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**west virginia** department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

October 20, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-6100376, issued to CONSOL GAS COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin  
Chief

Operator's Well No: 12484  
Farm Name: DALTON, SADIE M.  
**API Well Number: 47-6100376**  
**Permit Type: Plugging**  
Date Issued: 10/20/2015

**Promoting a healthy environment.**

**10/23/2015**

## PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

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### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

WW-4B  
Rev. 2/01

1) Date \_\_\_\_\_, 2015  
2) Operator's Well No. 7147  
3) API Well No. 47-061-00376

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_\_ / Gas X / Liquid injection \_\_\_\_ / Waste disposal \_\_\_\_ /  
(If "Gas, Production X or Underground storage \_\_\_\_ ) Deep \_\_\_\_ / Shallow X

5) Location: Elevation 2123.18 Watershed Upper Monongahela River  
District Clinton County Monongalia Quadrangle Morgantown South, WV

6) Well Operator Consol Gas Company 7) Designated Agent Craig Neal  
Address 1000 Consol Energy Drive Address 1000 Consol Energy Drive  
Canonsburg, PA 15317 Canonsburg, PA 15317

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gayne Knitowski Name Contractor Services Inc. (CSI)  
Address P.O. Box 108 Address 929 Charleston Rd.  
Gorman, WV 26720 Spencer, WV 25776

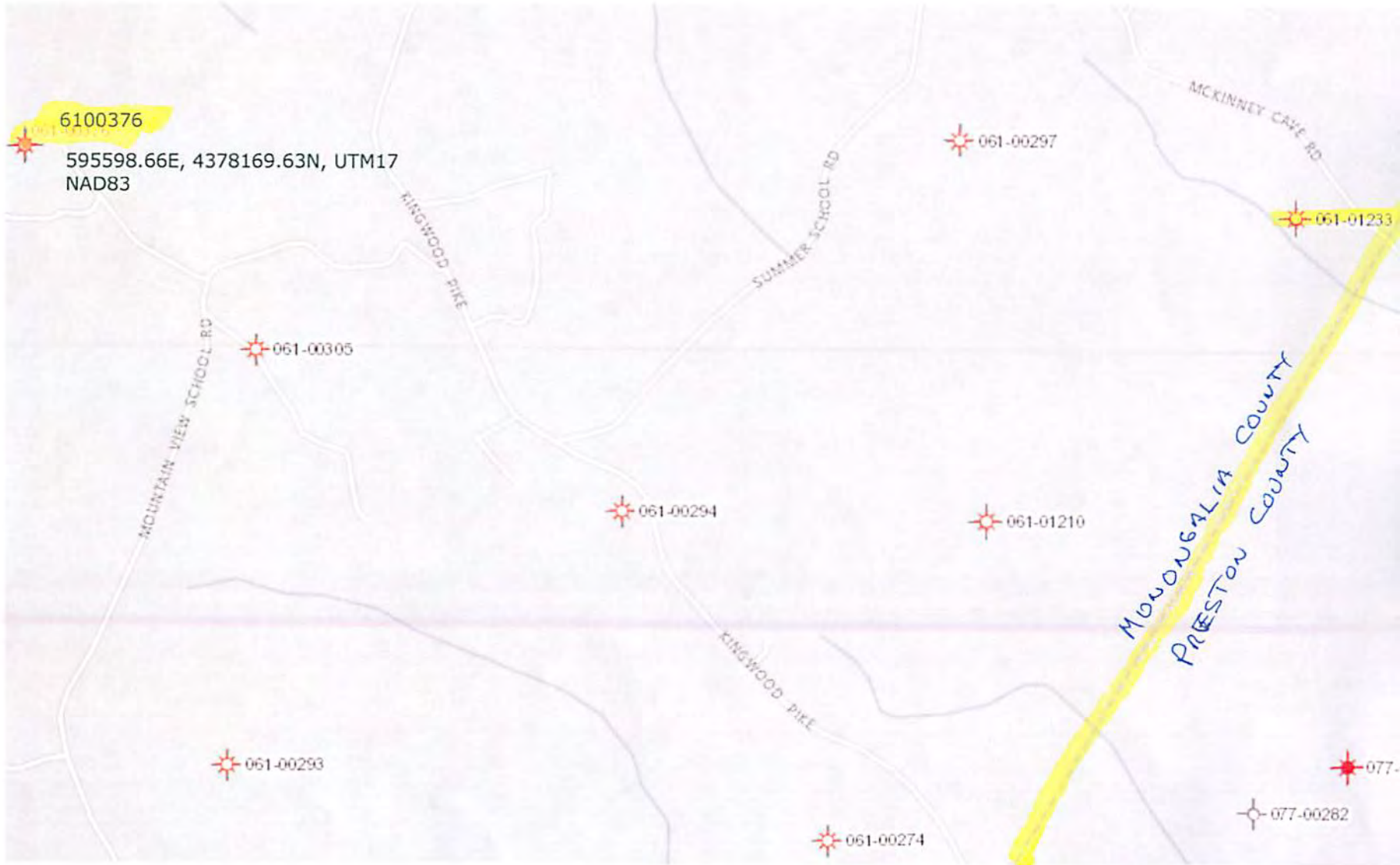
10) Work Order: The work order for the manner of plugging this well is as follows:  
Please see attached pages.

Received  
AUG 14 2015  
Office of Oil and Gas  
WV Dept. of Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

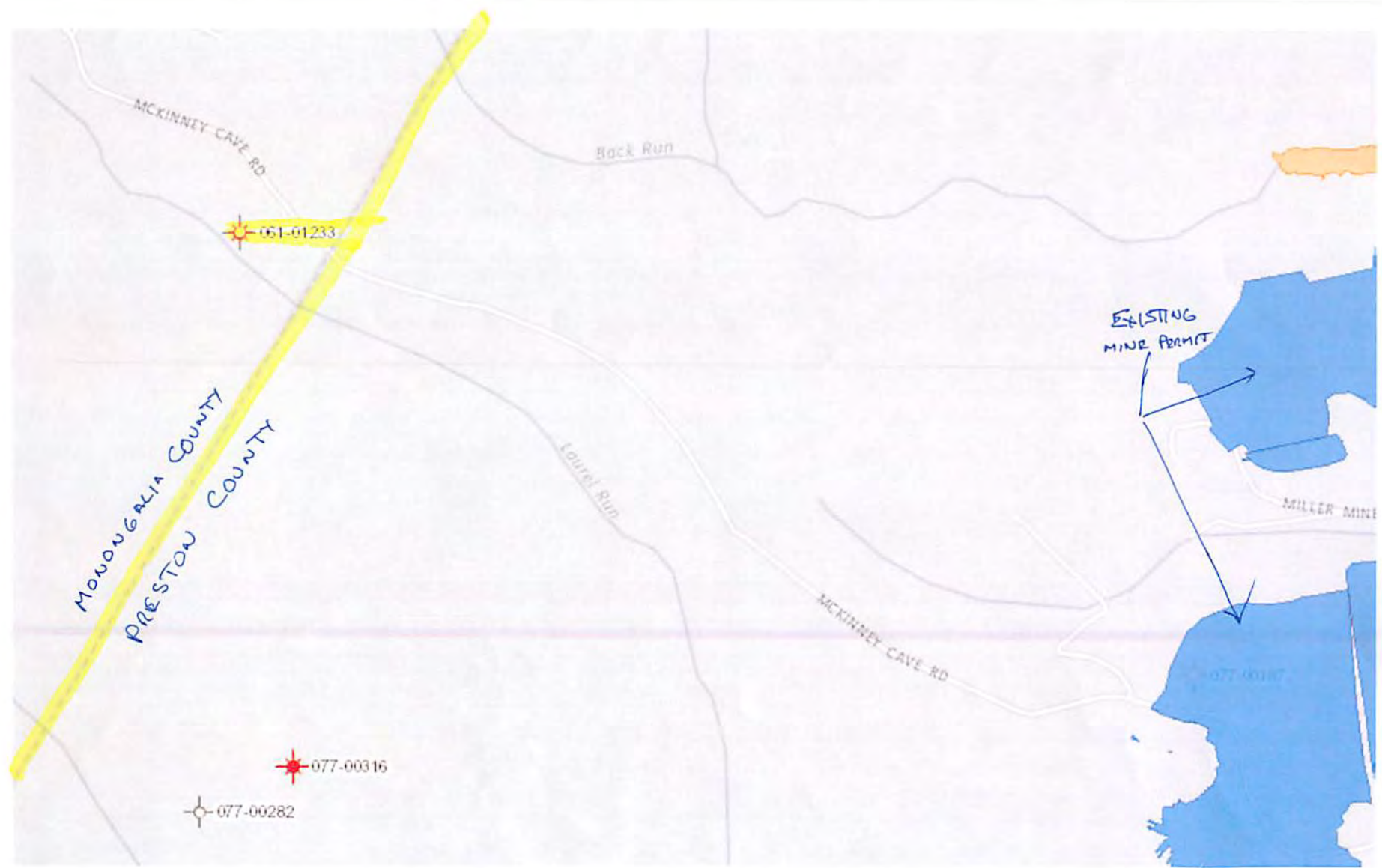
Work order approved by inspector Gayne Knitowski Date 8/11/2015

6100376f



DOCUMENT PROVIDED BY O&G

6100376P



DOCUMENT PROVIDED BY OOTG

Sadie M Dalton #7147

API 47-061-00376

Clinton District

Monongalia County

Location: Masontown Northing: 4378169.63

Easting: 595598.66

Elevation: 2123.18

Proposed Plug & Abandonment Procedure:

The work order for the manner of plugging this well is as follows:

The wellbore will be cleaned out to the total depth. An attempt to remove all casing shall be made by pulling a minimum of 150% of the casing string weight. From the total depth to the surface, casing will be removed so that only fully cemented casing strings will be left in the wellbore. Intact and uncemented casing as determined by electronic logging shall be perforated, ripped, or milled at no greater than 100 ft. intervals from total depth to the top of the casing. A borehole survey will be conducted to determine the top and bottom of any mineable coal seam. ~~In addition, starting at a point 5 ft. below through 5 ft. above any mineable coal seam, any casing shall be ripped, cut, or perforated on no greater than 5 ft. intervals.~~ Circulation will have been established using gelled water to the clean out depth. Expanding cement will be placed from the total depth to 100 ft. above any mineable coal seam. From that point to the surface, Class A cement with no more than 3% CaCl<sub>2</sub> and no other additives shall be used to fill the wellbore. A monument with the API number will be set on the wellbore at the surface. All plugging shall comply with WV Code Chapter 22 Article 6. The disturbed areas shall be graded, seeded and mulched as required.

\* Reclaim site ASAP

RNM

★ AFTER DETERMINING THE FREEPOINT OF THE 4 1/2" CASING (≈6585'), CUT CASING AND REMOVE IT FROM WELLBORE.

★ 9 5/8" ± 13 3/8" CASING IF CEMENTED TO SURFACE AS INDICATED ON OG-10, THEN DO NOT REMOVE, RIP OR PERFORATE

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AUG 14 2015  
Office of Oil and Gas  
WV Dept. of Environmental Protection

10/23/2015

OG-10  
Rev. - 9-71



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
**Oil and Gas Division**  
**WELL RECORD 14**

Oil and Gas Division  
Morgantown, WV

Quadrangle Morgantown

Permit No. MON-376  
47-061

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company Consolidated Gas Supply Corp.  
Address 445 W. Main St., Clarksburg, WV  
Farm Sadie M. Dalton Acres 107.9  
Location (waters) Mountain Run Branch  
Well No. 12484 Elev. 2125'  
District Clinton County Monongalia  
The surface of tract is owned in fee by Orville Dalton  
Address Rt. 3, Box 265, Morgantown, WV  
Mineral rights are owned by Sadie M. Dalton  
Address Rt. 3, Box 265, Morgantown, WV

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 3-10" 13 3/8"	23'	23'	To Surface
4 5/8	1373'	1373'	To Surface
3 5/8			
1/2			
1/2	8181'	8181'	400 SKS.
Liners Used			

Drilling Commenced July 26, 1978  
Drilling Completed August 21, 1978  
Initial open flow NT cu. ft. \_\_\_\_\_ bbls.  
Final production 2316M cu. ft. per day \_\_\_\_\_ bbls.  
Well open 4 hrs. before test 3200# RP.

Well treatment details:  
Well fractured in Chert with 94,500# sand, 1200 bbls. of 5% Hcl, 2000 gal. 20% HCl & 7000 Gal Raw Acid. Perforations: 7882 - 7962' with 40 holes.

Attach copy of cementing record.

Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 70' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Chert Depth 7962'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Fill			0	30		
Sand & Shale			30	247	Water	70' 1/2"
Red Rock & Shale			247	309		
Shale & Sand			309	373		
Red Rock & Shale			373	495		
Sandy Shale			495	554		
Lime			554	645		
Red Rock & Shale			645	694		
Sand & Shale			694	1392		
Sand, Shale & Red Rock			1392	1820		
Sand & Shale			1820	2630		
Shale			2630	4579		
Sand & Shale			4579	5271		
Shale			5271	6168		
Sand & Shale			6168	6931		
Shale			6931	7360		
Tully			7360	7460		
Shale			7460	7820		
Onondaga			7880	7890		
Chert			7890	8100		
Oriskany			8100	8150		
Sand & Shale			8150	8195	T.D	

10/23/2015

\* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Dist. to Water	Notes
Gamma Ray Log Tops						
Little Lime			495	515		
Big Lime			535	780		
Tully			7290	7420		
Onondaga			7863	7878		
Chert			7878	8076		
Oriskany			8076	8120		
Helderberg			8120	-		
Total Depth				8195		

Consolidated Gas Supply Corp.  
 445 West Main Street  
 Clarksburg, West Virginia

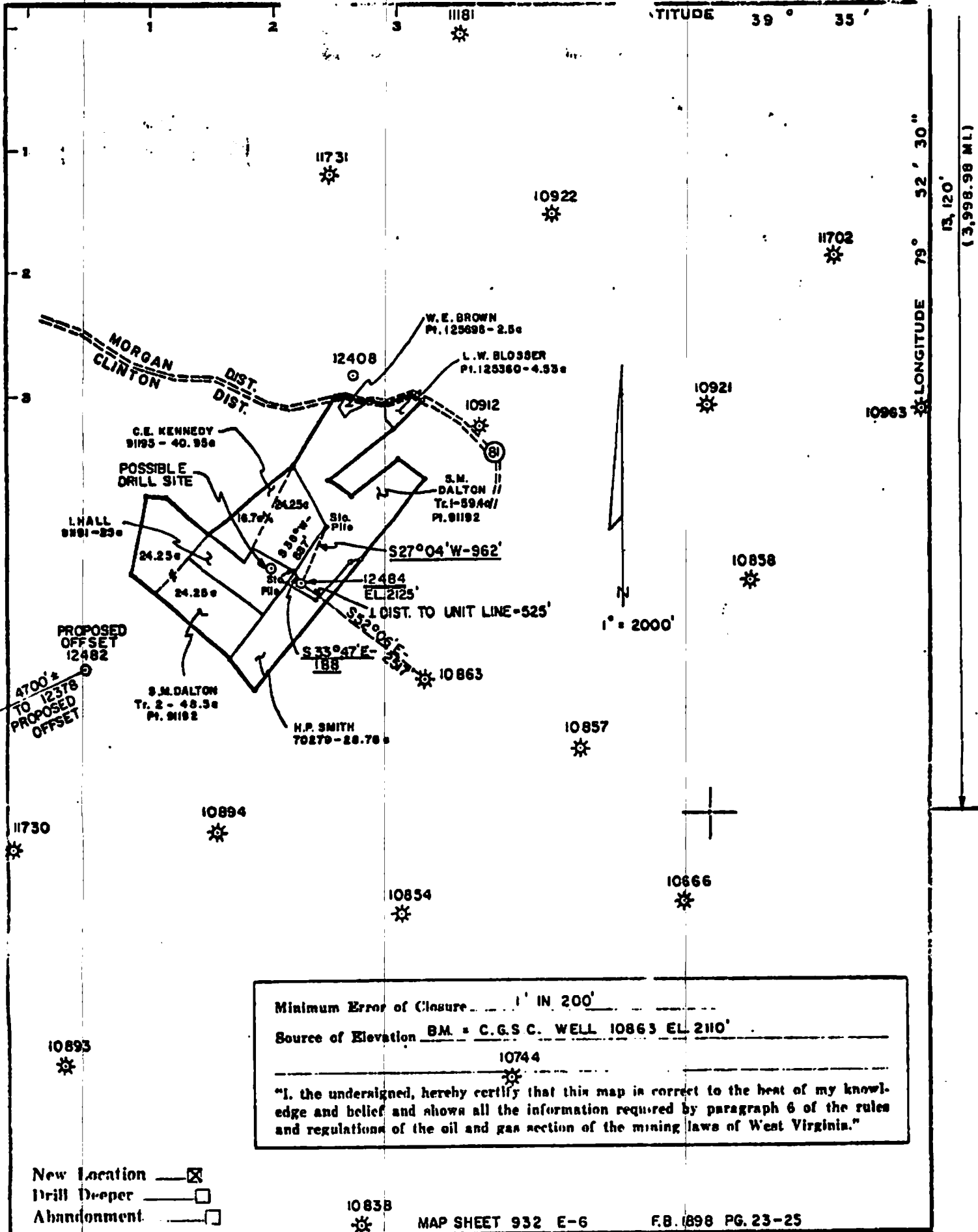
10/23/2015

Date November 17, 1978

APPROVED Consolidated Gas Supply Corp.

By *J. E. Payne* Manager of Prod.





Minimum Error of Closure 1' IN 200'  
 Source of Elevation BM. = C.G.S.C. WELL 10863 EL. 2110'  
10744  
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

New Location   
 Drill Deeper   
 Abandonment

1083B MAP SHEET 932 E-6 F.B. 1898 PG. 23-25

Company CONSOLIDATED GAS SUPPLY CORP  
 Address CLARKSBURG, W.VA.  
 Farm SADIE M. DALTON (SURF. & MIN.)  
 Tract Acres 107.90 Lease No. 91192  
 Well (Farm) No.                      Serial No. 12484  
 Elevation (Spirit Level) 2125'  
 Quadrangle MORGANTOWN - SOUTH  
 County MORGAN District CLINTON  
 Engineer Daniel M. Radcliffe  
 Engineer's Registration No. LLS #74  
 File No.                      Drawing No.                       
 Date APRIL 19, 1978 Scale 1" = 2000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. 47-061-0376

Denotes location of well on United States Topographic Maps, scale 1" = 24,000' latitude and longitude lines being represented by heavy lines as shown.  
 — Denotes one inch spaces on order line of original tracing.

APR 23 2015

DIVISION TV

CGSC, Operator - 25%  
ENSOURCE, INC. - 75%

WORKING DISTRICT: *Masonington*  
209.66 Unit

7147

WELL No. 12484

NAME *Isabel Hall*

LEASE No. 91192

ACRES 127.90 MAP No. 932

N      E       
S E-6 W     

District *Cheston*  
 Township *Monmouth*  
 County *Monmouth*  
 State *VA*  
 Located *1-23-78* W.O. *4231-02868*  
 Elev. *2125'* Grd. D.F.  
 Top Cr.   
 Contractor *Union Drilling*  
 Well Owners *State of VA* Permit No. *MOU-376*  
*47-0601*

Formation	Top	Bottom	Gas	Oil	Water
<i>No coal</i>					

CASING RECORD							PULLED
Date	Size	Wt.	Grade	Amount	Set	Cemented With	Date
	<i>1 3/8</i>			<i>23</i>	<i>23</i>	<i>Surf.</i>	<i>12</i>
	<i>9 5/8</i>	<i>36</i>	<i>KSS</i>	<i>1373</i>	<i>1360</i>	<i>Surf.</i>	<i>450</i>
	<i>4 1/2</i>	<i>11.6</i>	<i>N80</i>	<i>8181</i>	<i>8103</i>		<i>400</i>
	<i>1 1/2</i>	<i>2.5</i>	<i>1155</i>	<i>7756</i>	<i>7711</i>	<i>T.O.C.</i>	<i>6585</i>

Agreement Dated   
 Area Purchased   
 Drig. Commenced *7-26-78*  
 Drig. Completed *8-21-78*  
 Well Completed *9-12-78*  
 Turned In Line *12-12-80*  
 Line No. *2" H-2152L*  
 Purchased From   
 Date  O.S. No.   
 Sold To   
 Date  O.S. No.   
 Disconnected   
 Date Plugged   
 Classified: *Shut Prod.*  
 Total Depth   
 Plugged Back To   
 Gas Measured By: *YMeter*

GAMMA RAY LOG				
Time	495	515	535	780
<i>10 Time</i>				
<i>11 Time</i>				
<i>12 Time</i>				
<i>13 Time</i>				
<i>14 Time</i>				
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<i>99 Time</i>				
<i>100 Time</i>				

SIDE & PACKER DATA				PERFORATING DATA		
Date	Size	Type	Set	Pulled	Depth	Holes
	<i>4 1/2</i>	<i>Flange</i>	<i>3100</i>		<i>7882-7902</i>	<i>40</i>

LOGGING DATA				INITIAL DAILY OIL PROD.		
Date	Type	Interval	Co.	Date	Bbls.	Formation
<i>8-20-78</i>	<i>FDC - GR.</i>	<i>8176-100</i>	<i>Amherst</i>			
	<i>IS</i>	<i>8170-1370</i>	<i>"</i>			
<i>9-07-78</i>	<i>GR</i>					

VOLUME AND PRESSURE																			
Date	Reading	Liquid	SIZE			MINUTE RISE										Hrs.	Days	VOLUME	SAND
			Opening	CSG	TBG	1	2	3	4	5	11	20	60						
<i>9-12-78</i>	<i>14/10</i>	<i>M</i>	<i>4" CF</i>	<i>4 1/2</i>		<i>0</i>	<i>50</i>	<i>50</i>	<i>100</i>	<i>100</i>	<i>300</i>	<i>600</i>	<i>1200</i>		<i>14</i>	<i>3200</i>	<i>2,316,000</i>	<i>Chest.</i>	

REPAIR AND DRILLING DEEPER									
Commenced	Completed	C.O. To	D.D. To	Volume		Rock Pressure			
				Before	After	Before	24 Hr. After	10 D. After	

TREATMENT DATA (Shot, Fracture, Acidize, Etc.)							
Date	Type	BD Press	Sand	O.F. Before	O.F. After	R.P. Before	R.P. After
<i>9-9-78</i>	<i>Acid</i>	<i>2600</i>	<i>Chest.</i>	<i>NT</i>	<i>2,316,000</i>	<i>NT</i>	<i>3200 - 14 day</i>

REMARKS

*Received*

*1 / 4 2018*

*6100376/P*

WELL NO.

Balling And Test Reports

Balling And Test Reports							Date	Days In Line	Monthly Prod. (MCF)	On	Off	Rock Pressure	Date	Days In Line	Monthly Prod. (MCF)	On	Off	Rock Pressure
Date	Test Before	Fluid Balled	Depth Balled	Test After	Rock Pressure	Remarks	19 Jan.						July					
							Feb.						Aug.					
							Mar.						Sept.					
							Apr.						Oct.					
							May						Nov.					
							June						Dec.					
							July						Total					CUM.
							Aug.						19 Jan.					
							Sept.						Feb.					
							Oct.						Mar.					
							Nov.						Apr.					
							Dec.						May					
							Total						June					CUM.
							19 Jan.						July					
							Feb.						Aug.					
							Mar.						Sept.					
							Apr.						Oct.					
							May						Nov.					
							June						Dec.					
							July						Total					CUM.
							Aug.						19 Jan.					
							Sept.						Feb.					
							Oct.						Mar.					
							Nov.						Apr.					
							Dec.						May					
							Total						June					CUM.
							19 Jan.						July					
							Feb.						Aug.					
							Mar.						Sept.					
							Apr.						Oct.					
							May						Nov.					
							June						Dec.					
							July						Total					CUM.
							Aug.						19 Jan.					
							Sept.						Feb.					
							Oct.						Mar.					
							Nov.						Apr.					
							Dec.						May					
							Total						June					CUM.
							19 Jan.						July					
							Feb.						Aug.					
							Mar.						Sept.					
							Apr.						Oct.					
							May						Nov.					
							June						Dec.					
							July						Total					CUM.
							Aug.						19 Jan.					
							Sept.						Feb.					
							Oct.						Mar.					
							Nov.						Apr.					
							Dec.						May					
							Total						June					CUM.
							19 Jan.						July					
							Feb.						Aug.					
							Mar.						Sept.					
							Apr.						Oct.					
							May						Nov.					
							June						Dec.					

WW-4A  
(Rev. 6-07)

1) Date: August 4, 2015  
2) Operator's Well Number Sadie Dalton #7147  
3) API Well No.: 47 - 061 - 00376  
State County Permit

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Brenda Dalton</u>	Name _____
Address <u>1390 Summers School Rd.</u>	Address _____
<u>Morgantown, WV 26508</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Brenda Dalton</u>
	Address <u>1390 Summers School Rd</u>
	<u>Morgantown, WV 26508</u>
(c) Name _____	Name <u>Okey Lee Dalton</u>
Address _____	Address <u>222 Mountainview Rd</u>
	<u>Morgantown, WV 26508</u>
6) Inspector <u>Gayne Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 108</u>	Name _____
<u>Gormanian, WV 26720</u>	Address _____
Telephone <u>304-546-8171</u>	

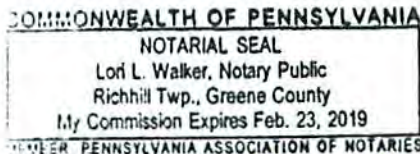
**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:** You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed the Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this notice, the Application, and the plat have been mailed by register or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Consol Gas Company  
 By: Craig Neal  
 Its: VP Northern App Gas Ops  
 Address 1000 Consol Energy Drive  
Canonsburg, PA 15317  
 Telephone 724-6271492



Subscribed and sworn before me this 4th day of August, 2015  
Lor L. Walker Notary Public  
 My Commission Expires February 23, 2019



Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

WW-9  
(2/15)

API Number 47 - 061 - 00376

Operator's Well No. Sadie M. Dalton #7147

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Consol Gas Company OP Code 494495754

Watershed (HUC 10) Upper Monongahela River Quadrangle Morgantown South, WV

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

Will closed loop system be used? If so, describe: Closed loop system utilized to tank for storage

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Hauled off site for disposal

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) \_\_\_\_\_

-Landfill or offsite name/permit number? Hauled fluid/mud to Consol Impoundment: ID# CRD30020701 Area 3

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

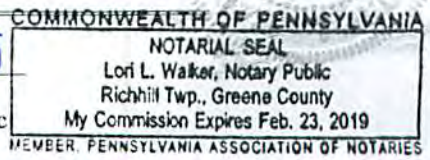
Company Official Signature Craig Neal

Company Official (Typed Name) Craig Neal

Company Official Title VP Northern App Gas Ops, Consol Gas Company

Subscribed and sworn before me this 6th day of August, 20 15  
Lori L. Walker Notary Public

My commission expires February 23, 2019



Received

AUG 14 2015

Office of Oil and Gas  
Dept. of Environmental Protection

Consol Gas Company

Proposed Revegetation Treatment: Acres Disturbed less than 1 acre Prevegetation pH \_\_\_\_\_

Lime 2-3 Tons/acre or to correct to pH \_\_\_\_\_

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch hay or straw 2 Tons/acre

Seed Mixtures

**Temporary**

**Permanent**

Seed Type	lbs/acre
Tall Fescue	40
Landino Clover	5

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Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Gary J. Karkowski

Comments: \_\_\_\_\_

Reclaim site asap.

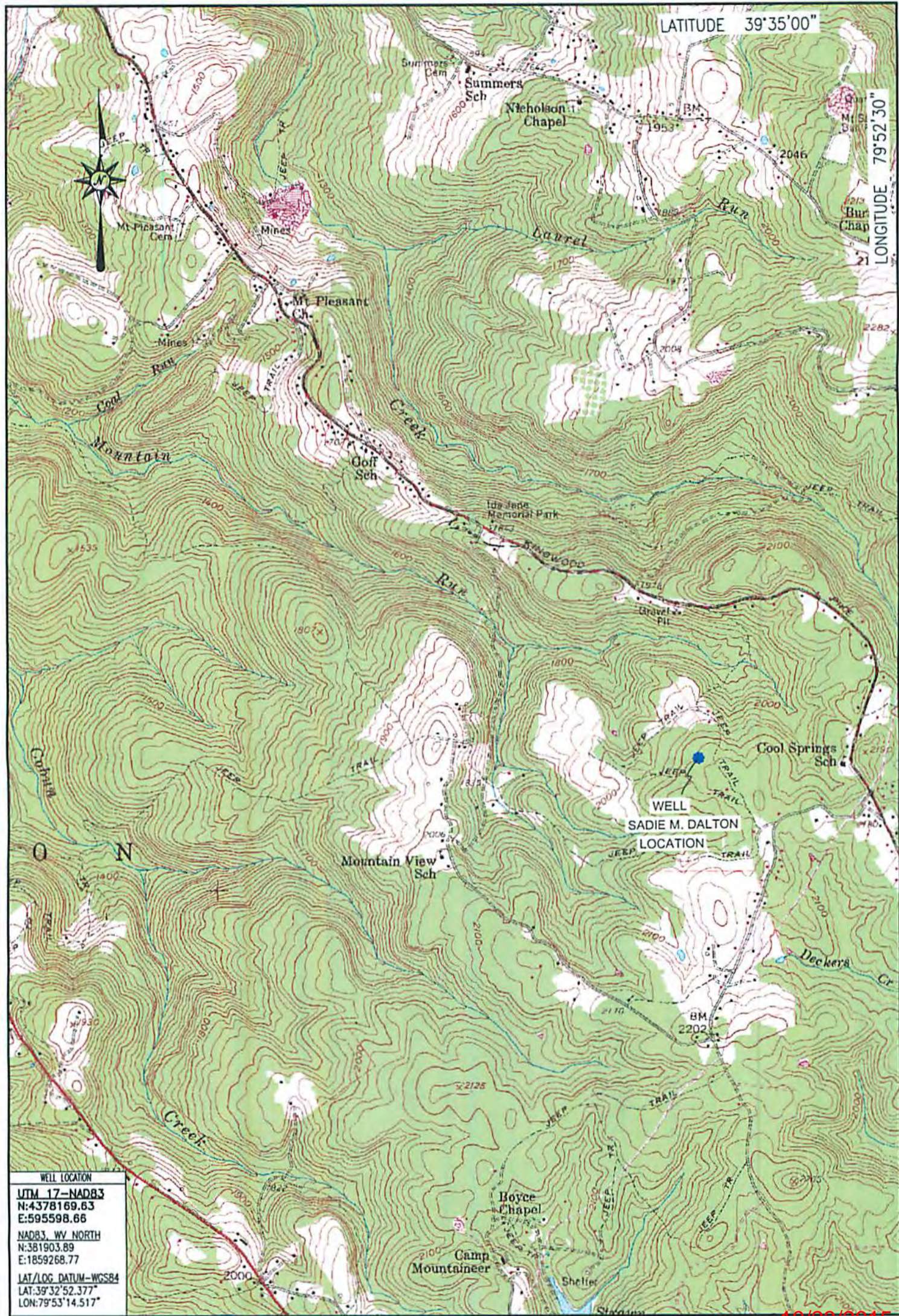
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Office of Oil and Gas  
WV Dept. of Environmental Protection

Title: Inspector Date: 8/11/2015

Field Reviewed? (  ) Yes (  ) No



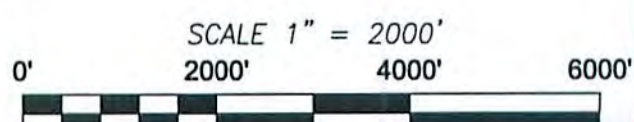
WELL LOCATION  
 UTM 17-NAD83  
 N:4378169.63  
 E:595598.66  
 NAD83, WY NORTH  
 N:381903.89  
 E:1859268.77  
 LAT/LOG DATUM-WGS84  
 LAT:39°32'52.377"  
 LON:79°53'14.517"

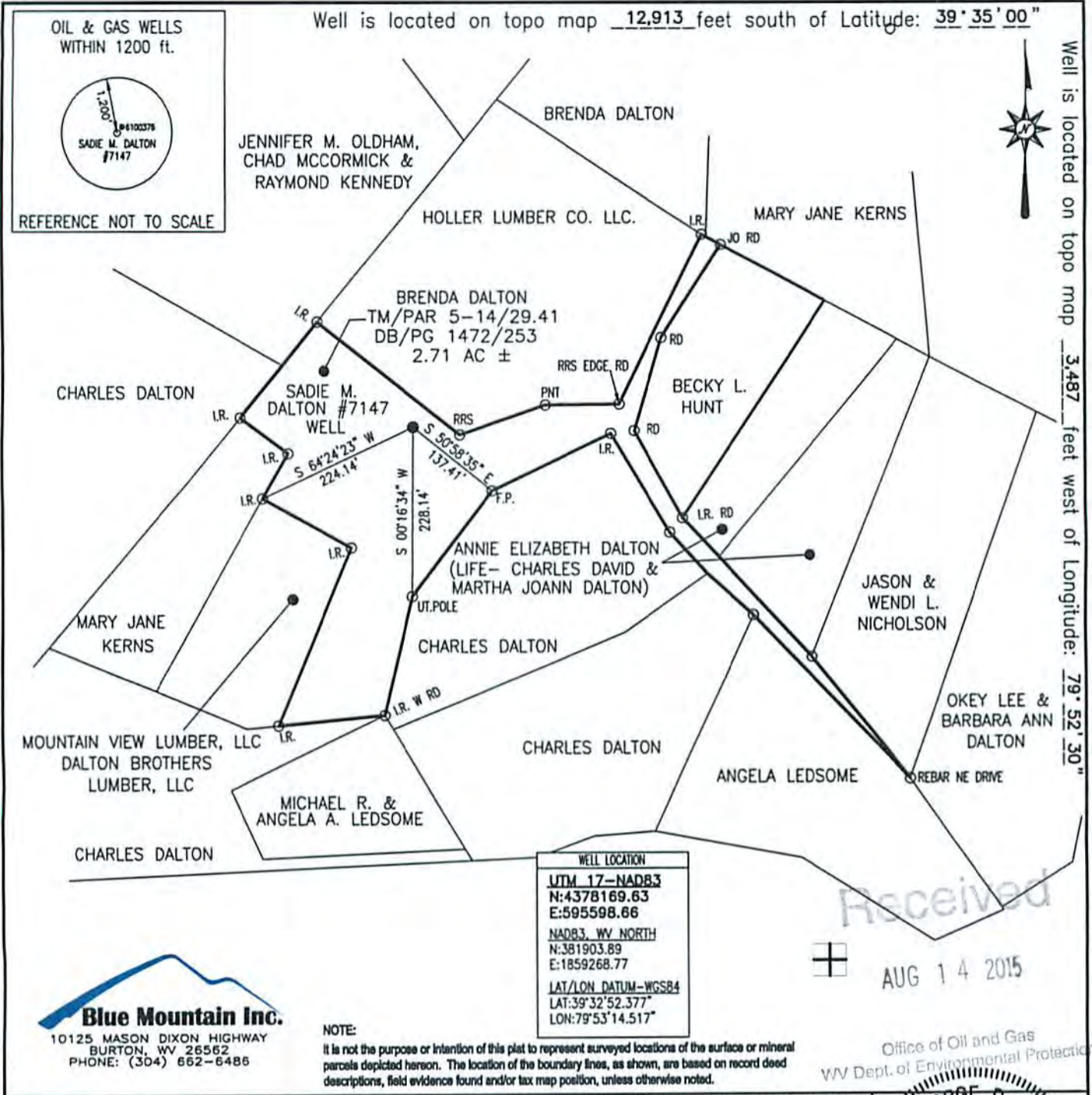
10/23/2015

LOCATION MAP  
 JUNE 25, 2015

**Blue Mountain Inc.**  
 10125 MASON DIXON HIGHWAY  
 BURTON, WY 26562  
 PHONE: (304) 662-6486

SADIE M. DALTON  
 MORGANTOWN SOUTH QUADRANGLE  
 WEST VIRGINIA





OIL & GAS WELLS  
WITHIN 1200 ft.

1,200'

SADIE M. DALTON #7147

REFERENCE NOT TO SCALE

Well is located on topo map 3.487 feet west of Longitude: 79° 52' 30"

Well is located on topo map 12.913 feet south of Latitude: 39° 35' 00"

WELL LOCATION

UTM 17-NAD83  
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NOTE:  
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FILE #: SADIE M. DALTON #7147  
DRAWING #: SADIE M. DALTON #7147  
SCALE: 1" = 200'  
MINIMUM DEGREE OF ACCURACY: 1/2500  
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [Signature]  
R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000

GEORGE D SIX  
LICENSED  
No. 2000  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304



DATE: JUNE 25, 2015  
OPERATOR'S WELL #: SADIE M. DALTON #7147  
API WELL #: 47 061 00376  
STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: UPPER MONONGAHELA RIVER ELEVATION: 2123.18'

COUNTY/DISTRICT: MONONGALIA / CLINTON QUADRANGLE: MORGANTOWN SOUTH, WV

SURFACE OWNER: BRENDA DALTON ACREAGE: 2.71±

OIL & GAS ROYALTY OWNER: \_\_\_\_\_ ACREAGE: \_\_\_\_\_

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: ORISKANY ESTIMATED DEPTH: 8,195'±

WELL OPERATOR CONSOL GAS COMPANY DESIGNATED AGENT CRAIG NEAL  
Address 1000 CONSOL ENERGY DRIVE Address 1000 CONSOL ENERGY DRIVE  
City CANONSBURG State PA Zip Code 15317 City CANONSBURG State PA Zip Code 15317

10/23/2015



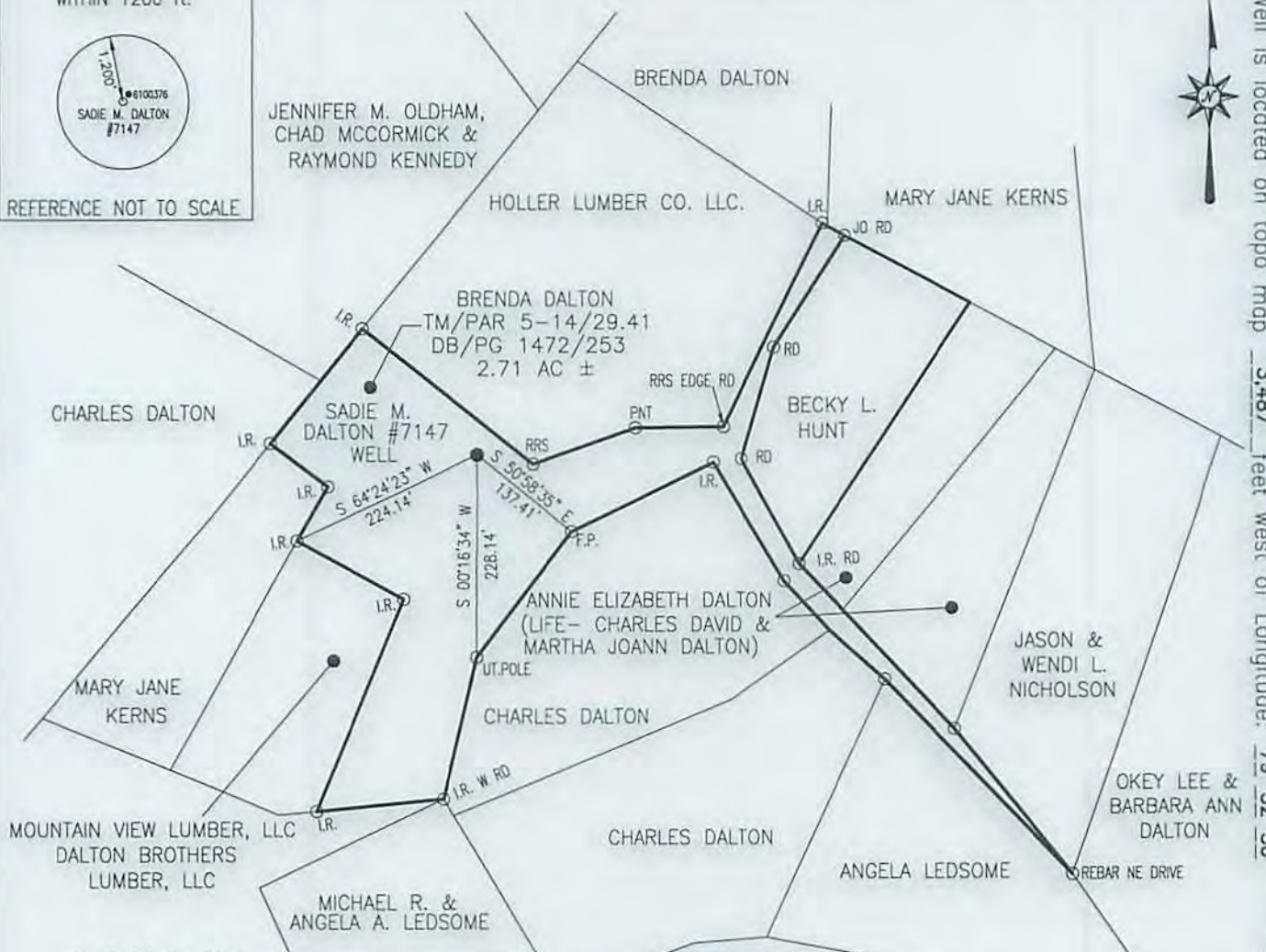
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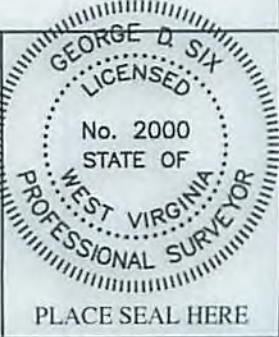
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 Signed: *George D. Six*  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000



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