

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised August 1, 2011

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

WELL API NO. <b>30-045-24863</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Gallegos Canyon Unit Com</b>
8. Well Number <b>168E</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Basin Dakota</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5598 GL

**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 C : 836' feet from the North line and 1573' feet from the West line  
 Section 19 Township 28N Range 11W NMPM County San Juan

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:

OTHER: Recompletion /Downhole commingle

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

**BP America Production Company requests permission to re-complete into the Pinon Gallup by setting a CIBP over the Basin Dakota, establishing a steady production rate in the Pinon Gallup, then remove the CIBP & downhole commingle production with the existing Basin Dakota.**

The DK (71599) & the Pinon Gallup (50380) pools are pre-approved for DHC per NMOCD Case No. 12520; Order No. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for DHC of production in wellbores within the GCU without notice to the unit interest owners. Therefore, no additional notification is required prior to DHC approval.

Production is proposed to be allocated based on the subtraction method using the DK projected future decline. That production will 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 Pinon Gallup.

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

Please see attached DHC procedure, wellbore schematics & C-102 plat. BLM notified via 3160-5 form for lease NMSF080844A

Spud Date:

10/24/1981

Rig Release Date:

\* Prior to perms, provide CDL to Agencies for Review.

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

SIGNATURE

*Toya Colvin*

TITLE Regulatory Analyst

DATE 04/23/13

Type or print name Toya Colvin

E-mail address: Toya.Colvin@bp.com

PHONE: 281-366-7148

State Use Only

Deputy Oil & Gas Inspector,

District #3

APPROVED BY:

*Toya Colvin*

TITLE

DATE

MAY 10 2013

Conditions of Approval (if any):

AV

## Current Wellbore



FIELD	San Juan		
WELL	GCU 168E		
COUNTY	San Juan, New Mexico		
API No.	30-045-24863		
RKB ELEVATION	5,606	SEC:	19
GL ELEVATION	5,593	TOWN:	28N
RKB-GL	13	RANGE:	11W
Lat: 36.65266		Long: -108.0486	

1. MIRU
2. ND wellhead/NU BOPE
3. Test BOPE
4. Pull Production tubing
5. Run bit and scraper, run mill if necessary
6. Set CIBP/Cement Retainer @ 5970' (~30' above top Dakota Perforation)
  - a. Dakota Perfs @ 6005'-6124'
7. MIT casing
  - a. If frac down casing: minimum 3500 psi MIT
  - b. If using Frac string: minimum 1600 psi MIT
  - c. Minimum pressure to be 500 psi per NMOCD rule 19.15.25.14
8. Repair integrity issues as necessary
9. Run CBL log, verify 500' of cement above planned top perf.
10. Spot 50' sand on top of CIBP (5, 100# sacks)
11. Shoot perfs
  - a. Planned perfs: 5536'-5560'
12. Run frac string if necessary
13. ND BOPE
14. NU Frac stack
15. RDMO
16. Frac Gallup/Mancos using 70Q N2 foam and 100K#s of sand
17. MIRU
18. RIH with mill and mill up all plugs to ~5920'
19. Run production tubing and land @ ~5660'
20. Run Pump and rods
21. Produce Pinon Gallup until production can be determined, after a steady production rate is obtained, we will go back and mill up the CIBP set @ 5970' and co-mingle with the Dakota

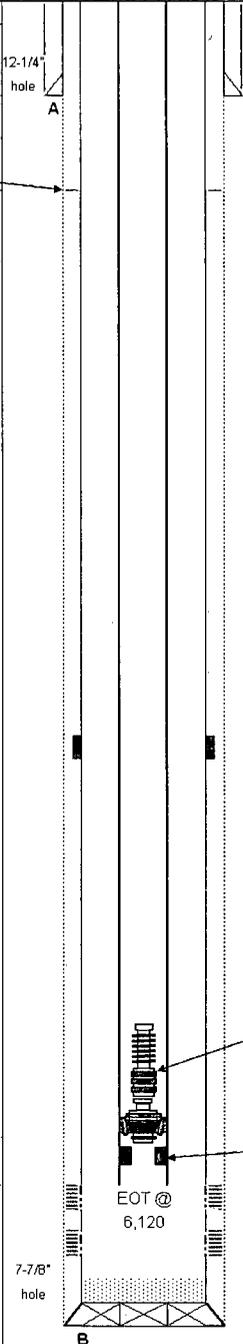
Current WBD:

**GCU 168E**

Current Wellbore



COMMENTS	
8.625" Casing TOC: Surface Cmt w/ 315 sx Type A	12-1/4" hole
4.5" Casing TOC: 900' Stage 1: Pump 440 sx C; Stage 2: Pump 1000 sx C;	A
<b>Formation Tops</b>	
Nacimiento	337
Kirtland	395
Fruitland	660
PC	1,486
Chacra	2,429
MV	3,118
Cliffhouse	3,118
Mennefee	3,174
PL	3,896
Gallup	5,110
Main DK	6,054
DV Tool @ 4373'	
<b>DAKOTA Perforations</b>	
Frac'd with "110,000 gal foam" and 152 250# 20-40 sand.	
6005'- 6012'	
6054'- 6094'	
6108'- 6124'	
7-7/8" hole	B



EQUIPMENT DESCRIPTION	
Unable to retrieve plunger stop	
SN @ 6119'	
EOT @ 6,120	

FIELD	San Juan		
WELL	GCU 168E		
COUNTY	San Juan, New Mexico		
API No.	30-045-24863		
RKB ELEVATION	5,606	SEC:	19
GL ELEVATION	5,593	TOWN:	28N
RKB-GL	13	RANGE:	11W
Lat. 36.65266		Long. -108.0486	

DIRECTIONAL DATA			
MAX ANGLE	1.250	THRU	TD
KOP	N/A	TYPE	Vertical

PRODUCTION DETAIL		
	TUBING	CASING
SIZE	2 3/8 "	4 1/2 "
WEIGHT	4.7ppf	10.5ppf
GRADE	J-55	K-55
DEPTH	6,120'	6,179'
THREAD	8R EUE	ST+C
I.D.	1.995"	4.052"
DRIFT	1.901"	3.927"
BURST	7700 PSI	4790 PSI
COLLAPSE	8100 PSI	4010 PSI
CAPACITY	0.00387 bbl/ft	0.01595 bbl/ft
# JOINTS	191	

PRODUCTION ASSEMBLY DETAIL				
#	O. D.	I. D.	LENGTH	Description
	IN	IN	FT	
1	3.125	?	1.10	SN
2	3.125	?		Sawtooth Collar
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

CASING DETAIL					
#	SIZE	WGHT	GRADE	THREAD	DEPTH
A	8 5/8	24	J-55	ST+C	367
B	4 1/2	10.5	K-55	ST+C	6,179
C					
D					
E					
F					
G					

PRESSURE DATA	
BOTTOM HOLE PRESSURE	350 PSI
per SOR	
BOTTOM HOLE TEMPERATURE	162°F
Calculated: 65 + 0.0138 * 6211	

Prepared by: David Wages Date: 18-Apr-2013

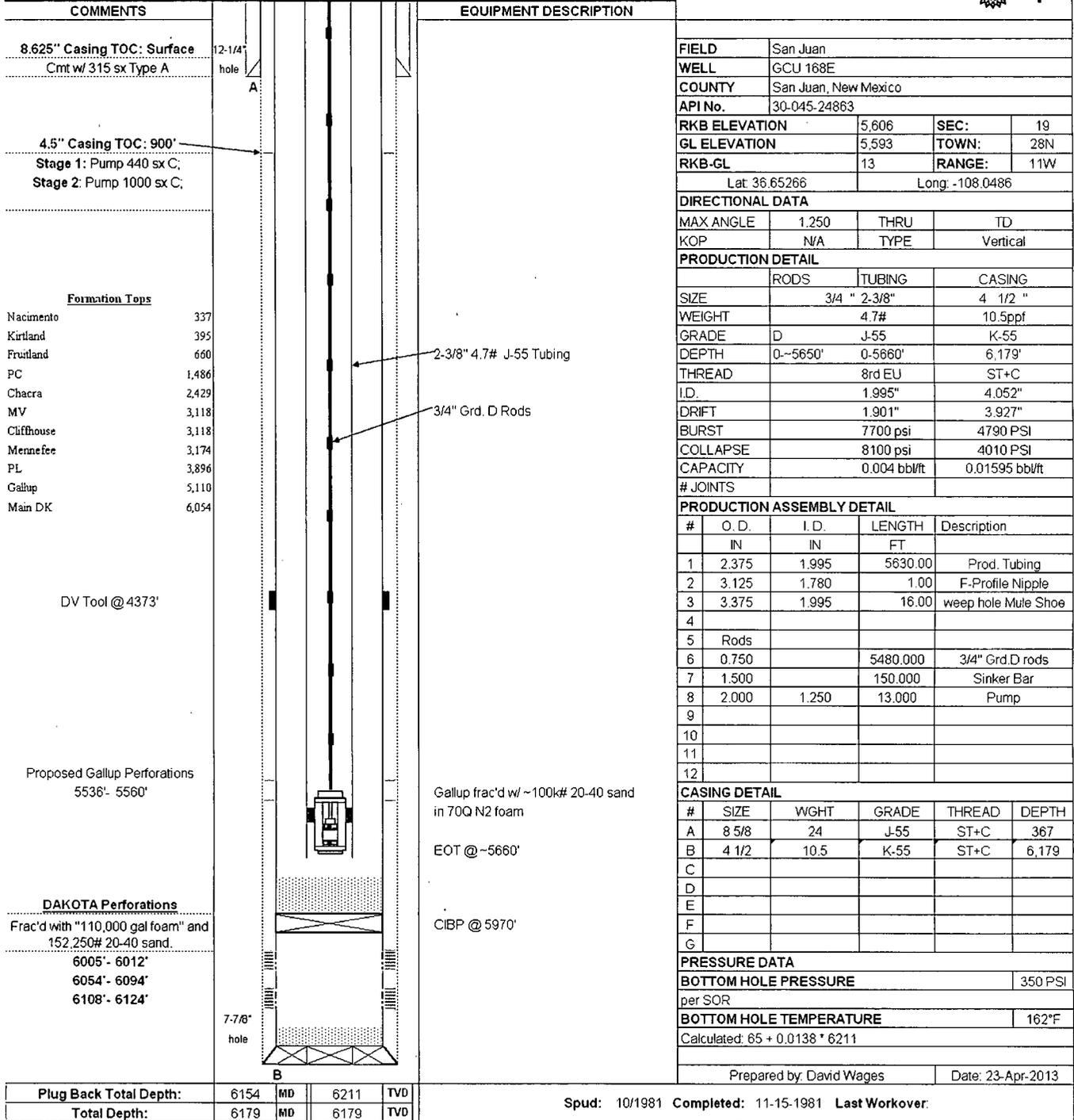
Plug Back Total Depth:	6154	MD	6211	TVD
Total Depth:	6179	MD	6179	TVD

Spud: 10/1981 Completed: 11-15-1981 Last Workover:

Proposed Final WBD:

**GCU 168E**

Current Wellbore



DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
Phone: (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 478-3460 Fax: (505) 478-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-045-24863</b>		*Pool Code <b>71599 ; <del>50380</del></b>		*Pool Name <b>BASIN DAKOTA</b>	
*Property Code <b>000570</b>		*Property Name <b>GALLEGOS CANYON UNIT</b>			*Well Number <b>168E</b>
*OGRD No. <b>000778</b>		*Operator Name <b>BP AMERICA PRODUCTION COMPANY</b>			*Elevation <b>5598</b>

<sup>10</sup> Surface Location

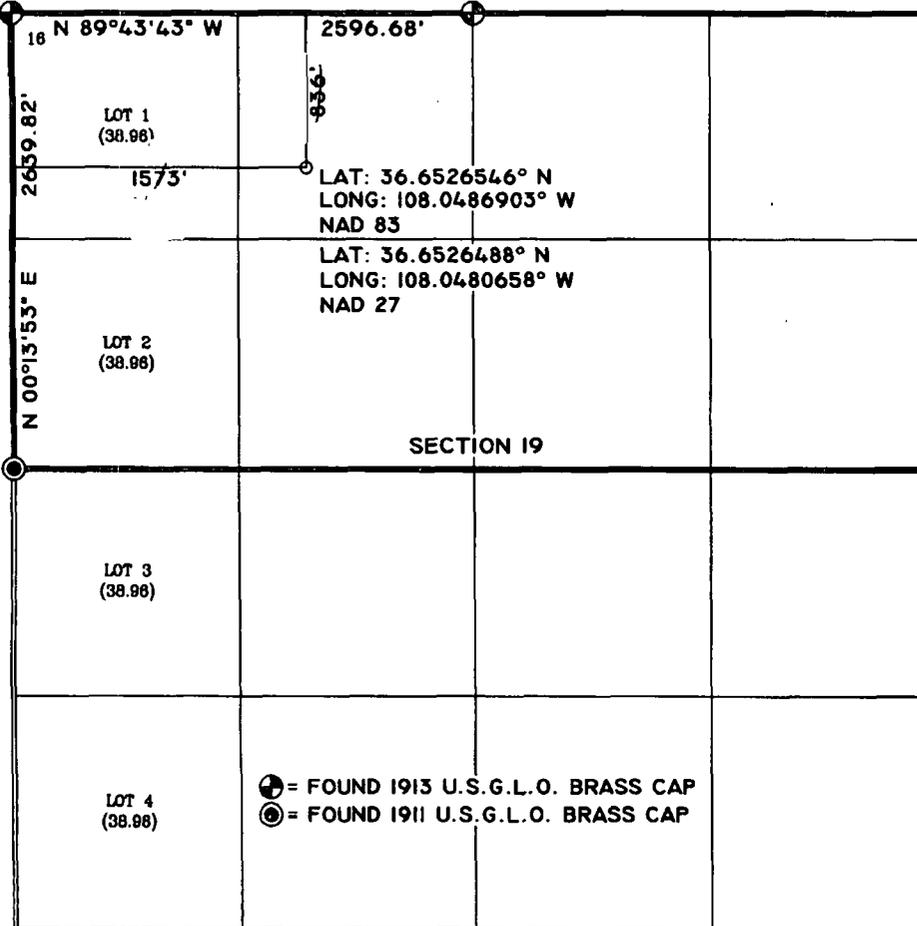
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	28 N	11 W		836	NORTH	1573	WEST	SAN JUAN

<sup>11</sup> 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
									RCVD APR 26 '13

*Dedicated Acres <b>317.92 N/2</b>		*Joint or Infill		*Consolidation Code		Order No. <b>R-11567</b>		OIL CONS. DIV. DIST. 3	
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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



**17 OPERATOR CERTIFICATION**

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 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.

*Toya Colvin* 04/23/2013  
Signature Date

Toya Colvin  
Printed Name

Toya.Colvin@bp.com  
E-mail Address

**18 SURVEYOR 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 belief.

03/25/13  
Date of Survey

Signature and Seal of Professional Surveyor

MARSHALL W. LINDEN  
NEW MEXICO  
4 17078  
PROFESSIONAL SURVEYOR

17078  
Certificate Number

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

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

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised July 16, 2010  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-045-24863		<sup>2</sup> Pool Code 71599 & 50380		<sup>3</sup> Pool Name <del>Basin Dakota</del> & Pinon Gallup	
<sup>4</sup> Property Code 000570		<sup>5</sup> Property Name Gallegos Canyon Unit			<sup>6</sup> Well Number 168E
<sup>7</sup> OGRID No. 000778		<sup>8</sup> Operator Name BP America Production Company			<sup>9</sup> Elevation 5598

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	28N	11W		836	North	1573	West	San Juan

<sup>11</sup> 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

**RCVD MAY 2 '13**  
**OIL CONS. DIV.**  
**DIST. 3**

<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-11567
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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.

<div style="border: 2px solid black; padding: 5px;"> <p>16</p> </div>	<p><sup>17</sup> <b>OPERATOR CERTIFICATION</b></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 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><i>Tova Colvin</i> 4/28/13 Signature Date</p> <p>Tova Colvin Printed Name</p> <p>Tova.Colvin@bp.com E-mail Address</p>	
	<p><sup>18</sup> <b>SURVEYOR CERTIFICATION</b></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>Date of Survey Signature and Seal of Professional Surveyor:</p>	
	<p>Previously Filed</p>	
	<p>Certificate Number</p>	