



Well No. Painter #1  
Farm D. S. Painter  
API # 47 - 087 - 3474  
Date October 22, 1981

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_ / Gas X /  
(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /

LOCATION: Elevation: 905' Watershed: Big Lick Run  
District: Walton County: Roane Quadrangle: Walton 7.5

WELL OPERATOR Allegheny & Western Drilling  
Address P.O. Box 2587  
Charleston, WV 25329

DESIGNATED AGENT Roland C. Baer, Jr.  
Address P.O. Box 2587  
Charleston, WV 25329

OIL AND GAS  
ROYALTY OWNER D. S. Painter et al  
Address Star Route 2 Box 15  
Walton, WV  
Acreage 102

COAL OPERATOR NONE  
Address \_\_\_\_\_

SURFACE OWNER D. S. Painter  
Address Star Route 2 Box 15  
Walton, WV  
Acreage 102

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME NONE  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
NAME N/A  
Address \_\_\_\_\_

NAME \_\_\_\_\_  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Richard J. Morris  
Address P.O. Box 372  
Grantsville, WV 26147  
Telephone 304-354-7259

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME NONE  
Address \_\_\_\_\_

**RECEIVED**

OCT 23 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease \_\_\_ / other contract X / dated August 1, 1981, to the undersigned well operator from Alan F. Hess.

(If said deed, lease, or other contract has been recorded:)

Recorded on August 21, 1981, in the office of the Clerk of County Commission of Roane County, West Virginia, in 159 Book at page 371. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate X / Plug off old formation \_\_\_ / Perforate new formation \_\_\_ / Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

09/15/2023

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

Allegheny & Western Drilling  
Well Operator

By: [Signature]  
Executive Vice President

**BLANKET BOND**



(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Not Known

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Marcellus  
Devonian Shale

Estimated depth of completed well 5300 feet. Rotary X / Cable tools     /  
Approximate water strata depths: Fresh, 200 feet; salt, 2000 feet.  
Approximate coal seam depths: N/A  
Is coal being mined in this area: Yes     / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKER'S
	Size	Grade	Weight per ft	New	Used	For Drill- ling	Left in Well		
Conductor	13 3/8	SMLS	42#	X			60	20 SKS	Kinds
Fresh water	9 5/8	SMLS	32#	X			300	100 SKS <u>CT</u>	
Coal									Sizes
Intermed.	7	SMLS	23#	X			2,500	125 SKS	
Production	4 1/2	SMLS	10.5#	X			5,300	500 SKS or	Depths set
Tubing								as req'd by	rule 15.01
Liners									Perforations:
									Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 6-27-82.

Fred Rendell  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator     / owner     / lessee     / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: \_\_\_\_\_, 19   .

By: \_\_\_\_\_

Its: \_\_\_\_\_

09/15/2023



Date JULY 2 1981  
 Well No. D. PAINTER # 1  
 API No. 47 - 087 - 3474  
 State County Permit

STATE OF WEST VIRGINIA  
 OFFICE OF OIL AND GAS

Company Name ALLEGHENY & WESTERN Designated Agent ROLAND BAER  
 Address P.O. BOX 2587, CHAK, W.V. Address SAME  
 Telephone 354-4327 Telephone SAME  
 Landowner D. S. PAINTER Soil Cons. District LITTLE KANAWHA

Revegetation to be carried out by ALLEGHENY & WESTERN (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan. 7-6-81 Janet Newton  
 (Date) (S.C.D. Agent)

Access Road	Location
Structure <u>CULVERTS</u> (A)	Structure _____ (1)
Spacing <u>MIN. SIZE 12"</u>	Material _____
Page Ref. Manual <u>2-5</u>	Page Ref. Manual _____
Structure <u>RIPRAP</u> (B)	Structure _____ (2)
Spacing <u>ROCK</u>	Material _____
Page Ref. Manual <u>N-A</u>	Page Ref. Manual _____
Structure <u>Drainage Ditch</u> (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual <u>1/11</u>	Page Ref. Manual _____

**RECEIVED**

All structures should be inspected regularly and repaired if necessary. OCT 23 1981

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

Revegetation



Treatment Area I

Treatment Area II

Treatment Area I		Treatment Area II	
Lime _____ Tons/acre	or correct to pH <u>6.5</u>	Lime _____ Tons/Acre	or correct to pH <u>6.5</u>
Fertilizer <u>400-600</u> lbs/acre	(10-20-20 or equivalent)	Fertilizer <u>400-600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>HYDROSEEDER</u> Tons/Acre		Mulch <u>HYDROSEEDER</u> Tons/Acre	
Seed* <u>KY 31</u> 40 lbs/acre		Seed* <u>KY 31</u> 40 lbs/acre	
<u>Ladino Clover</u> 5 lbs/acre		<u>Ladino Clover</u> 5 lbs/acre	

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle WALTON 7.5.

Legend:  Well Site  
 Access Road



09/15/2023





State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

DATE December 1, 1981

Richard J. Morris  
P. O. Box 372  
Grantsville, W. Va. 26147

PERMIT NO: 47-087-3474  
COMPANY Allegheny & Western Drilling  
FARM: D. S. Painter  
WELL NO: Painters #1  
Walton  
DISTRICT: \_\_\_\_\_  
COUNTY Roane

Dear Sir:

Please make a FINAL INSPECTION within (30) days of the well described above, \_\_\_\_\_  
or submit a STATUS REPORT - saying why this well cannot be released at this  
time.

Very Truly yours,

*Sarah Sheer*  
Sarah Sheer

09/15/2023



DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

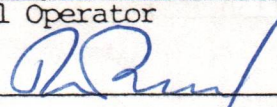
Shot 5¼ Judymite (open hole) 2150 feet

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Hard Sand & Shale			-0-	98	
Shale & Red Rock			98	840	
Sand & Shale			840	1480	
Salt Sand			1480	2250	
Big Lime			2250	2342	
Shale			2342	2590	
Coffee Shale			2590	2610	
Brown Shale			2610	5125	
Marcellus Shale			5125	5403	TD

(Attach separate sheets as necessary)

Allegheny & Western Drilling Corporation  
Well Operator

By:   
Date: November 25, 1981

09/15/2023

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."





IV-35  
(Rev 8-81)

Date November 23, 1981  
Operator's  
Well No. Painter # 1  
Farm D. S. Painter  
API No. 47 - 087 - 3474

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas x / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production x / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow x /)

LOCATION: Elevation: 905' Watershed Big Lick Run  
District: Walton County Roane Quadrangle Walton 7.5

COMPANY Allegheny & Western Drilling  
ADDRESS P.O. Box 2587, Chas., WV 25329  
DESIGNATED AGENT Roland C. Baer, Jr.  
ADDRESS P.O. Box 2587, Chas., WV 25329  
SURFACE OWNER D. S. Painter  
ADDRESS Star Route 2, Box 15, Walton, WV  
MINERAL RIGHTS OWNER D.S. Painter et al  
ADDRESS Star Route 2, Box 15, Walton, WV  
OIL AND GAS INSPECTOR FOR THIS WORK Richard J. Morris  
P.O. Box 372 Grantsville, WV 26147  
PERMIT ISSUED October 23, 1981  
DRILLING COMMENCED October 31, 1981  
DRILLING COMPLETED November 7, 1981  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8	259'	259'	150 cf
8 5/8			
7	2352	2352'	175 cf
5 1/2			
4 1/2			
3			
2 3/8	2100'	2100'	tubing with packer
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale(Brown-Marcellus) Depth 2620 - 5400 feet  
Depth of completed well 5403 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 80 feet; Salt 2000 feet  
Coal seam depths: N/A Is coal being mined in the area? \_\_\_\_\_

OPEN FLOW DATA

Producing formation Devonian Shale/Brown/Marcellus Pay zone depth 3250 - 5400 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 200 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure 1150 psig(surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth 09/15/2023 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig(surface measurement) after \_\_\_\_\_ hours shut in

(Continue on reverse side)



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

INSPECTOR'S WELL REPORT

Permit No. 087-3474

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Allegheny Western  
 Address \_\_\_\_\_  
 Farm Painter  
 Well No. #1  
 District Walton County Roane  
 Drilling commenced 31 Oct 81  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10 <u>9 5/8"</u>	<u>254'</u>	<u>254'</u>	Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 9 5/8" SIZE 254' No. FT. 31 Oct 81 Date  
 NAME OF SERVICE COMPANY Will Service 1503K  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

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NOV - 4 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

31 Oct 81  
DATE

[Signature]  
307

09/15/2023  
DISTRICT WELL INSPECTOR







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES *Emergency*  
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

Permit No. 087-3474

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Allegheny & Western  
 Address Charleston, W.V.A.  
 Farm D.S. Painter  
 Well No. Painter #1  
 District Halton County Boone  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
9-25-85 - Inspected reclamation, O.K. to release

9-25-85  
DATE

*Homer H. Dougherty*  
09/15/2023  
DISTRICT WELL INSPECTOR









STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 1615 Washington Street, East  
 Charleston, West Virginia 25311  
 Telephone: 348-3500

ARCH A. MOORE, JR.  
 Governor

October 9, 1985

Allegheny And WesternDrilling Corporation  
 Post Office Box 2587  
 Charleston, West virginia 25329

In Re: Permit No: 47-087-3474  
 Farm: D. S. Painter  
 Well NO: One  
 District: Walton  
 County: Roane  
 Issued: 10-23-81

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

The well designated by the above captioned permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under XXXX bond coverage for life of the well.

PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/ nw

09/15/2023



FERC-121

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p><u>47-087-3474</u></p>				
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p><u>103</u> Section of NGPA</p>		<p>Category Code</p>		
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p><u>5403</u> feet</p>				
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p><u>Allegheny &amp; Western Energy Corporation</u> Name</p>		<p><u>N/A</u> Seller Code</p>		
	<p><u>P.O. Box 2587</u></p>				
	<p>Street</p>				
	<p><u>Charleston</u> City</p>		<p><u>WV</u> <u>25329</u> State Zip Code</p>		
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p>	<p><u>Walton District</u> Field Name</p>				
	<p><u>Roane</u> County</p>		<p><u>WV</u> State</p>		
<p>(b) For OCS wells:</p>	<p><u>N/A</u> Area Name</p>				
	<p>Block Number</p>				
	<p>Date of Lease:</p>				
	<p><u>    </u> <u>    </u> <u>    </u> Mo. Day Yr.</p>		<p>OCS Lease Number</p>		
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>D. S. Painter #1</u></p>				
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p><u>N/A</u></p>				
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p><u>Columbia Gas Transmission Corporation</u> Name</p>		<p><u>04030</u> Buyer Code</p>		
<p>(b) Date of the contract:</p>	<p><u>    </u> <u>    </u> <u>    </u> Mo. Day Yr.</p>				
<p>(c) Estimated annual production:</p>	<p>MMcf.</p>				
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>		<u>2.533</u>	<u>0.380</u>	<u>0.000</u>	<u>2.913</u>
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>		<u>2.533</u>	<u>0.380</u>	<u>0.000</u>	<u>2.913</u>
<p>9.0 Person responsible for this application:</p>	<p><u>Roland C. Baer, Jr.</u> Name</p>				
<p>Agency Use Only</p> <p>Date Received by Juris. Agency</p> <p style="font-size: 24pt; font-weight: bold;">NOV 24 1981</p> <p>Date Received by FERC</p>	<p><u>Exec. VP</u> Title</p>				
	<p><u>November 25, 1981</u> Date Application is Completed</p>		<p><u>(304) 343-4327</u> Phone Number</p>		
	<p>Signature</p>				



Memorandum for the Director

10 - 10 - 1982

NOV 24 1982

09/15/2023



MAR 19 1982

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR:

Allegany + Western Energy Corp.

NA

FIRST PURCHASER:

Columbia Gas Trans. Corp.

004030

OTHER:

W. Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
 811124 <sup>103</sup> ~~107~~ - 087 = 3474  
 Use Above File Number on all Communications  
 Relating to Determination of this Well

CK map 1500'

~~Required for SP calculation~~  
Qualifics J. H. Hursey

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent Roland C. Baer, Jr.
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening
- 6. IV-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete?  Affidavit Signed
- 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
 Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
- (5) Date commenced: 10-31-81 Date completed 11-7-81 Deepened
- (5) Production Depth: 3250-5400
- (5) Production Formation: Devonian Shale
- (5) Final Open Flow: 200 MCF
- (5) After Frac. R. P. 1150# 24 hrs.
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Report \_\_\_\_\_
- (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed?  Notarized?
- Does official well record with the Department confirm the submitted information? yes 09/15/2023
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_



Date November 25, 19 81

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

Operator's  
Well No. D. S. Painter #1  
API Well  
No. 47 - 087 - 3474  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

DESIGNATED AGENT Roland C. Baer, Jr.  
ADDRESS P.O. Box 2587  
Charleston, WV 25329

WELL OPERATOR Allegheny & Western Energy  
ADDRESS P.O. Box 2587  
Charleston, WV25329

LOCATION: Elevation 905'  
Watershed Big Lick Run  
Dist. Walton County Roane Quad. Walton 7.5

GAS PURCHASER Columbia Gas Transmission  
ADDRESS P.O. Box 1273  
Charleston, WV25324

Gas Purchase  
Contract No. N/A  
Meter Chart Code N/A  
Date of Contract N/A

\* \* \* \* \*

Date surface drilling was begun: October 30, 1981

Indicate the bottom hole pressure of the well and explain how this was calculated:

Bottom Hole Pressure: 1283 psia

Calculation of Subsurface Pressure Using Average  
Compressibility Factors for Static Column Case

AFFIDAVIT

I, Roland C. Baer, Jr., having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Roland C. Baer, Jr.

T

STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

I, Debra R. Rollyson, a Notary Public in and for the state and county aforesaid, do certify that Roland C. Baer, Jr. whose name is signed to the writing above, bearing date the 25th day of November, 19 81, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25th day of November, 19 81

My term of office expires on the 26th day of February, 1990.

[NOTARIAL SEAL]

Debra R. Rollyson  
Notary Public

09/15/2023



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

Date November 25, 1981

Operator's Well No. D. S. Painter #1

API Well No. 47 - 087 - 3474  
State County Permit

Previous File No. \_\_\_\_\_  
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Allegheny & Western Energy Corp DESIGNATED AGENT Roland C. Baer, Jr.  
ADDRESS P.O. Box 2587 ADDRESS P.O. Box 2587  
Charleston, WV 25329 Charleston, WV 25329

Gas Purchase Contract No. N/A and Date N/A  
Meter Chart Code N/A (Month, day and year)

Name of First Purchaser Columbia Gas Transmission Corporation  
P.O. Box 1273  
Charleston, WV 25325  
(City) (State) (Zip Code)

FERC Seller Code N/A FERC Buyer Code 04030

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA 1 Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Roland C. Baer, Jr. Exec. VP  
Name (Print) Title  
[Signature]  
Signature  
P.O. Box 2587  
Street or P. O. Box  
Charleston, WV 25329  
City State (Zip Code)  
804 343-4327  
Area Phone Number  
Code

(Certificate of Proof of Service to Purchaser)

SEE ATTACHED

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request,  for certification of the above described well as meeting the requirements of Section \_\_\_\_\_ under the Natural Gas Policy Act of 1978. (NGPA);  for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA);  or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. \_\_\_\_\_

Initial review of information submitted indicates the well  is,  is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES







NOV 24 1981  
Date received by  
Jurisdictional Agency







[Signature]  
By  
Title \_\_\_\_\_

09/15/2023

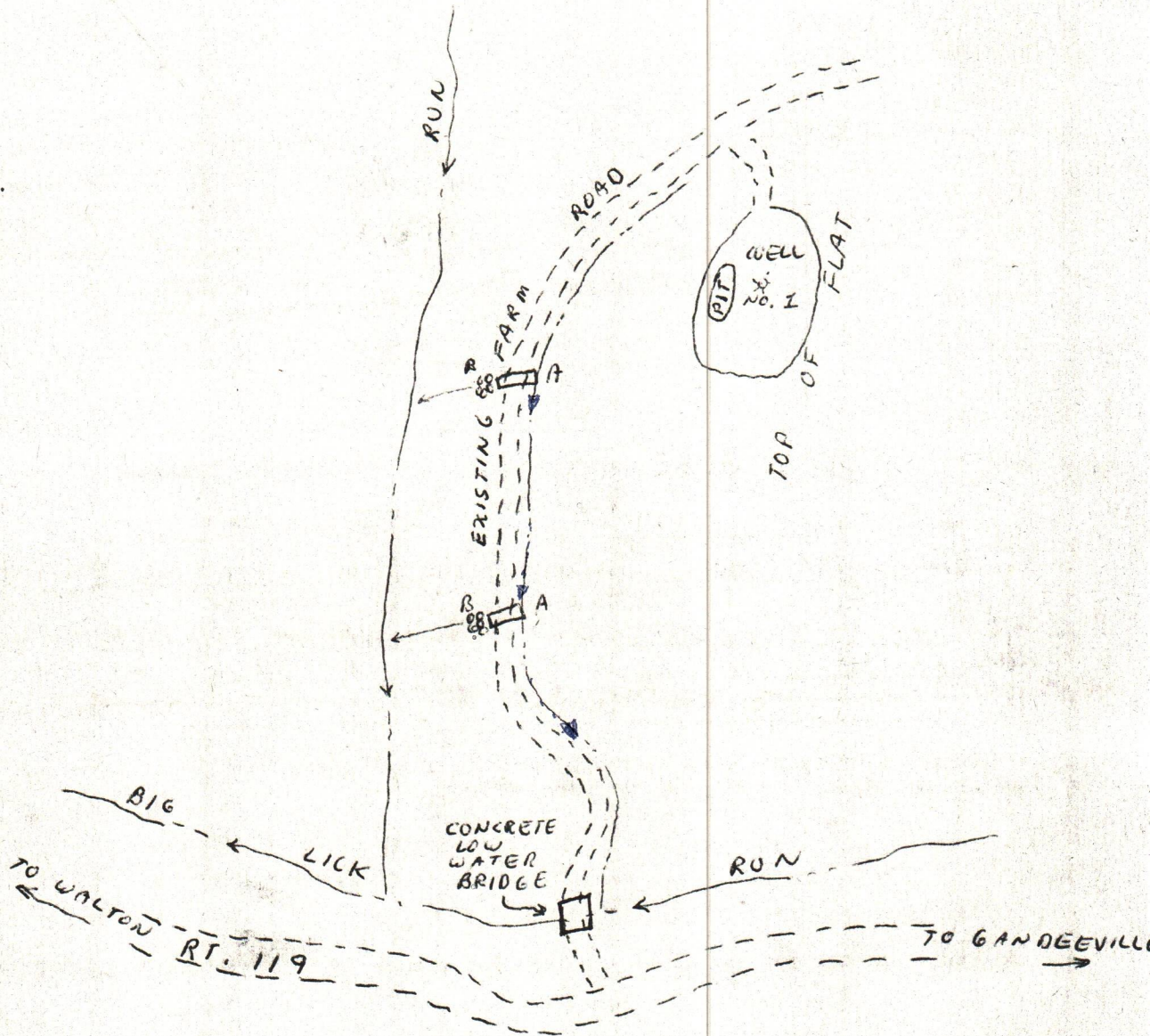


Well Site Plan

Legend: Property Boundry   
 Road   
 Existing Fence   
 Planned Fence   
 Stream   
 Open Ditch 

Diversion   
 Spring   
 Wet Spot   
 Building   
 Drain Pipe   
 Waterway 

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



Comments: ROAD TO BE MAINTAINED AFTER DRILLING IS COMPLETED.

No timber on access road or location.

Signature: \_\_\_\_\_

Agent \_\_\_\_\_ Address \_\_\_\_\_ Phone Number \_\_\_\_\_

09/15/2023

Please request landowners cooperation to protect new seeding for one growing season.





State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

DATE December 1, 1981

Richard J. Morris  
P. O. Box 372  
Grantsville, W. Va. 26147

PERMIT NO: 47-087-3474  
COMPANY Allegheny & Western Drilling  
FARM: D. S. Painter  
WELL NO: Painters #1  
Walton  
DISTRICT:  
COUNTY Roane

Dear Sir:

Please make a FINAL INSPECTION within (30) days of the well described above, or submit a STATUS REPORT - saying why this well cannot be released at this time.

Very Truly yours,

*Sarah Sheer*  
Sarah Sheer

(Attach separate sheets as necessary)

Allegheny & Western Drilling Corporation  
Well Operator

By: *[Signature]*  
Date: November 25, 1981

09/15/2023

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including those encountered in the drilling of a well."



*[Handwritten signature]*

NOV 24 1981  
09/15/2023







MAR 19 1982

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR:

Allegheny + Western Energy Corp.

NA

FIRST PURCHASER:

Columbia Gas Trans. Corp.

004030

OTHER:

~~Deferred for B.R. calculation and Gamma Ray log~~  
Qualifies J. H. Murray

W. Va. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER

811124-107-087-3474

Use Above File Number on all Communications  
Relating to Determination of this Well

0.32

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121  Items not completed - Line No. \_\_\_\_\_
- 2. IV-1 Agent Roland C. Baer, Jr.
- 3. IV-2 Well Permit \_\_\_\_\_
- 4. IV-6 Well Plat
- 5. IV-35 Well Record  Drilling  Deepening \_\_\_\_\_
- 6. IV-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Was Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_
- 7. IV-39 Annual Production \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_
- 9. IV-48 Application for certification. Complete?
- 10-17. IV Form 51 - 52 - 53 - 54 - (55) - 56 - 57 - 58 Complete?  Affidavit Signed
- 18-28. Other: Survey \_\_\_\_\_ Logs \_\_\_\_\_ Geological Charts \_\_\_\_\_  
Structure Map \_\_\_\_\_ 1: 4000 Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
Gas Analyses \_\_\_\_\_
- (5) Date commenced: 10-31-81 Date completed 11-7-81 Deepened \_\_\_\_\_
- (5) Production Depth: 3250-5400
- (5) Production Formation: Devonian shale
- (5) Final Open Flow: 200 MCF
- (5) After Frac. R. P. 1150# 24 hrs.
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1-120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Rep \_\_\_\_\_
- (5) Oil Production: \_\_\_\_\_ From Completion Report \_\_\_\_\_
- 10-17. Does lease inventory indicate enhanced recovery being done NO
- 10-17. Is affidavit signed?  Notarized?  09/15/2023
- Does official well record with the Department confirm the submitted information? yes
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Was Determination Objected to \_\_\_\_\_ By Whom? \_\_\_\_\_

T



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

Date November 25 1981  
Operator's Well No D.S. Painter #1  
API Well No 47 - 087 - 3474  
State County Permit

WELL CLASSIFICATION FORM  
HIGH COST GAS WELL - DEVONIAN SHALE  
NGPA Section 107

WELL OPERATOR Allegheny & Western Energy  
ADDRESS P.O. Box 2587  
Charleston, WV 25329  
GAS PURCHASER Columbia Gas Transmission  
ADDRESS P.O. Box 1273  
Charleston, WV 25325

DESIGNATED AGENT Roland C. Baer, Jr.  
ADDRESS P.O. Box 2587  
Charleston, WV 25329  
LOCATION: Elevation 905'  
Watershed Big Lick Run  
Dist Walton County Roane Quad Walton 7.5  
Gas Purchase Contract No. N/A  
Meter Chart Code N/A  
Date of Contract N/A

\* \* \* \* \*

Date surface drilling began: October 31, 1981  
Indicate the bottom hole pressure of the well and explain how this was calculated.

Bottom Hole Pressure: 1283 psia

Calculation of Subsurface Pressure Using Average Compressibility Factors for Static Column Case

AFFIDAVIT

I, Roland C. Baer, Jr., having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

[Signature]  
T

STATE OF WEST VIRGINIA.  
COUNTY OF Kanawha, TO WIT:

I, Debra R. Rollyson, a Notary Public in and for the state and county aforesaid, do certify that Roland C. Baer, JR. whose name is signed to the writing above, bearing date the 25th day of November, 19 81, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 25th day of November, 1981.  
My term of office expires on the 26th day of February, 19 90.

[NOTARIAL SEAL]

[Signature]  
Notary Public

09/15/2023



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

Date November 25, 1981

Operator's Well No. D. S. Painter #1

API Well No. 47 - 087 - 3474  
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. \_\_\_\_\_  
(If Applicable)

WELL OPERATOR Allegheny & Western Energy Corp DESIGNATED AGENT Roland C. Baer, Jr.  
ADDRESS P.O. Box 2587 ADDRESS P.O. Box 2587  
Charleston, WV 25329 Charleston, WV 25329

Gas Purchase Contract No. N/A and Date N/A  
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P.O. Box 1273  
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(City) (State) (Zip Code)

FERC Seller Code N/A FERC Buyer Code 04030

TYPE OF DETERMINATION BEING SOUGHT:

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- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Roland C. Baer, Jr. Exec. VP  
Name (Print) Title

[Signature]  
Signature

P.O. Box 2587  
Street or P. O. Box

Charleston, WV 25329  
City State (Zip Code)

(804) 343-4327  
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

SEE ATTACHED

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(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

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WEST VIRGINIA DEPARTMENT OF MINES

NOV 24 1981

Date received by  
Jurisdictional Agency

By [Signature] Director  
Title

09/15/2023



WELL : D.S. PAINTING #1

API : 47-087-3474

SUBJECT : BOTTOM HOLE PRESSURE CALCULATION

FORMULA :  $BHP = P_i + P_i (e^x - 1)$

WHEREAS  $P_i =$  WELLHEAD PRESSURE = 1,150

$G =$  SPECIFIC GRAVITY = .600

$L =$  DEPTH = 4,325

$T =$  °F + 460° = 536

$$x = \frac{G \times L}{53.34 \times T} = \frac{2,595}{28,590} = .0908$$

CALCULATION:

$$BHP = P_i + P_i (e^x - 1)$$

$$BHP = \underline{1,150} + \underline{1,150} (e^{.0908} - 1)$$

$$BHP = \underline{1,150} + \underline{1,150} (1.0951 - 1)$$

$$BHP = \underline{1,150} + \underline{109} \text{ or } \underline{\underline{1,259}}$$

Sheet 103 Filed

09/15/2023



WELL : D.S. PAINTERS #1

API : 47-087-3474

SUBJECT : BOTTOM HOLE PRESSURE CALCULATION

FORMULA :  $BHP = P_1 + P_1 (e^x - 1)$

WHEREAS  $P_1 =$  WELLHEAD PRESSURE = 1,150

$G =$  SPECIFIC GRAVITY = .600

$L =$  DEPTH = 4,325

$T =$  °F + 460° = 536

$$x = \frac{G \times L}{53.34 \times T} = \frac{2,595}{28,590} = .0908$$

CALCULATION:

$$BHP = P_1 + P_1 (e^x - 1)$$

$$BHP = \underline{1,150} + \underline{1,150} (e^{.0908} - 1)$$

$$BHP = \underline{1,150} + \underline{1,150} (1.0951 - 1)$$

$$BHP = \underline{1,150} + \underline{109} \text{ or } \underline{\underline{1,259}}$$

SECTION 107 FLUIDS

09/15/2023



LATITUDE 38° 42' 30"  
38° 45'

I. W. SNODGRASS  
84 AC

WALTON PUBLIC SERVICE  
55 AC.

D. S. PAINTER  
217/14  
102 AC

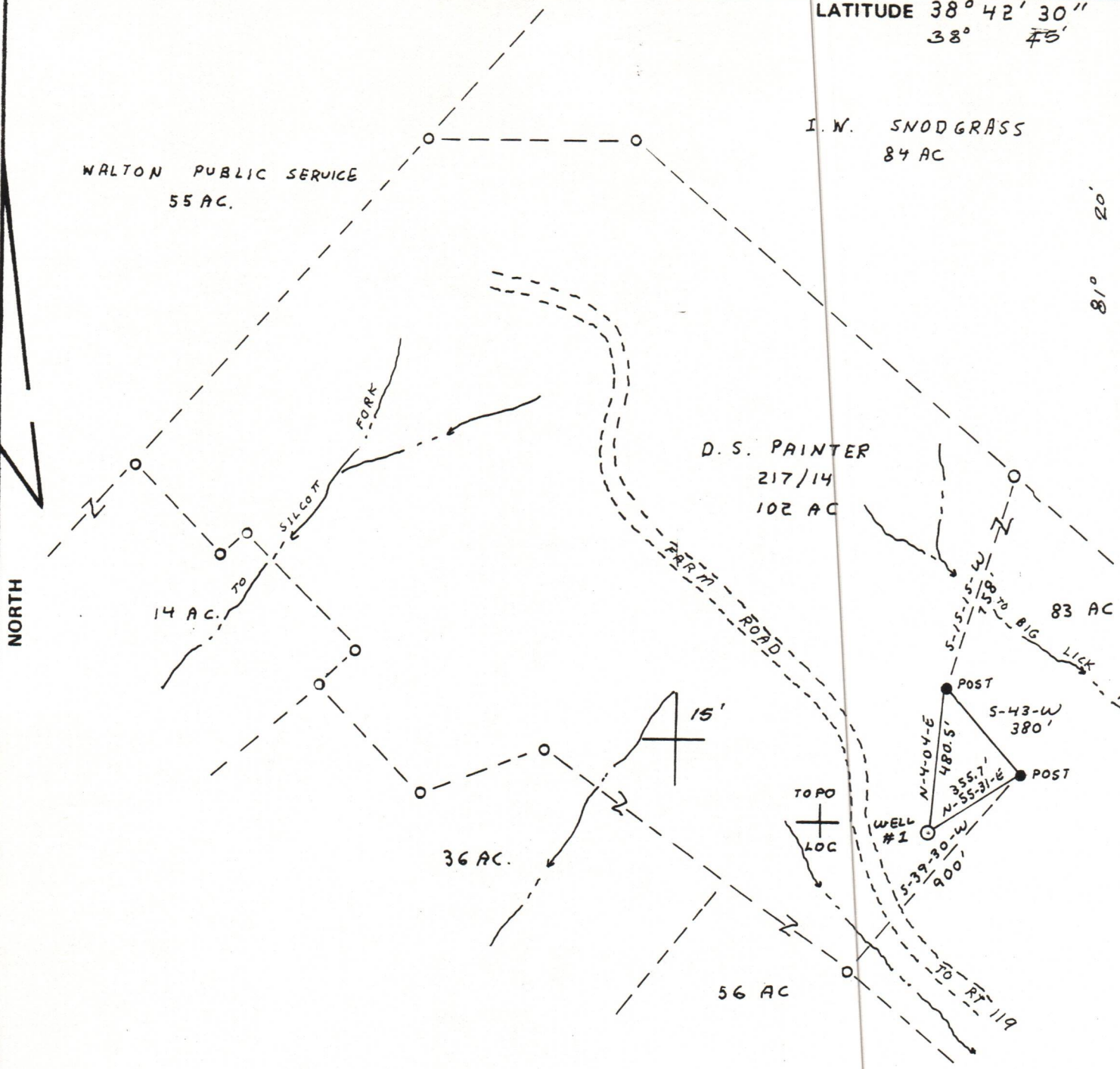
83 AC

NORTH

14 AC.

36 AC.

56 AC



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION ROAD INTER. OF SEC. 119 & RT. 119 ELV. 719

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 MINES.

(SIGNED) William J. Board  
 R.P.E. \_\_\_\_\_ L.L.S. 526

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6  
(8-78)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

DATE \_\_\_\_\_, 19\_\_\_\_  
 OPERATOR'S WELL NO. D. PAINTER #1  
 API WELL NO. \_\_\_\_\_

47 - 087 - 3474  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP X SHALLOW \_\_\_  
 LOCATION: ELEVATION 905 WATER SHED BIG LICK RUN  
 DISTRICT WALTON COUNTY ROANE  
 QUADRANGLE WALTON 7.5  
 SURFACE OWNER D. S. PAINTER ACREAGE 102  
 OIL & GAS ROYALTY OWNER D. S. PAINTER ETAL. LEASE ACREAGE 102

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ **09/15/2023**

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SLATE ESTIMATED DEPTH 5300  
 WELL OPERATOR ALLEGHENY + WESTERN DESIGNATED AGENT ROLAND BAER  
 ADDRESS P.O. BOX 2587 ADDRESS SAME  
CHARLESTON, W.V. 25326