



Date: May 7, 19 82

Operator's Well No. 144-S G. Criss No. 2

API Well No. 47 085 5653  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION  
OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1854 Watershed: North Fork Hughes River  
District: Grant County: Ritchie Quadrangle: Petroleum

WELL OPERATOR Stonewall Gas Company DESIGNATED AGENT Charles Canfield  
Address P. O. Drawer F Address P. O. Drawer F  
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Gene J. Criss, et. al.  
Address 1306 24th. Street  
Vienna, WV 26105

COAL OPERATOR N/A  
Address \_\_\_\_\_

Acreage 50

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Gene J. Criss, et. ux.  
Address 1306 24th. Street  
Vienna, WV 26105  
Acreage 50

Name Same as Oil & Gas Royalty Owner

FIELD SALE (IF MADE) TO:  
Address \_\_\_\_\_

Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
**RECEIVED**  
MAY 18 1982  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Deo Mace  
Address Rt. 1, Box 5  
Sandridge, WV 25274

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_\_\_ / lease X / other contract \_\_\_\_\_ / dated March 5, 19 77, ~~as the undersigned well operator~~ from Gene J. Criss, et. ux. to Ralph Kuhn and subsequently assigned to applicant operator.  
(If said deed, lease, or other contract has been recorded:)

Recorded on June 9, 19 77, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Oil & Gas Lease Book 123 at page 380. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate \_\_\_\_\_ /  
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 the receipt of this Application by the Department.

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 lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

04/19/2024

Stonewall Gas Company  
Well Operator  
By Charles W. Canfield  
Its Production Superintendent

**PROPOSED WORK ORDER**

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

DRILLING CONTRACTOR (IF KNOWN) Unknown  
Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Gordon Shale

Estimated depth of completed well, 4200 feet Rotary X / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, 250 feet; salt, \_\_\_\_\_ feet.

Approximate coal seam depths: N/A Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS		
	Size	Grade	Weight per ft	New	Used			For drilling	Left in well
Conductor	11 $\frac{3}{4}$				X	300	300	CTS	Kinds
Fresh Water									Sizes
Coal									
Intermediate	8 $\frac{5}{8}$	K-55		X		1600	1600	Circulate	
Production	4 $\frac{1}{2}$	K-55		X		4200	4200	As Needed 420 SKS	Depths set as req. by Rule 15.01
Tubing									
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,  
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY  
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE  
IF OPERATIONS HAVE NOT COMMENCED BY 2-3-83  
BY [Signature]

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.

**WAIVER**


The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well 04/19/2024 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 regulations.


Date: \_\_\_\_\_, 19 \_\_\_\_\_

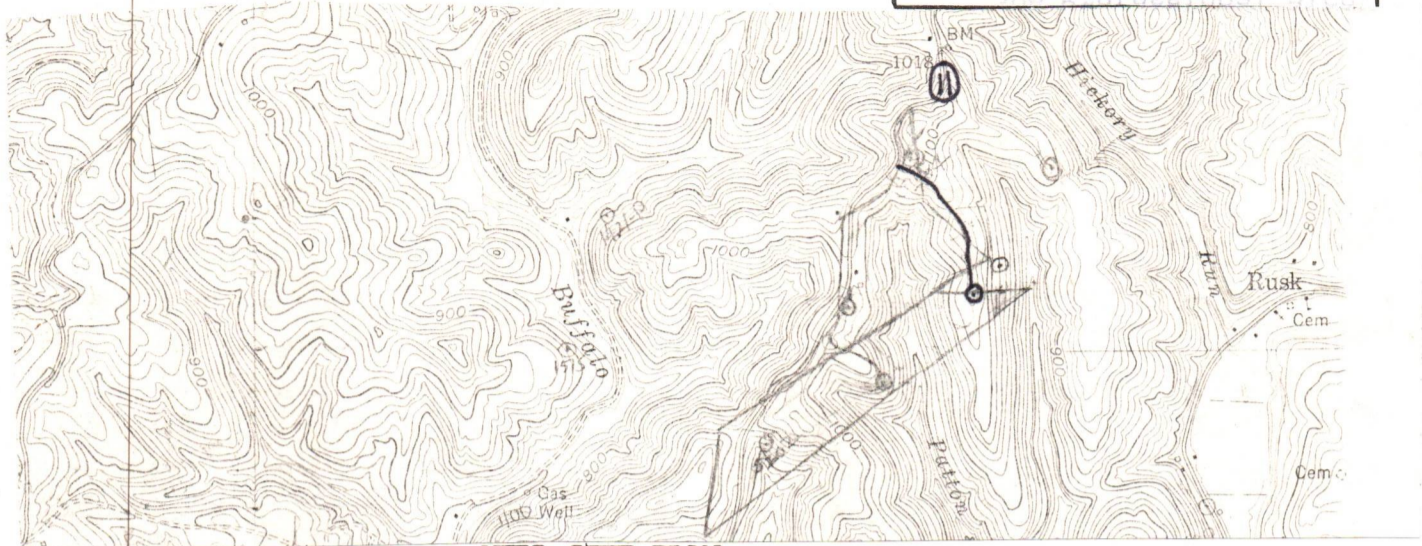
By \_\_\_\_\_  
Its \_\_\_\_\_

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Petroleum 7.5 min.

**LEGEND**

Well Site 












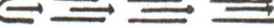
Access Road 

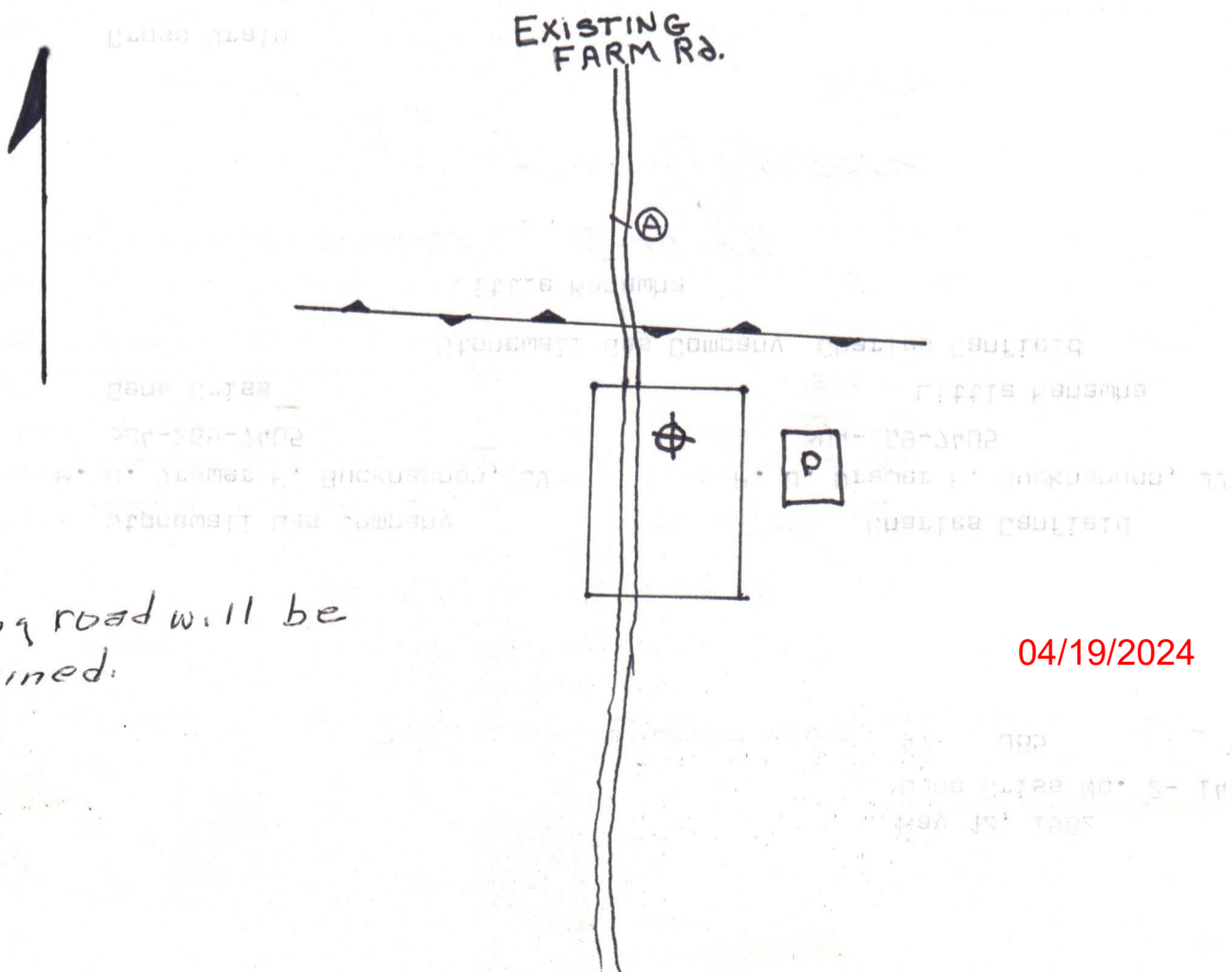


**WELL SITE PLAN**

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

**LEGEND**

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



Existing road will be maintained.

04/19/2024

DATE May 12, 1982  
 WELL NO. Gene Criss No. 2-14-5  
 API NO. 47 - 085 - 5653

State of West Virginia  
 Department of Mines  
 Oil and Gas Division



COMPANY NAME Stonewall Gas Company  
 Address P. O. Drawer F, Buckhannon, WV Telephone 304-269-7405  
 DESIGNATED AGENT Charles Canfield  
 Address P. O. Drawer F, Buckhannon, WV Telephone 304-269-7405  
 SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Stonewall Gas Company Charles Canfield (Agent)  
 This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-14-82

*Jane M. Newton*  
 (Date) \_\_\_\_\_  
 (SCD Agent)

ACCESS ROAD

LOCATION

(A) Structure Cross Drain Spacing As Required Page Ref. Manual 2-1  
 (B) Structure Spacing Page Ref. Manual  
 (C) Structure Spacing Page Ref. Manual

RECEIVED

(1) Structure Spacing Page Ref. Manual  
 (2) Structure Spacing Page Ref. Manual MAY 18 1982  
 OIL AND GAS DIVISION WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I	Treatment Area II
Time As determined by pH tests/acre or correct to pH 6.5	Time As determined by pH tests/acre or correct to pH 6.5
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre	Mulch Hay or Straw 2 Tons/acre
Seed* Ky 31 Fescue 35 lbs/acre	Seed* Ky 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre	Birdsfoot Trefoil 10 lbs/acre

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

NOTES: Please request landowner cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Davis Associates  
 ADDRESS 308 Professional Bldg. Clarksburg, Wv 26301  
 PHONE NO. 304-623-5371

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

Perf - 6-30-82 (3543 - 4019) 50 Holes .39  
 Frac - 6-30-82 Foam, 600 BBLH<sub>2</sub>O, 1.3MM Nitrogen, 120,000# 20/40 Sand  
 BRKD 2300#, AV. PSI 2500#, ISIP 700#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand	w	h	0	85	Wet at 205'
Red Shale	r	s	85	560	Dusting at 316'
Sand	w	h	560	655	Damp at 1020'
Shale	r	s	655	755	
Shale	gr	s	755	1325	
Sand	w	h	1325	1440	
Shale	gr & r	s	1440	1630	
Big Lime	gr	h	1630	1680	
Injun	w	h	1680	1775	Oil Show at 1750'
Shale	gr	s	1775	1845	
Sand	w	h	1845	1995	
Shale	gr	s	1995	2380	
Berea	br	m	2380	2390	
Devonian Shale	gr, br	s	2390	4228	
Total Depth				4228	

(Attach separate sheets as necessary)

Stonewall Gas Company  
Well Operator

By: Charles W. Casfeld 04/19/2024

Date: 08/06/82

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)

RECEIVED  
AUG 16 1982



OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date Aug. 6, 1982  
Operator's Well No. 144-S G. Criss #2  
Farm Gene Criss #2  
API No. 47 - 085 - 5653

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: 1054 Watershed North Fork Hughes River  
District: Grant County Ritchie Quadrangle Petroleum

COMPANY Stonewall Gas Company

ADDRESS P. O. Drawer F

DESIGNATED AGENT Charles Canfield

ADDRESS P. O. Drawer F, Buckhannon, WV

SURFACE OWNER Gene J. Criss, et ux

ADDRESS 1306 24th St., Vienna, WV 26105

MINERAL RIGHTS OWNER Gene J. Criss, et ux

ADDRESS 1306 24th St., Vienna, WV 26105

OIL AND GAS INSPECTOR FOR THIS WORK Deo

Mace ADDRESS Rt. 1, Box 5, Sandridge, WV

PERMIT ISSUED May 18, 1982 25274

DRILLING COMMENCED June 12, 1982

DRILLING COMPLETED June 17, 1982

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			
8 5/8		1761'	To surface
7			
5 1/2			
4 1/2		4217	425 sks
3			To surface
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4200 feet

Depth of completed well 4228 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 205 feet; Salt 1020 feet

Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth \_\_\_\_\_ feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow show Bbl/d

Final open flow 696 Mcf/d Final open flow 10 Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ hours

Static rock pressure 700 psig (surface measurement) after 48 hours shut in

(If applicable due to multiple completion--)

04/19/2024

Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ 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

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JUN 25 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-9653

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

Company Stonewall Gas

Address \_\_\_\_\_

Farm Gene Criss

Well No. 2

District Grant County Pit

Drilling commenced 6-12-82

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 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 8 5/8 SIZE 1761 No. FT. 6-14-82 Date

NAME OF SERVICE COMPANY Halib.

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names S. W. Jack, Danny Miller

Remarks: T.D. hole at 1847' set 41' conductor.

6-14-82

DATE

Del Mace

04/19/2024

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

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

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

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

04/19/2024

DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**  
 DEC 6 - 1983  
 OIL & GAS DIVISION  
 DEPT. OF MINES

Permit No. 085-5653 County Ritchie  
 Company STONEWALL GAS CO. Farm GENE CRISS 2#  
 Inspector MIKE U. Well No. 144. S. G. CRISS 2#  
 Date 11-29-83

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	<u>X</u>	_____
23.04	Reclaimed Drilling Pits	<u>X</u>	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	<u>X</u>	_____

COMMENTS: O.K. To Release.

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike Underwood  
 DATE: 11-29-83 04/19/2024



State of West Virginia  
 Department of Mines  
 Oil and Gas Division  
 Charleston 25305

WALTER N. MILLER  
 DIRECTOR

THEODORE M. STREIT  
 ADMINISTRATOR

December 27, 1983

Stonewall Gas Company  
 P. O. Drawer F  
 Buckhannon, W. Va. 26201

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5204	Frank Criss, #87-S	Grant
RIT-5215	John Harpool, #89-SH	Grant
RIT-5653	Gene J. Criss, et al, 144-S #2	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit, Administrator  
 Dept. Mines-Office of Oil & Gas

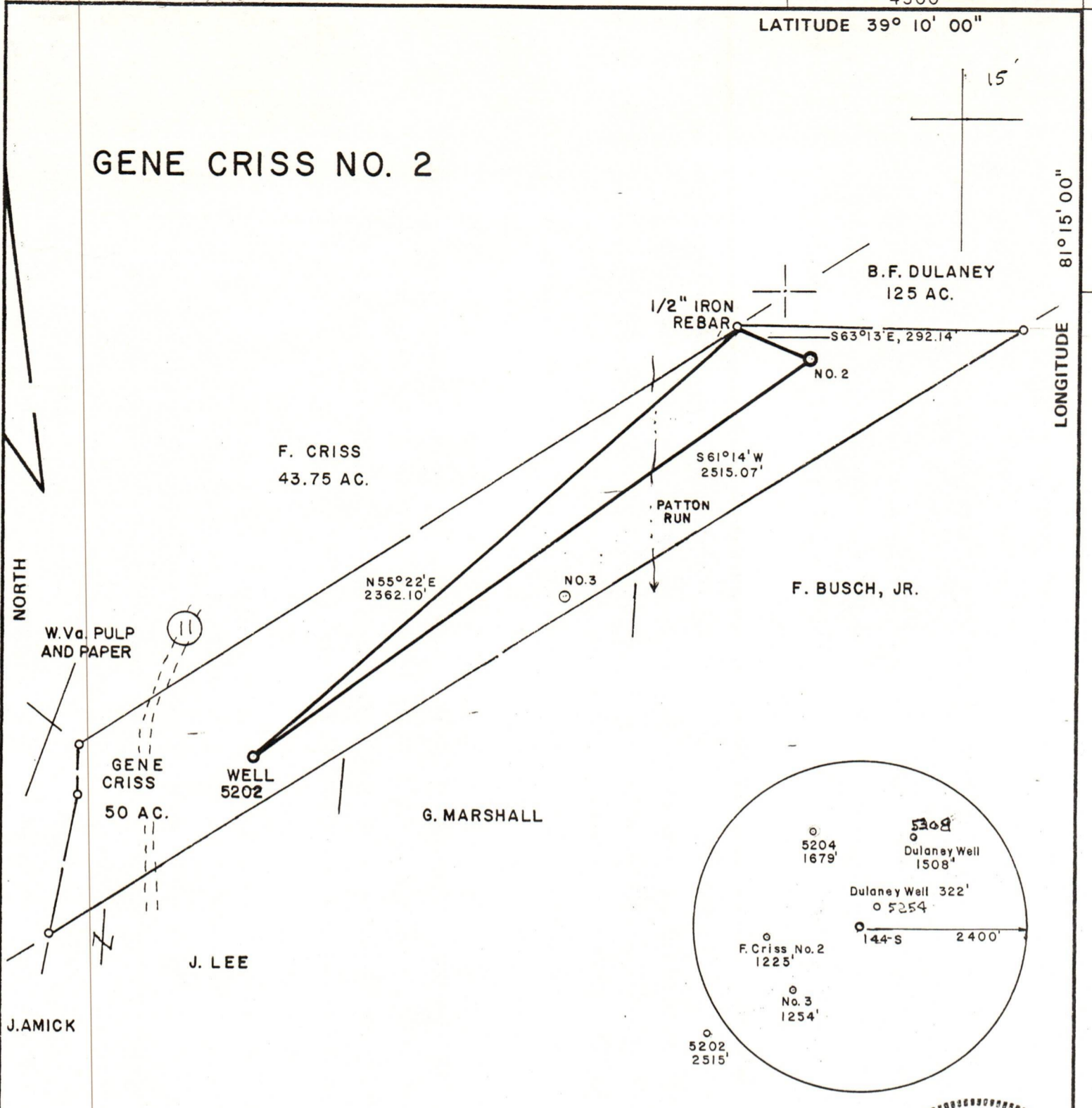
TMS/rl

04/19/2024

4300' LATITUDE 39° 10' 00"

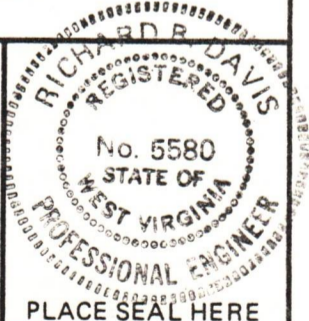
LONGITUDE 81° 15' 00"

# GENE CRISS NO. 2



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION EXISTING WELL NO. 5202 ELEV. - 1040'

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) Richard B. Davis  
 R.P.E. 5580 L.L.S. \_\_\_\_\_



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE MAY 5, 19 82  
 OPERATOR'S WELL NO. G. CRISS NO. 2  
 API WELL NO. 144-S  
47 - 085 - 5653  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1054' WATER SHED NORTH FORK HUGHES RIVER  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE PETROLEUM 7.5 MINUTE  
 SURFACE OWNER GENE CRISS ACREAGE 50 AC.  
 OIL & GAS ROYALTY OWNER GENE CRISS, et. al. LEASE ACREAGE 50 AC.  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

04/19/2024

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION GORDON SHALE ESTIMATED DEPTH 4200'  
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD  
 ADDRESS P.O. DRAWER F ADDRESS P.O. DRAWER F  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201