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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 15, 2015

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10300747, issued to LEATHERWOOD, INC., 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: 1225

Farm Name: DAUGHERTY, M.A., ET AL

**API Well Number: 47-10300747**

**Permit Type: Plugging**

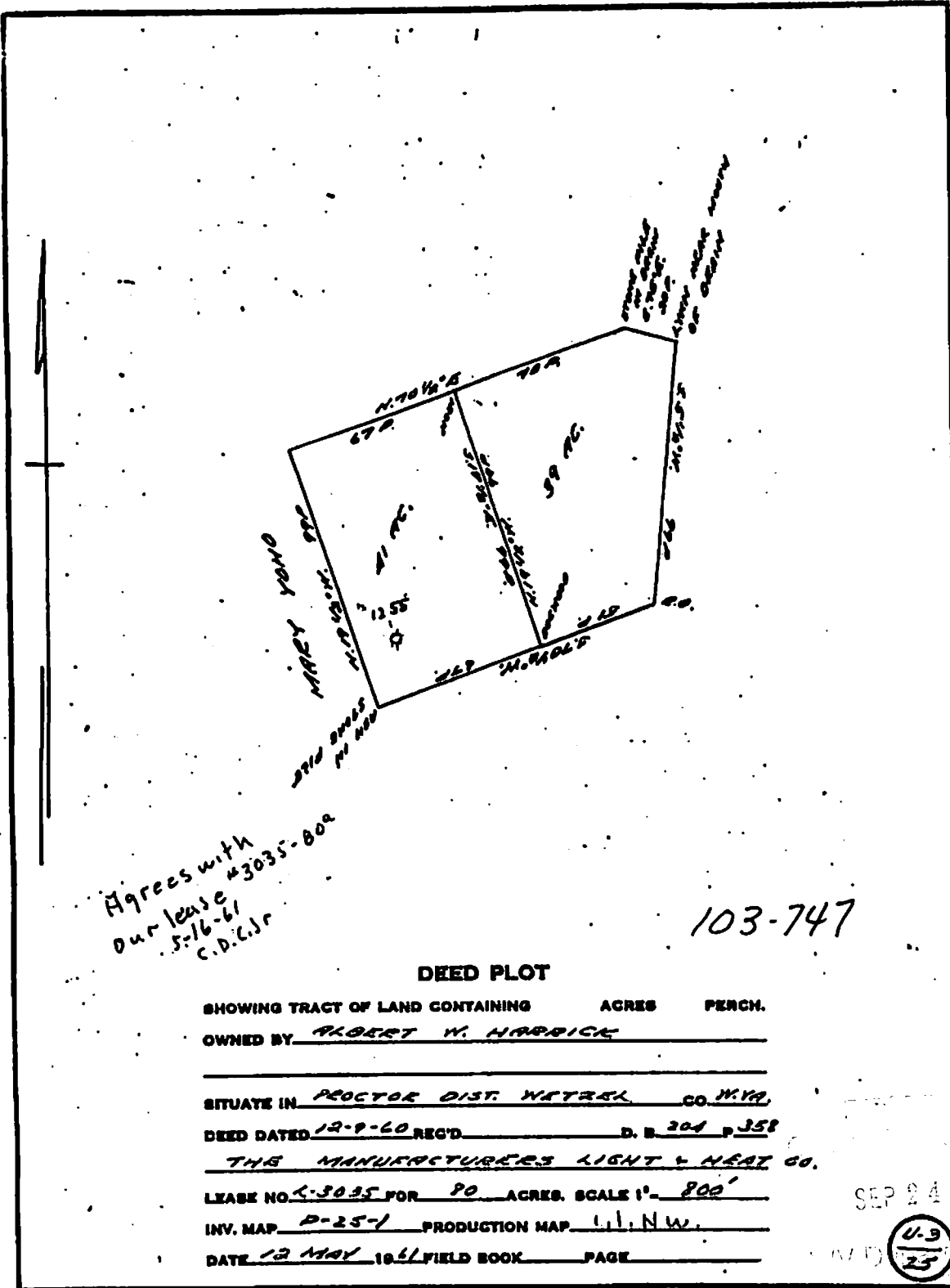
Date Issued: 10/15/2015

**Promoting a healthy environment.**

**10/16/2015**

601255

WELL NO.	ELEVATION	LOCATION	COMPLETION	PROD.	ABANDONED



Agrees with  
our lease #3035-809  
5-16-61  
C.D.C.J.R

103-747

DEED PLOT

SHOWING TRACT OF LAND CONTAINING \_\_\_\_\_ ACRES PERCH.  
OWNED BY ROBERT W. HARRICK

SITUATE IN PROCTOR DIST. WETSEL CO. W. VA.

DEED DATED 12-9-60 REC'D \_\_\_\_\_ D. B. 204 P. 358

THE MANUFACTURERS LIGHT & HEAT CO.

LEASE NO. 4-3035 FOR 80 ACRES. SCALE 1" = 800'

INV. MAP D-25-1 PRODUCTION MAP L.I. N.W.

DATE 12 MAY 1961 FIELD BOOK \_\_\_\_\_ PAGE \_\_\_\_\_

SEP 24 1960



Division Tri-State Gas

Company

10300747 P  
103-747

Record of well No. 1-1255

on James Henry

Farm

Acres

Field Proctor

District Wetzel

County W. Va.

State

Rig Commenced

19

Completed

19

Drilling Commenced

19

Completed Pr. 13, 1901

19

Contractor

Address

Driller' Name

CASING AND TUBING RECORD

Conductor	13"	10"	8 1/2"	7"	6 1/2"	5 1/2"	4"	3"
Used in Drilg.		1286			2185			
Left in well		1286			2185			

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		

VOLUME AND PRESSURE

Date	Reading in inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN.					24 Hour R. P.	Max. R. P.	Hours	
						1	5	10	15	20				

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Native Coal	470	475		Purchased from S.P.O. Co.       Gas
Mapletown Coal	840	842		
Pittsburgh Coal	920	925		
Salt Sand	1720	1770		
Big Lime	2040	2080		
Big Injun	2080	2300		
Stray	2905	2916		
Gordon	2930			
Total Depth		2940		

RECEIVED  
Office of Oil and Gas  
SEP 24 2015  
WV Department of  
Environmental Protection

Examined above information and measurements and found to be correct by

Examined and Approved by

Contractor

Field Superintendent

10/16/2015

NOTE--The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well, and accompany, when presented for payment of the bill for drilling. All formations and known sands must be given by their proper name, with steel line measurements, and under the head of "Remarks" must be recorded in what sand and at what depth Oil, Gas or water was found, the quantity of same, the quality of the sand, and thickness of gas.

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Daugherty #1225

3) API Well No.: 47 - 103 - 00747

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

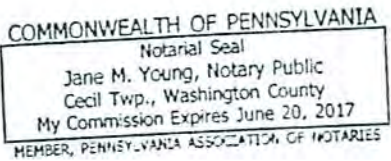
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Terry M. Kirkland</u>	Name _____
Address <u>RR 1 Box 143A</u>	Address _____
<u>Proctor, WV 26055</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See attached.</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Derek Haught</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 85</u>	Name <u>n/a</u>
<u>Smithville, WV 26178</u>	Address _____
Telephone <u>304-206-7613</u>	_____

**TO THE PERSONS NAMED ABOVE:** 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 reverses 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 this 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 registered 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 Leatherwood, Inc.  
 By: Gerald Ramsburg  
 Its: General Manager  
 Address 1000 Consol Energy Drive  
Canonsburg, PA 15317  
 Telephone 1-724-485-4081

Subscribed and sworn before me this 14 day of SEPTEMBER 2015  
Jane M. Young Notary Public

My Commission Expires SEP 24 2015

**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 the 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 Privacy Officer at [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

10/16/2015

WW-4A Attachment

Daugherty #1225 API# 47-103-00747

Coal Owner(s) with Declaration:

- CNX RCPC LLC  
 1000 Consol Energy Drive  
 Canonsburg, PA 15317

Pittsburgh Seam – 1/1
- Robert W. Baxter  
 c/o Ann Linger  
 107 Smitherman Rd.  
 Washington, WV 26181

All Coal Seams (except Pittsburgh) – 1/3
- Frederick J. Baxter  
 c/o Ann Linger  
 107 Smitherman Rd.  
 Washington, WV 26181

All Coal Seams (except Pittsburgh) – 1/3
- Ann Linger  
 107 Smitherman Rd.  
 Washington, WV 26181

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 Dept of Oil and Gas  
 SEP 24 2015  
 WV Department of  
 Environmental Protection

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Leatherwood, Inc. OP Code 494476721

Watershed (HUC 10) Fish Creek Quadrangle Wileyville

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: n/a

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. n/a

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

-Landfill or offsite name/permit number? \_\_\_\_\_

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.

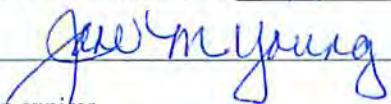
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 

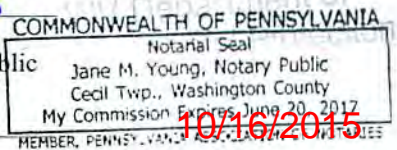
Company Official (Typed Name) Gerald Ramsburg

Company Official Title General Manager - Leatherwood, Inc.

Subscribed and sworn before me this 14 day of SEPTEMBER, 2015

 Notary Public

My commission expires \_\_\_\_\_



Leatherwood, Inc.

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	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	Landino Clover	5

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: [Signature]

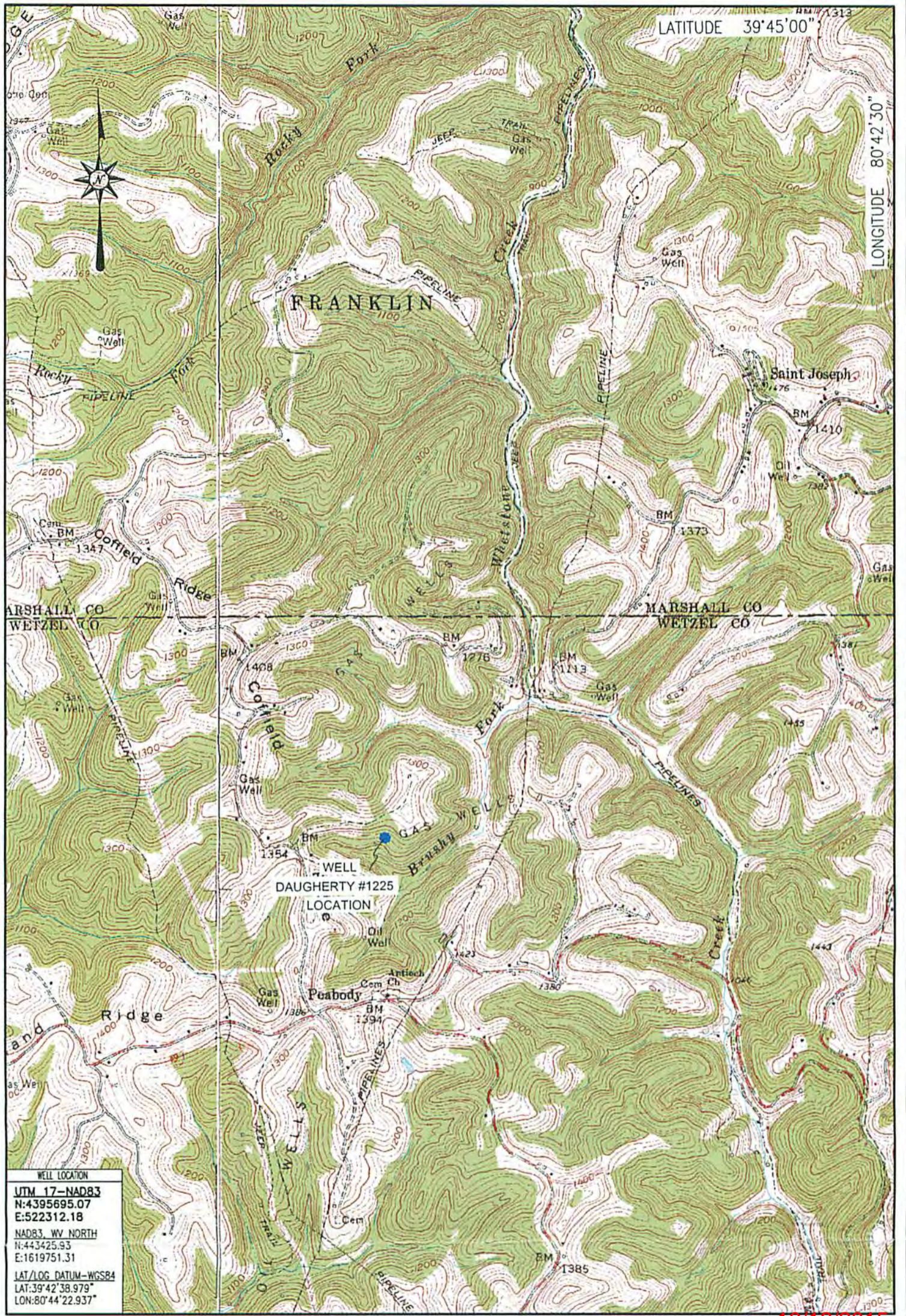
Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Title: Oil & Gas Inspector

Date: 9-18-15

Field Reviewed?  Yes  No

SEP 24 2015



LATITUDE 39°45'00"

LONGITUDE 80°42'30"

WELL LOCATION  
 UTM 17-NAD83  
 N:4395695.07  
 E:522312.18  
 NAD83, WV NORTH  
 N:443425.93  
 E:1619751.31  
 LAT/LOG DATUM-WGS84  
 LAT:39°42'38.979"  
 LON:80°44'22.937"

10/16/2015

LOCATION MAP  
SEPTEMBER 14, 2015

Dmh  
9-18-15

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

DAUGHERTY #1225  
 WILEYVILLE QUADRANGLE  
 WEST VIRGINIA

SCALE 1" = 2000'  
 0' 2000' 4000' 6000'



**BLUE MOUNTAIN ENGINEERING**

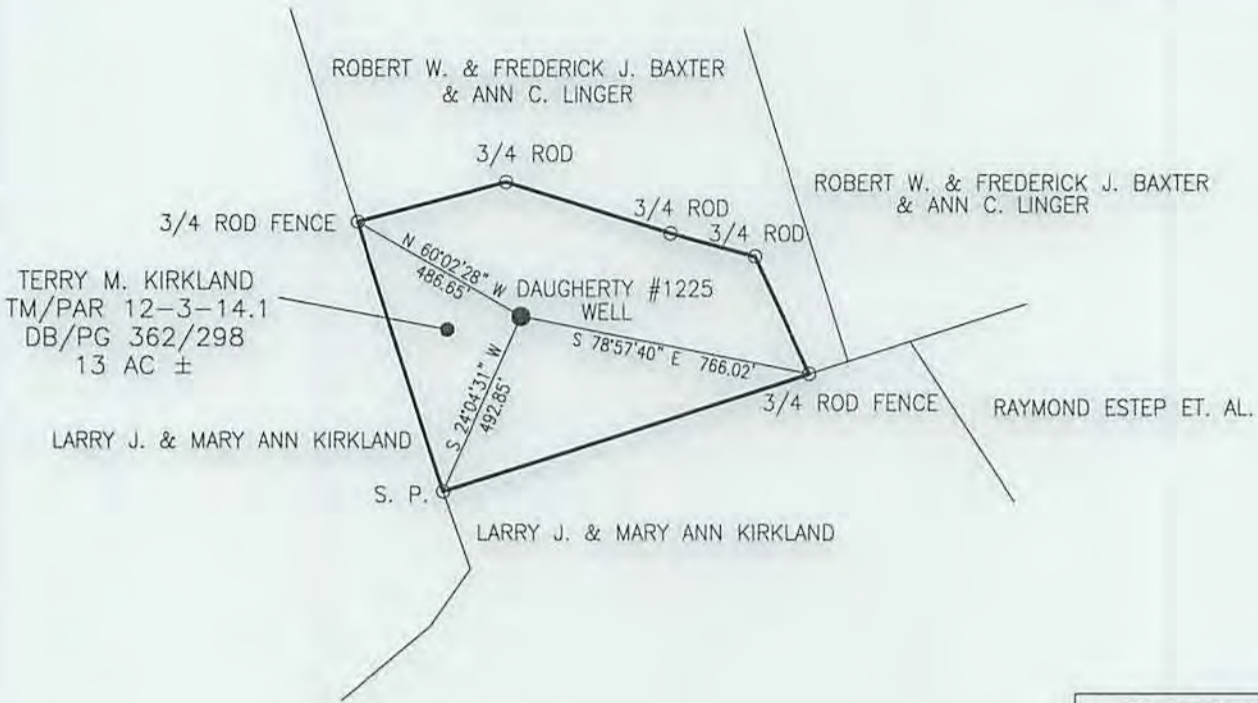


Well is located on topo map 14,269 feet south of Latitude: 39° 45' 00"

Well is located on topo map 8,825 feet west of Longitude: 80° 42' 30"



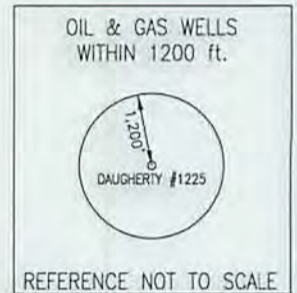
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LOX:80°44'22.937"	



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**NOTE:**

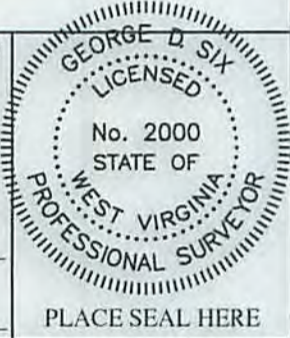
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FILE #: DAUGHERTY #1225  
 DRAWING #: DAUGHERTY #1225  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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



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



DATE: SEPTEMBER 14, 2015  
 OPERATOR'S WELL #: DAUGHERTY #1225  
 API WELL #: 47 103 00747 P  
 STATE COUNTY PERMIT

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

WATERSHED: FISH CREEK ELEVATION: 1241.97'  
 COUNTY/DISTRICT: WETZEL / PROCTOR QUADRANGLE: WILEYVILLE, WV 7.5'

SURFACE OWNER: TERRY M. KIRKLAND ACREAGE: 13±  
 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: GORDON ESTIMATED DEPTH: 2,940'±

WELL OPERATOR LEATHERWOOD, INC. DESIGNATED AGENT SETH WILSON  
 Address 1000 CONSOL ENERGY DRIVE Address 7000 HAMPTON CENTER, SUITE K  
 City CANONSBURG State PA Zip Code 15317 City MORGANTOWN State WV Zip Code 26505

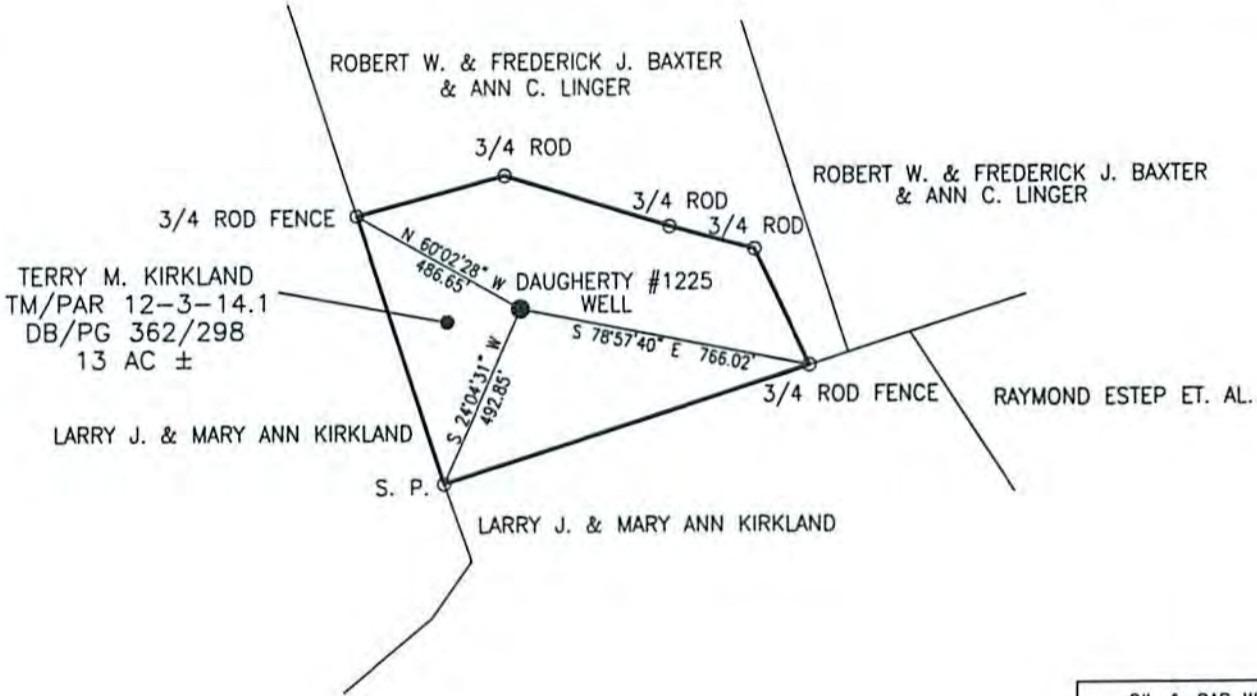
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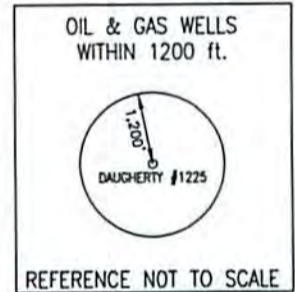
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Signed: [Signature]  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000

**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  
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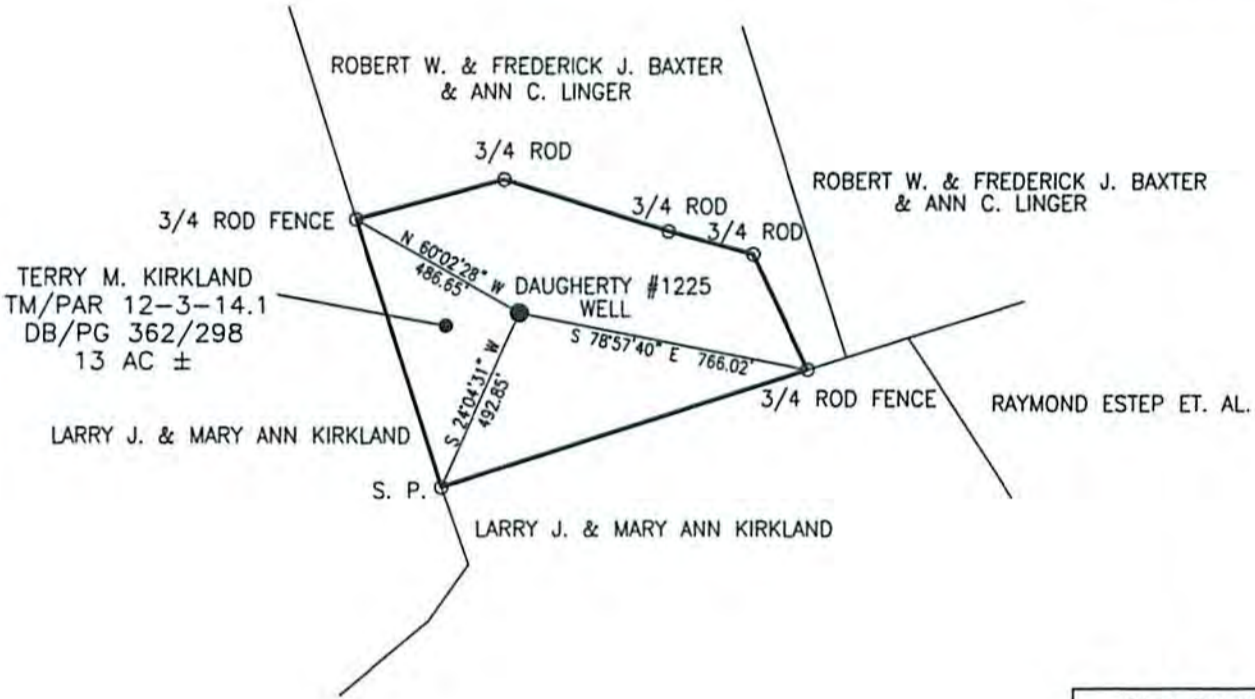
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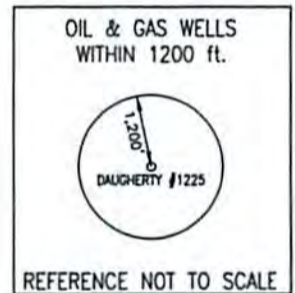
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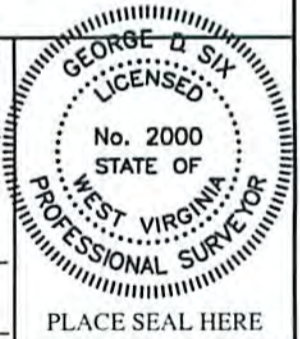
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