3/8" production tubing at +/-4845'. ND BOP and NU WH. During master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree.
28. Swab down tubing or blow dry with air foam unit.
29. RU slickline unit. Run 1.9" OD gauge ring for 2-3/8" tubing. Pull plug. Flow well up tubing long enough to verify it will not log off. Set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.
30. Test well for air.
31. Return well to production.

**Storey LS #3**  
Sec 26 T28N, R8W  
API # 30-045-07094

GL: 6110'

History:

Completed as MV/PC dual in 9/57

Pictured Cliffs

2510-2533

2550-2565 2 SPF 40000 #'s of sand

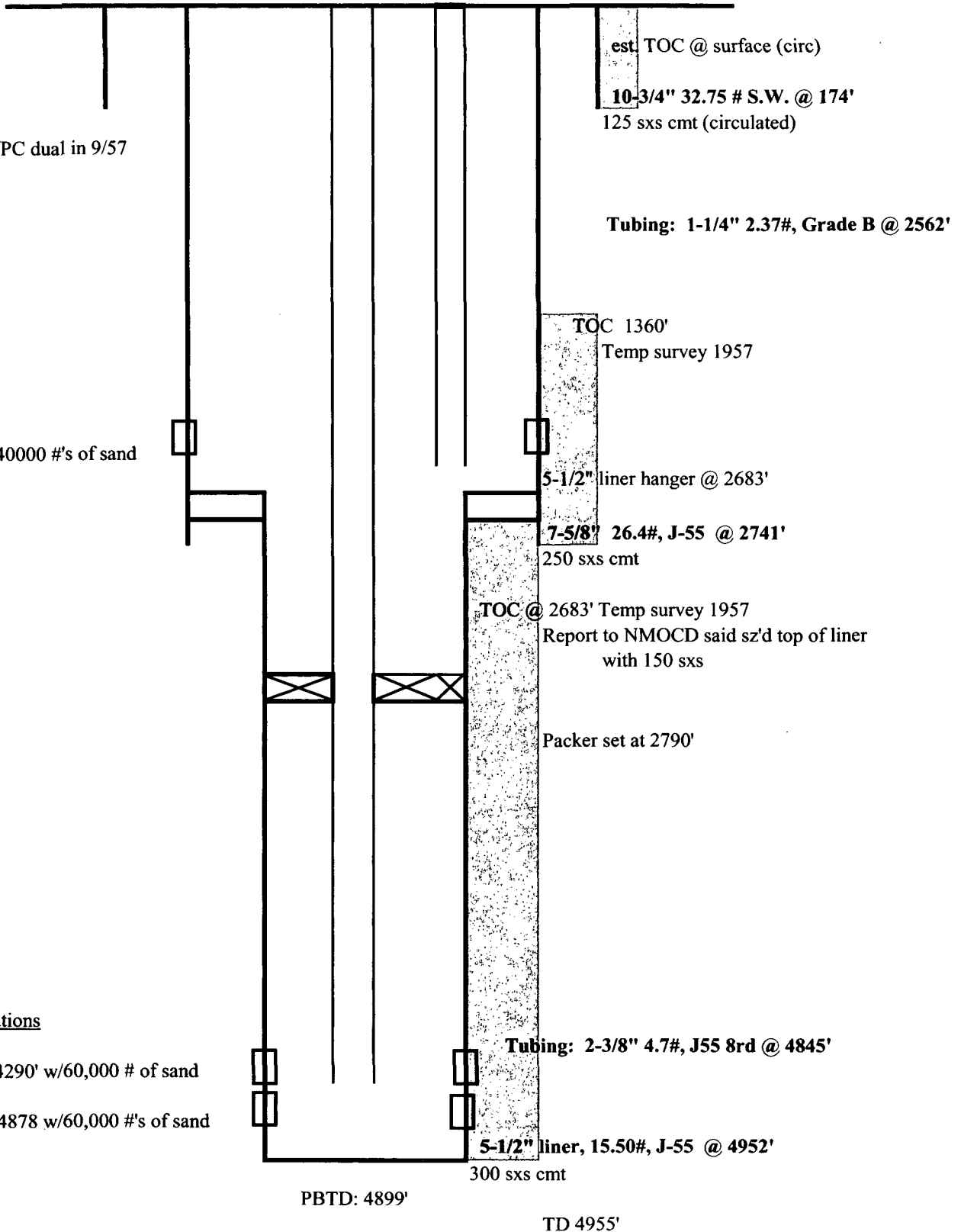
Mesaverde Perforations

Cliffhouse

4206-4222, 4248-4290' w/60,000 # of sand

Point Lookout

4792-4848', 4854-4878 w/60,000 #'s of sand



Allocation Method  
Storey LS 3

BP America Production Company request permission to complete the subject well into the Otero Chacra and tricomingle production downhole with the existing Blanco South Pictured Cliffs and Blanco Mesaverde Pools as per the attached procedure.

The interest owners are identical between these three Pools, therefore, no additional notification is required prior to downhole commingling approval.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Pictured Cliffs and Mesaverde Pools. 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. Attached are the future production decline estimates for the Pictured Cliffs & Mesaverde Pools.

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

Application has also been submitted to BLM on Form 3160-5, Federal Lease No. SF – 03549.

Pre Approved Pools:

Blanco-Mesaverde (72319) & Blanco South Pictured Cliffs (72439) Pools

Blanco-Mesaverde (72319) & Otero-Chacra (82329) Pools

Blanco South Pictured Cliffs (72439) & Otero-Chacra (82329) Pools

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 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 & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-07094</b>	<sup>2</sup> Pool Code <b>82329</b>	<sup>3</sup> Pool Name <b>Otero Chacra</b>
<sup>4</sup> Property Code <b>001133</b>	<sup>5</sup> Property Name <b>Storey LS</b>	<sup>6</sup> Well Number <b>3</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP America Production Company</b>	<sup>9</sup> Elevation <b>6100' GR</b>

<sup>10</sup> Surface Location

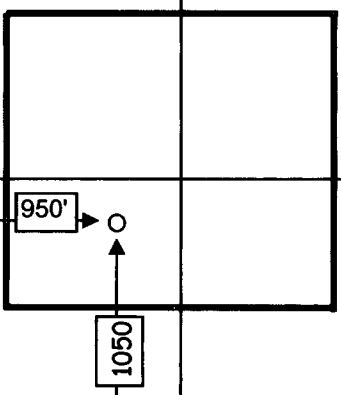
UL or lot no. <b>Unit M</b>	Section <b>26</b>	Township <b>28N</b>	Range <b>08W</b>	Lot Idn	Feet from <b>1050'</b>	North/South <b>South</b>	Feet from <b>950'</b>	East/West <b>West</b>	County <b>San Juan</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

				<sup>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  <b>Mary Corley</b>
				Signature <b>Mary Corley</b> Printed Name <b>Sr. Regulatory Analyst</b> Title <b>04/29/2004</b> Date
				<sup>18</sup> SURVEYOR CERTIFICATION <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>  <b>3/19/1957</b>
				Date of Survey Signature and Seal of Professional Surveyor:  <b>G O Walker</b> Certificate Number



# Storey LS 3

## Future Production Decline Estimate

### Mesaverde Daily Rates

Month	Gas Volume
Jan-2003	116
Feb-2003	114
Mar-2003	118
Apr-2003	108
May-2003	117
Jun-2003	104
Jul-2003	104
Aug-2003	110
Sep-2003	91
Oct-2003	122
Nov-2003	112
Dec-2003	121
Jan-2004	116
Feb-2004	115
Mar-2004	115
Apr-2004	115
May-2004	115
Jun-2004	115
Jul-2004	115
Aug-2004	115
Sep-2004	115
Oct-2004	115
Nov-2004	114
Dec-2004	114
Jan-2005	114
Feb-2005	114
Mar-2005	114
Apr-2005	114
May-2005	114
Jun-2005	114
Jul-2005	114
Aug-2005	113
Sep-2005	113
Oct-2005	113
Nov-2005	113
Dec-2005	113

$$\ln(Q_f/Q_i) = -dt$$

$$Q_f = 116$$

$$Q_i = 117$$

$$rate = 116$$

$$** \text{ time} = 9$$

$$dt = -0.008583744$$

$$decline = -0.110634919$$

\*\*

Month	Gas Volume
Jan-2006	113
Feb-2006	113
Mar-2006	113
Apr-2006	113
May-2006	112
Jun-2006	112
Jul-2006	112
Aug-2006	112
Sep-2006	112
Oct-2006	112
Nov-2006	112
Dec-2006	112
Jan-2007	112
Feb-2007	111
Mar-2007	111
Apr-2007	111
May-2007	111
Jun-2007	111
Jul-2007	111
Aug-2007	111
Sep-2007	111
Oct-2007	111
Nov-2007	110
Dec-2007	110
Jan-2008	110
Feb-2008	110
Mar-2008	110
Apr-2008	110
May-2008	110
Jun-2008	110
Jul-2008	110
Aug-2008	110
Sep-2008	109
Oct-2008	109
Nov-2008	109
Dec-2008	109
Jan-2009	109

Month	Gas Volume
Feb-2009	109
Mar-2009	109
Apr-2009	109
May-2009	109
Jun-2009	108
Jul-2009	108
Aug-2009	108
Sep-2009	108
Oct-2009	108
Nov-2009	108
Dec-2009	108
Jan-2010	108
Feb-2010	108
Mar-2010	107
Apr-2010	107
May-2010	107
Jun-2010	107
Jul-2010	107
Aug-2010	107
Sep-2010	107
Oct-2010	107
Nov-2010	107
Dec-2010	106
Jan-2011	106
Feb-2011	106
Mar-2011	106
Apr-2011	106
May-2011	106
Jun-2011	106
Jul-2011	106
Aug-2011	106
Sep-2011	105
Oct-2011	105
Nov-2011	105
Dec-2011	105
Jan-2012	105



## Storey LS 3

# Future Production Decline Estimate Mesaverde Daily Rates

Month	Gas Volume
Feb-2012	105
Mar-2012	105
Apr-2012	105
May-2012	104
Jun-2012	104
Jul-2012	104
Aug-2012	104
Sep-2012	104
Oct-2012	104
Nov-2012	104
Dec-2012	103
Jan-2013	103
Feb-2013	103
Mar-2013	103
Apr-2013	103
May-2013	103
Jun-2013	103
Jul-2013	102
Aug-2013	102
Sep-2013	102
Oct-2013	102
Nov-2013	102
Dec-2013	102
Jan-2014	102
Feb-2014	101
Mar-2014	101
Apr-2014	101
May-2014	101
Jun-2014	101
Jul-2014	101
Aug-2014	101
Sep-2014	101
Oct-2014	100
Nov-2014	100
Dec-2014	100
Jan-2015	100

Month	Gas Volume
Feb-2015	100
Mar-2015	100
Apr-2015	100
May-2015	99
Jun-2015	99
Jul-2015	99
Aug-2015	99
Sep-2015	99
Oct-2015	99
Nov-2015	99
Dec-2015	98
Jan-2016	98
Feb-2016	98
Mar-2016	98
Apr-2016	98
May-2016	98
Jun-2016	98
Jul-2016	97
Aug-2016	97
Sep-2016	97
Oct-2016	97
Nov-2016	97
Dec-2016	97
Jan-2017	97
Feb-2017	96
Mar-2017	96
Apr-2017	96
May-2017	96
Jun-2017	96
Jul-2017	96
Aug-2017	96
Sep-2017	95
Oct-2017	95
Nov-2017	95
Dec-2017	95
Jan-2018	95

# Storey LS 3

## Future Production Decline Estimate

### Pictured Cliffs Daily Rates

Month	Gas Volume
Jan-2003	19
Feb-2003	13
Mar-2003	4
Apr-2003	9
May-2003	21
Jun-2003	10
Jul-2003	7
Aug-2003	1
Sep-2003	5
Oct-2003	26
Nov-2003	21
Dec-2003	24
Jan-2004	18
Feb-2004	18
Mar-2004	18
Apr-2004	18
May-2004	17
Jun-2004	17
Jul-2004	17
Aug-2004	16
Sep-2004	16
Oct-2004	16
Nov-2004	15
Dec-2004	15
Jan-2005	15
Feb-2005	14
Mar-2005	14
Apr-2005	14
May-2005	14
Jun-2005	13
Jul-2005	13
Aug-2005	13
Sep-2005	12
Oct-2005	12
Nov-2005	12
Dec-2005	11

$\ln(Q_f/Q_i) = -dt$   
 $Q_f = 18$   
 $Q_i = 21$   
 $rate = 18$   
 $time = 9$   
 $dt = -0.15415068$   
 $decline = -0.30830136$

\*\*

Month	Gas Volume
Jan-2006	11
Feb-2006	11
Mar-2006	10
Apr-2006	10
May-2006	10
Jun-2006	10
Jul-2006	9
Aug-2006	9
Sep-2006	9
Oct-2006	8
Nov-2006	8
Dec-2006	8
Jan-2007	7
Feb-2007	7
Mar-2007	7
Apr-2007	6
May-2007	6
Jun-2007	6
Jul-2007	6
Aug-2007	5
Sep-2007	5
Oct-2007	5
Nov-2007	4
Dec-2007	4
Jan-2008	4
Feb-2008	3
Mar-2008	3
Apr-2008	3
May-2008	2
Jun-2008	2
Jul-2008	2
Aug-2008	2
Sep-2008	2
Oct-2008	1
Nov-2008	1
Dec-2008	1
Jan-2009	0

Month	Gas Volume
Feb-2009	0
Mar-2009	0
Apr-2009	0
May-2009	0
Jun-2009	0
Jul-2009	0
Aug-2009	0
Sep-2009	0
Oct-2009	0
Nov-2009	0
Dec-2009	0
Jan-2010	0
Feb-2010	0
Mar-2010	0
Apr-2010	0
May-2010	0
Jun-2010	0
Jul-2010	0
Aug-2010	0
Sep-2010	0
Oct-2010	0
Nov-2010	0
Dec-2010	0
Jan-2011	0
Feb-2011	0
Mar-2011	0
Apr-2011	0
May-2011	0
Jun-2011	0
Jul-2011	0
Aug-2011	0
Sep-2011	0
Oct-2011	0
Nov-2011	0
Dec-2011	0
Jan-2012	0

**San Juan North  
DD&A Rate Analysis 2004**

# of Days	91	91	92	92	366
<b>April GFO</b>	<b>1Q</b>	<b>2Q</b>	<b>3Q</b>	<b>4Q</b>	<b>FY</b>
	mboe/d	mboe/d	mboe/d	mboe/d	mboe/d
Production	81.533	81.455	82.119	85.278	82.600
DD&A	10.331	10.080	10.275	10.430	41.115
\$DD&A \$/BOE	\$ 1.39	\$ 1.36	\$ 1.36	\$ 1.33	\$ 1.36
<b>DD&amp;A</b>	<b>1Q</b>	<b>2Q</b>	<b>3Q</b>	<b>4Q</b>	<b>FY</b>
UOP	\$ 1.15	\$ 1.12	\$ 1.12	\$ 1.12	\$ 1.12
Straight Line	\$ 0.19	\$ 0.20	\$ 0.20	\$ 0.19	\$ 0.20
DRA	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05
	From 2004 rate worksheet				
	Estimate of 0.5m per quarter				
	Estimate of 0.4m per quarter				
<b>Rates for May GFO</b>	<b>\$ 1.39</b>	<b>\$ 1.37</b>	<b>\$ 1.37</b>	<b>\$ 1.36</b>	<b>\$ 1.36</b>

<b>Purchase Price Premium</b>	<b>1Q</b>	<b>2Q</b>	<b>3Q</b>	<b>4Q</b>	<b>FY</b>
Production	81.533	81.455	82.119	85.278	82.600
PPP	\$20.53	\$20.38	\$20.78	\$21.45	\$83.14
\$PPP \$/BOE	\$ 2.77	\$ 2.75	\$ 2.75	\$ 2.73	\$ 2.75
<b>PPP</b>	<b>1Q</b>	<b>2Q</b>	<b>3Q</b>	<b>4Q</b>	<b>FY</b>
	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75	\$ 0.75
Adj. (Colorado Coal Degas)	\$ 2.03	\$ 2.02	\$ 1.99	\$ 1.91	\$ 1.98
<b>Rates for May GFO</b>	<b>\$ 2.77</b>	<b>\$ 2.77</b>	<b>\$ 2.73</b>	<b>\$ 2.66</b>	<b>\$ 2.73</b>