



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL OPERATOR: JANE LEW, WV 26378-0080  
 2) LOCATION: BRUSHY FORK  
 3) WELL DEPTH: 1150  
 4) PROPOSED WELL WORK: DRILLING CONTRACTOR: JANE LEW, WV 26378-0080  
 5) OTHER INFORMATION: BUCKANNON, WV 26281

OFFICE USE ONLY

This part of Form WW-2(B) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_

11/10/2023

RECEIVED  
NOV 15 1985



WW-9

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Rec'd. (WF-SD)

OCT 24 1985

State of West Virginia

Department of ENERGY  
Oil and Gas Division

DATE October 22, 1985

WELL NO. Stonewall/Harmer No.

API NO. 047 - 033 - 3277

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Stonewall Gas Company

DESIGNATED AGENT Charles Canfield

Address P. O. Drawer R. Jane Lew, WV

Address P. O. Drawer R. Jane Lew, WV

Telephone 304-884-7881

26378-0080

Telephone 304-884-7881

26378-0080

LANDOWNER Lester Clevenger

SOIL CONS. DISTRICT West Fork

Revegetation to be carried out by Stonewall Gas Co., Charles Canfield (Agent)

This plan has been reviewed by West Fork SD. All corrections and additions become a part of this plan:

11/4/85  
(Date)

Kenneth E Knight  
(SD Agent)

ON SITE REVIEW  
10/31/85

ACCESS ROAD

LOCATION

Structure Cross Drain (A)  
From level  
Spacing to 20% grade (every 45')  
with riprapped outlet  
Page Ref. Manual 2-1

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2-12

Structure Culvert (15" min. I.D.) (B)  
As illustrated at  
Spacing natural drains & accord. to O&G  
with riprapped outlet  
Page Ref. Manual 2-7

Structure Rip Rap (2)  
Material Stone or Timber  
Page Ref. Manual 2-9

Structure Drainage Ditch (C)  
As illustrated on  
Spacing upper road cuts  
Page Ref. Manual 2-12

Structure Broad Based Dip (D)  
Spacing Accord. to O&G Manual  
Material Stone or Timber  
with riprapped outlet  
Page Ref. Manual 2-3

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

Lime As determined by pH test Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay or Straw 2 Tons/acre

Seed \* Kentucky 31 Fescue 35 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Domestic Rye 10 lbs/acre

Treatment Area II

Lime As determined by pH test Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Hay or Straw 2 Tons/acre

Seed \* Kentucky 31 Fescue 35 lbs/acre

Birdsfoot Trefoil 10 lbs/acre

Domestic Rye 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's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY LAND SURVEYING SERVICE 11/10/2023

ADDRESS 1412 N. 18th Street

Clarksburg, WV 26301

PHONE NO. 304-623-1214

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Mt Clare 7.5 Minute

**LEGEND**

Well Site ⊕

Access Road ———

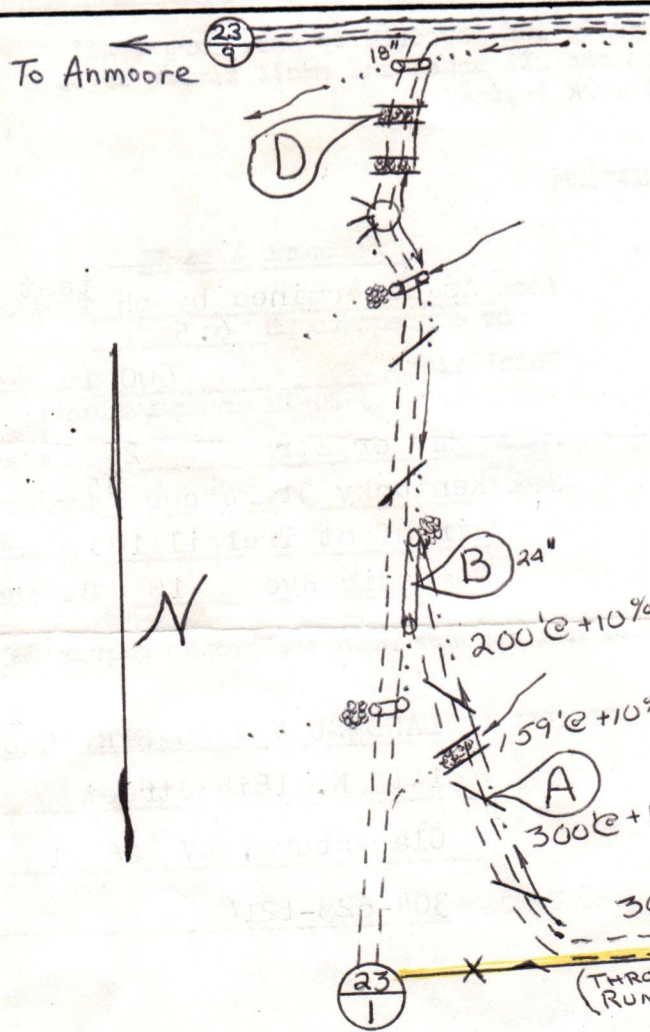


**WELL SITE PLAN**

Sketch to include well location, existing access road, roads to be constructed, well site, 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 — x — x —	Wet spot ♀
Planned fence — // — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ —
Open ditch — ···· —>	Waterway < = = = =



**NOTE: NECESSARY UPGRADING TO CO. ROAD**

This location is on a brushy bench with the pit just below. The access road will climb up and cross the very south end of a level meadow. Then angle down as illustrated through the woods to enter the county road to be upgraded as shown.

Timber will be stacked accessibly. Topsoil will be stockpiled for use in revegetation. Place staked hay bales in the ditch lines. Place rock where necessary. Allow natural vegetation to serve as a filter strip.

11/10/2023

TRUMBLE

1) Date: NOVEMBER 8, 1985  
Operator's  
2) Well No. HARMER #1 326-S  
3) API Well No. 47 - 033 - 3277  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS  
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name LESTER & MARY CLEVINGER  
Address RT 1, BOX 83  
BRIDGEPORT, WV 26330  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5 (i) COAL OPERATOR N/A  
Address \_\_\_\_\_  
5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name SAME AS SURFACE  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name N/A  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form WW-2(B) which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 Director of the Division of Oil and Gas.

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

RECEIVED  
NOV 15 1985

6) EXTRACTION RIGHTS  
Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22B-1-8(c)(1) through (4). (see reverse side for specifics)

7) ROYALTY PROVISIONS  
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes (No)  
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by BENJAMIN A. HARDESTY, VICE PRESIDENT this 8 day of NOVEMBER, 1985, My commission expires OCTOBER 28, 1990.  
Charles A. Cook  
Notary Public, LEWIS County,  
State of WEST VIRGINIA

WELL OPERATOR STONEWALL GAS COMPANY  
By Benjamin A. Hardesty  
Its VICE PRESIDENT  
Address PO DRAWER R  
JANE LEW, WV 26378-0080  
Telephone 304-884-7881

11/10/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division of Oil & gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code §22B-1-9(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code §22B-1-36.
- 6) See Code §22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11 (d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code §22B-1-6 and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22B-1-9, 22-B-1-13 and 22B-1-14.

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INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book page</u>
VAN B. LUCAS ET UX	CLARENCE W. MUTSCHELKNAUS	1/8	1152/358
HUGH S. MUNRO ET UX	"		1152/361
MARTHA PAYNE SMITH-WIDOW	"		1152/374
CLARENCE W. MUTSCHELKNAUS	STONEWALL GAS COMPANY	1/32 OF	11/8 012023 759



1) Date: NOVEMBER 8, 19 85  
 2) Operator's Well No. HARMER #1 326-S  
 3) API Well No. 47 033  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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

**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 1120 Watershed: BRUSHY FORK  
 District: SIMPSON County: HARRISON Quadrangle: MT CLARE 7'5
- 6) WELL OPERATOR STONEWALL GAS CO CODE: \_\_\_\_\_ 7) DESIGNATED AGENT CHARLES W. CANFIELD  
 Address PO DRAWER R Address PO DRAWER R  
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name STEPHEN CASEY 884-7470 Name S. W. JACK  
 Address RT 2, BOX 232-D Address \_\_\_\_\_  
JANE LEW, WV 26378 BUCKHANNON, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, BENSON
- 12) Estimated depth of completed well, 5300 feet
- 13) Approximate trata depths: Fresh, 140 feet; salt, N/A feet.
- 14) Approximate coal seam depths: 235, 239 Is coal being mined in the area? Yes \_\_\_\_\_ / No

15) 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	<u>11 3/4</u>				<input checked="" type="checkbox"/>	<u>30</u>	<u>30</u>	<u>SURFACE</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>			<input checked="" type="checkbox"/>		<u>1100</u>	<u>1100</u>	<u>280 SKS</u>	<u>RULE 1505</u>
Production	<u>4 1/2</u>			<input checked="" type="checkbox"/>		<u>5300</u>	<u>5300</u>	<u>565 SKS</u>	<u>DEPTH SET 1501</u>
Tubing									
Liners									Perforations
									Top Bottom

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

The 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 22B-1-15,16, or 17 must be filed with the Department of Energy within fifteen (15) days after the receipt of this Application by the Department.

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 22B-1-36 if the permit is to be issued within fifteen (15) days of the filing of the Application.

**WAIVER**

The undersigned coal operator X / 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 regulations.

Date: November 12, 19 85  
 By: X Sister Clewenger  
X Mary E. Clewenger  
 Its \_\_\_\_\_ **11/10/2023**



1) Date: NOVEMBER 8, 19 85  
 2) Operator's Well No. HARMER #1 326-S  
 3) API Well No. 47 033  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
**APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 1120 Watershed: BRUSHY FORK  
 District: SIMPSON County: HARRISON Quadrangle: MT CLARE 7'5
- 6) WELL OPERATOR STONEWALL GAS CO CODE: \_\_\_\_\_ 7) DESIGNATED AGENT CHARLES W. CANFIELD  
 Address PO DRAWER R Address PO DRAWER R  
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name STEPHEN CASEY 884-7470 9) DRILLING CONTRACTOR:  
 Address RT 2, BOX 232-D Name S. W. JACK  
JANE LEW, WV 26378 Address BUCKHANNON, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, BENSON  
 12) Estimated depth of completed well, 5300 feet  
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15) 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 3/4				X	30	30	SURFACE	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8			X		1100	1100	280 SKS	RULE 1505
Production	4 1/2			X		5300	5300	565 SKS	DEPTH SET 1501
Tubing									
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form WW-2(A), (2) an Application for a Well Work Permit on Form WW-2(B), (3) a survey plat on Form WW-6, and (4) a Construction and Reclamation Plan on Form WW-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: \_\_\_\_\_  
 By November 12 85  
 Its \_\_\_\_\_ Date \_\_\_\_\_

X Steph Calenger  
 (Signature) Date \_\_\_\_\_  
 X Mary E. Calenger  
 X Mary E. Calenger  
 (Signature) Date 11/10/2025  
 Date 11/12/85



INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B, Article 1 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Director of the Division of Oil and Gas in the West Virginia Department of Energy immediately.

NOTE : YOU ARE NOT REQUIRED TO FILE ANY COMMENT AT ALL.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION :

Director, Division of Oil and Gas  
West Virginia Department of Energy  
1615 Washington Street, East  
Charleston, West Virginia 25311-2192  
(304) - 348 - 3500

Who may file comments? If you wish to file comments, you must be an owner of record of (1) and interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract over the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in METHODS FOR FILING COMMENTS below. You may call the Director's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Director's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Director for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Director.

List of Water Testing Laboratories. The Director maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Director's office or an Oil and Gas Inspector to obtain a copy of the list.



RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS



Date JANUARY 20, 86  
Operator's  
Well No. HARMER #1 (326-S)  
Farm HARMER  
API No. 47 - 033 - 3277

WR-35

JAN 29 1986

State of West Virginia  
DEPARTMENT OF ENERGY  
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: 1120 Watershed BRUSHY FORK  
District: SIMPSON County HARRISON Quadrangle MT CLARE

COMPANY STONEWALL GAS COMPANY  
ADDRESS PO DRAWER R, JANE LEW, WV 26378  
DESIGNATED AGENT CHARLES W. CANFIELD  
ADDRESS PO DRAWER R, JANE LEW, WV 26378  
SURFACE OWNER LESTER CLEVINGER  
ADDRESS RT1, BOX 83, BRIDGEPORT, WV 26330  
MINERAL RIGHTS OWNER VAN LUCAS ET AL  
ADDRESS RT 1, BOX 388, CLARKSBURG, WV 26301  
OIL AND GAS INSPECTOR FOR THIS WORK STEVE CASEY  
ADDRESS RT 2, BOX 232-D  
JANE LEW, WV 26378  
PERMIT ISSUED DEC 3, 85  
DRILLING COMMENCED 12-09-85  
DRILLING COMPLETED 12-12-85

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	1269	1269	260 sks
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION BALLTOWN Depth 3600 feet  
Depth of completed well 1866 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 140 feet; Salt \_\_\_\_\_ feet  
Coal seam depths: 235 Is coal being mined in the area? NA

OPEN FLOW DATA  
Producing formation GANTZ Pay zone depth 1780 feet  
Gas: Initial open flow 5,000 Mcf/d Oil: Initial open flow NA Bbl/d  
Final open flow 5,000 Mcf/d Final open flow NA Bbl/d  
Time of open flow between initial and final tests 48 hours  
Static rock pressure 800 psig (surface measurement) after 48 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth 11/10/2023 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)

HARR 3277

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

NATURAL - 8 5/8 CASING

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
TOP SOIL	BROWN	S	0	10	
SHALE	BLACK	H	10	48	
SHALE & RED RK	BROWN	M	48	169	
SAND & SHALE	GRAY	M	169	199	
SAND	BROWN	S	199	235	1/2" STREAM H <sub>2</sub> O 139'
SAND & SHALE	GRAY	M	235	260	
SAND	BROWN	S	260	377	1/2" INCREASE @ 235'
SAND & SHALE	BLACK	M	377	407	GAS CHECK 1372' NO SHOW
SAND	BROWN	S	407	438	
SAND & SHALE	GREY	M	438	469	GAS CHECK 1465 2/10 2" W/W
COAL	BLACK	H	469	474	
SHALE & SAND	GREY	M	474	500	
W. SAND	TAN	M	500	531	GAS CHECK 1774 10/10 7" MERC
SAND & SHALE	GREY	M	531	595	
SAND	TAN	S	595	624	
SAND & SHALE	GREY	M	624	655	
SAND	TAN	S	655	717	
SAND & SHALE	BROWN	M	717	810	
SAND	TAN	S	810	872	
SAND & SHALE	GREY	H	872	967	
SAND	TAN	M	967	1154	
SAND, SHALE, RR	RED	H	1154	1245	
SAND	BROWN	M	1245	1260	
BIG LIME	BROWN	M	1260	1308	
SAND	TAN	S	1308	1403	
SAND & SHALE	GREY	M	1403	1434	
SHALE	GREY	H	1434	1465	
SHALE & SAND	GREY	M	1465	1496	
SAND	TAN	M	1496	1526	
SAND & SHALE	GREY	M	1526	1557	
SHALE	BLACK	H	1557	1588	
SHALE & SAND	GREY	M	1588	1650	
SAND & SHALE	BROWN	M	1650	1713	
SHALE	BLACK	H	1713	1750	
GANTZ					
	TD		1866		

(Attach separate sheets as necessary)

STONEWALL GAS COMPANY

Well Operator

By: Benjamin A. Hardesty 11/10/2023  
 BENJAMIN A. HARDESTY, VICE PRESIDENT  
 Date: JANUARY 20, 86

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."

[08-78] RECEIVED  
DEPARTMENT OF ENERGY  
OIL AND GAS

Date: JANUARY 21, 86, 19

Operator's Well No. HARMER #1 (326-S)

API Well No. 47 - 033 - 3277  
State County Perm

JAN 29 1986

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

WELL OPERATOR'S REPORT  
OF  
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR STONEWALL GAS COMPANY  
Address PO DRAWER R  
JANE LEW, WV 26378-0080

DESIGNATED AGENT CHARLES W. CANFIELD  
Address PO DRAWER R  
JANE LEW, WV 26378-0080

GEOLOGICAL TARGET FORMATION: \_\_\_\_\_ Depth \_\_\_\_\_ feet  
Perforation Interval \_\_\_\_\_ feet

NATURAL THRU 8 5/8 CASING

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 1.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE	TIME	END OF TEST-DATE	TIME	DURATION OF TEST
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf	WATER PRODUCTION DURING TEST & SALINITY bbls. ppm.		
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) *API			

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKER <input type="checkbox"/> CRITICAL FLOW TROVER <input type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKER SIZE - IN.
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.
DIFFERENTIAL	STATIC	GAS GRAVITY (Air-1.0) MEASURED _____ ESTIMATED _____
GAS GRAVITY (Air-1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT PRESSURE - _____ psia	

TEST RESULTS			
DAILY OIL bbls.	DAILY WATER bbls.	DAILY GAS Mcf.	GAS-OIL RATIO SCF/STB

STONEWALL GAS COMPANY  
Well Operator

By: BENJAMIN A. HARDESTY  
Its: VICE PRESIDENT

11/10/2023

✓  
1R-20  
Obverse

INSPECTOR'S PERMIT SUMMARY FORM

RECORDED  
DEPARTMENT OF ENERGY  
OIL AND GAS

12-3-85

WELL TYPE \_\_\_\_\_  
ELEVATION 1120  
DISTRICT Simpson  
QUADRANGLE Mt. Clair  
COUNTY Harrison

API# 47-033 - 3277  
OPERATOR Stonewall Gas  
TELEPHONE \_\_\_\_\_  
FARM \_\_\_\_\_  
WELL # Harmer 1 326-S

SURFACE OWNER Lester Clevenger COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED 12-6-85  
DATE STARTED \_\_\_\_\_  
LOCATION 12-6-85 NOTIFIED  DRILLING COMMENCED 12-9

WATER DEPTHS 139, 235, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS 469-474, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

SW 23

CASING  
Ran 1269 feet of 8 5/8 "pipe on 12-12 with 260sx. B5H fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

TD \_\_\_\_\_ feet on \_\_\_\_\_

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_

Field analysis ph \_\_\_\_\_ fe \_\_\_\_\_ cl \_\_\_\_\_

Well Record received \_\_\_\_\_

Date Released 5-27-86

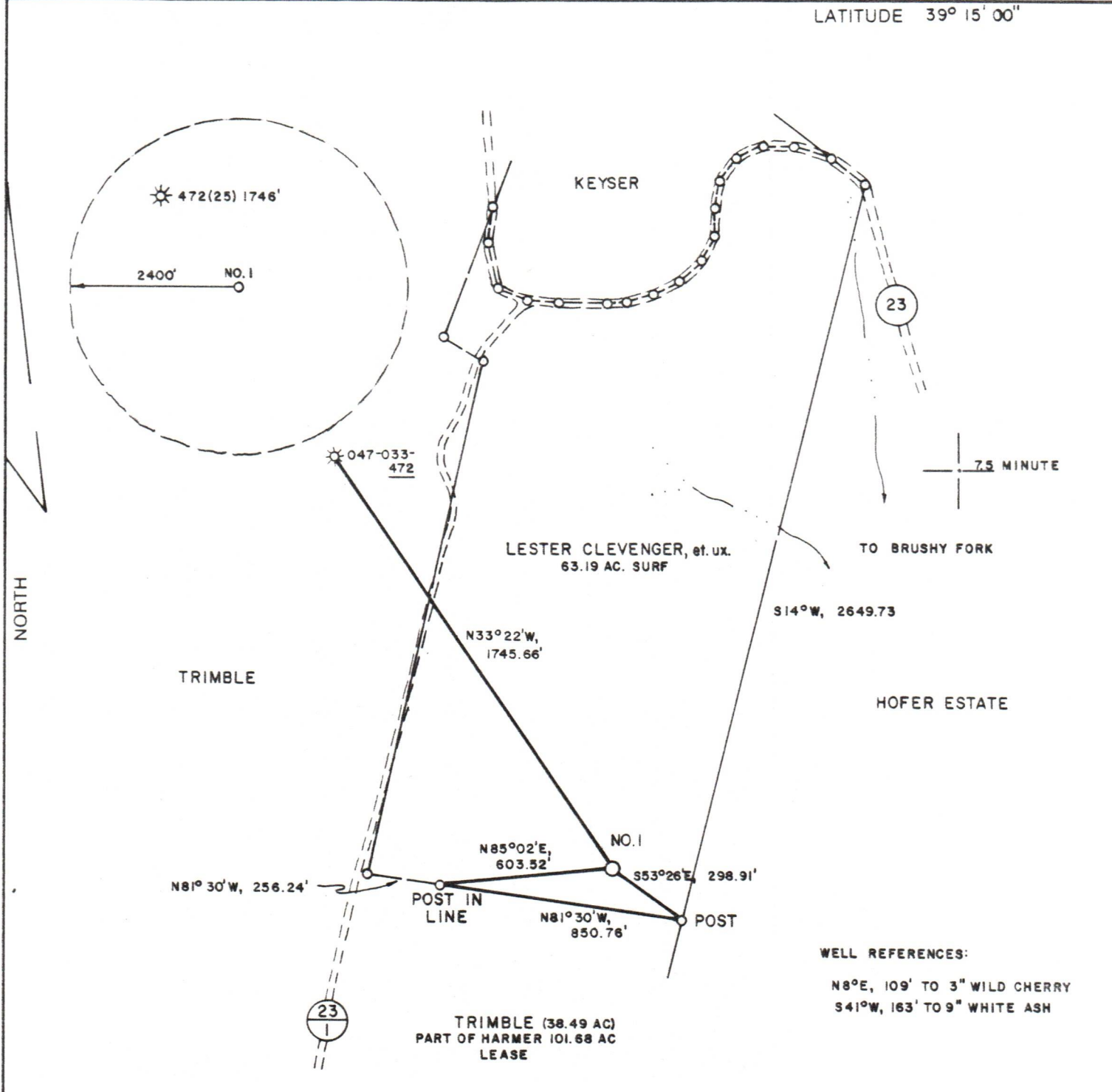
Steve Casey 11/10/2023  
Inspector's signature

API# 47 33 - 3277

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	12-9-85		inspect loc.	
2	12-11		check wgs	
3	12-12		run pipe	
4				
5			natural well approx 1730	5 mills
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Notes



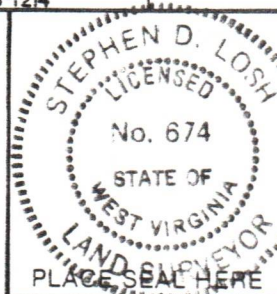
WELL REFERENCES:  
 N8°E, 109' TO 3" WILD CHERRY  
 S41°W, 163' TO 9" WHITE ASH

LAND SURVEYING SERVICES  
 1412 NORTH 18 TH ST.  
 CLARKSBURG, WV 26301  
 PHONE: 304-623-1214

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION  
 2090' NW. OF LOCATION AT 1158'

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) *Stephen D. Losh*  
 R.P.E. \_\_\_\_\_ L.L.S. NO. 674  
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE OCTOBER 22, 19 85  
 OPERATOR'S WELL NO. HARMER NO. 1  
 API WELL NO.

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1120' WATERSHED BRUSHY FORK  
 DISTRICT SIMPSON COUNTY HARRISON  
 QUADRANGLE MT. CLARE 7.5 MINUTE

SURFACE OWNER LESTER CLEVINGER ACREAGE 57.20  
 OIL & GAS ROYALTY OWNER H. W. HARMER, HEIRS LEASE ACREAGE 101.68

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

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION BENSON ESTIMATED DEPTH 5300'  
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD  
 ADDRESS P.O. DRAWER R ADDRESS P.O. DRAWER R  
 JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

FORM IV-6 (8-78)  
 H.T. HALL

COUNTY NAME  
 PERMIT

11/10/2023