

FILE COPY



RECEIVED
JUL 29 1985

1) Date: July 24, 19 85
2) Operator's WADE #2 (302-S)
Well No. _____
3) API Well No. 47 033-3241
State County Permit

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

- 4) WELL TYPE: A Oil / Gas
B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 1362 / Watershed: RIGHT FORK OF KINCHELOE CREEK 252
District: UNION / County: HARRISON / Quadrangle: BIG ISAAC 7.5
- 6) WELL OPERATOR STONEWALL GAS COMPANY
Address PO DRAWER R 217850
JANE LEW, WV 26378-0080
- 7) DESIGNATED AGENT CHARLES W. CANFIELD
Address PO DRAWER R
JANE LEW, WV 26378-0080
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name STEPHEN CASEY (884-7470)
Address RT 2 BOX 232-D
JANE LEW WV 26378
- 9) DRILLING CONTRACTOR:
Name S W JACK DRILLING
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, ALEXANDER
- 12) Estimated depth of completed well, 5700 feet
- 13) Approximate trata depths: Fresh, 152 feet; salt, 1700 feet.
- 14) Approximate coal seam depths: 207, 300, 740 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		
Conductor	11 3/4				X	200	200	TO SURFACE Kinds NEAT
Fresh water								
Coal								
Intermediate	8 5/8			X		1200	1200	Sizes 225 SKS RULE 1505
Production	4 1/2			X		5700	5700	514 SKS RULE 1501
Tubing								
Liners								Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-033-3241

Date August 13 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires August 13, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALB</u>	Plat: <u>MN</u>	Casing: <u>MN</u>	Fee: <u>2307</u> <u>2308</u>
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K. B. Bank
DIRECTOR, DIVISION of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File 11/10/2023

OFFICE USE ONLY

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

OFFICE USE ONLY

This part of Form IV-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		

Follow-up inspection(s)

OTHER INSPECTIONS

Reason: _____

Reason: _____

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IV-9
(Rev 8-81)



DATE July 03, 1985
WELL NO. Wade #2
API NO. 47 - 033 - 3241

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

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 Telephone 304-884-7881
LANDOWNER Stephen Perkins 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 SCD. All corrections and additions become a part of this plan: 7/17/85 (Date)

Kenneth E. Knight ON SITE REVIEW
(SCD Agent) 7/15/85

ACCESS ROAD

LOCATION

- | | |
|--|--|
| Structure <u>Drainage Ditch</u> (A) | Structure <u>Diversion Ditch</u> (1) |
| with riprapped outlet | with riprapped outlet |
| Spacing <u>On upper road cuts</u> | Material <u>Earthen</u> |
| Page Ref. Manual <u>2-12</u> | Page Ref. Manual <u>2-12</u> |
| Structure <u>Broad Based Dip</u> (B) | Structure _____ (2) |
| with riprapped outlet | Material _____ |
| Spacing <u>According to O&G Manual</u> | Page Ref. Manual _____ |
| Page Ref. Manual <u>2-3</u> | |
| Structure <u>Cross Drain</u> (C) | Structure <u>Culvert (15" min.)</u> (2x) |
| with riprapped outlet | Spacing <u>with riprapped outlet</u> (D) |
| Spacing <u>6%-124' to 20%-45'</u> | Material <u>At natural drains</u> |
| Page Ref. Manual <u>2-1</u> | Accord. to O&G Manual |
| | Page Ref. Manual <u>2-7</u> |

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

Lime According to 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* KY 31 Fescue 35 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Domestic Rye 10 lbs/acre

Lime According to 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* KY 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.

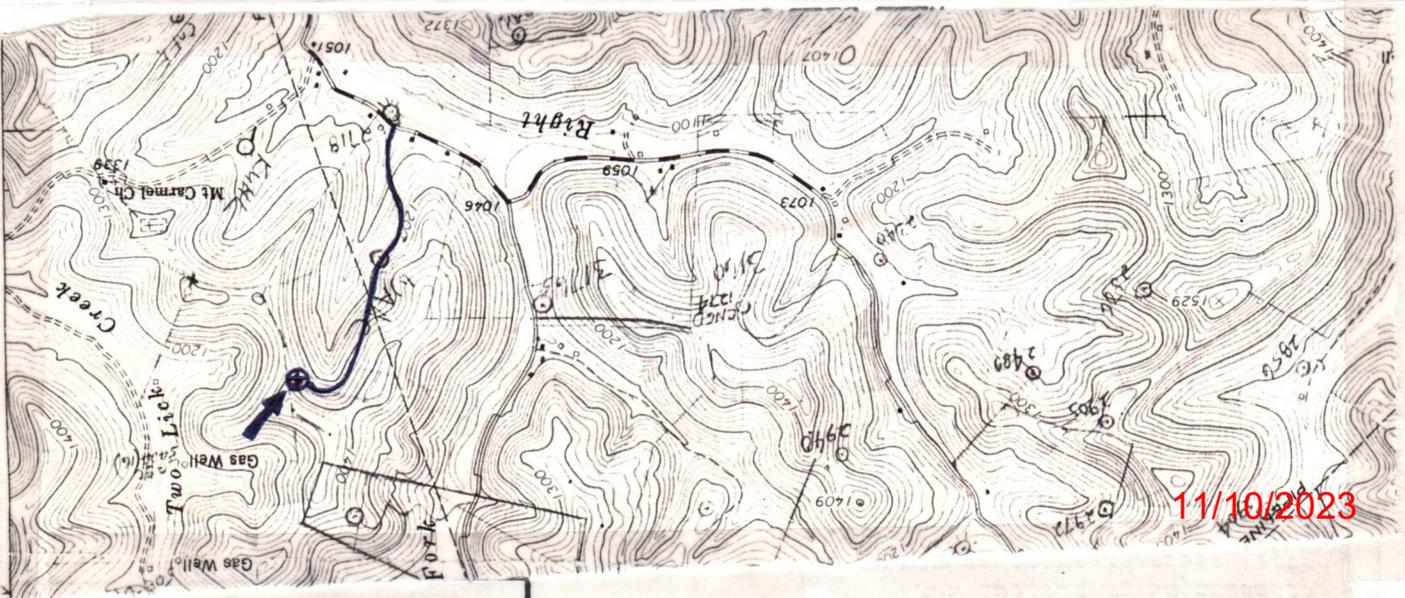
PLAN PREPARED BY LAND SURVEYING 1/10/2023

ADDRESS 1412 N. 18th St.
Clarksburg, WV 26301
PHONE NO. 304-623-1214

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

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

11/10/2023



LEGEND

Well site ⊕

Access Road ———

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

LEGEND

Property boundary ———

Road = = = =

Existing fence — x — x — x —

Planned fence — / — / — / —

Stream ~ ~ ~ ~

Open ditch ———>.....>.....>.....>

Diversion ———

Spring ○ →

Wet spot Ⓜ

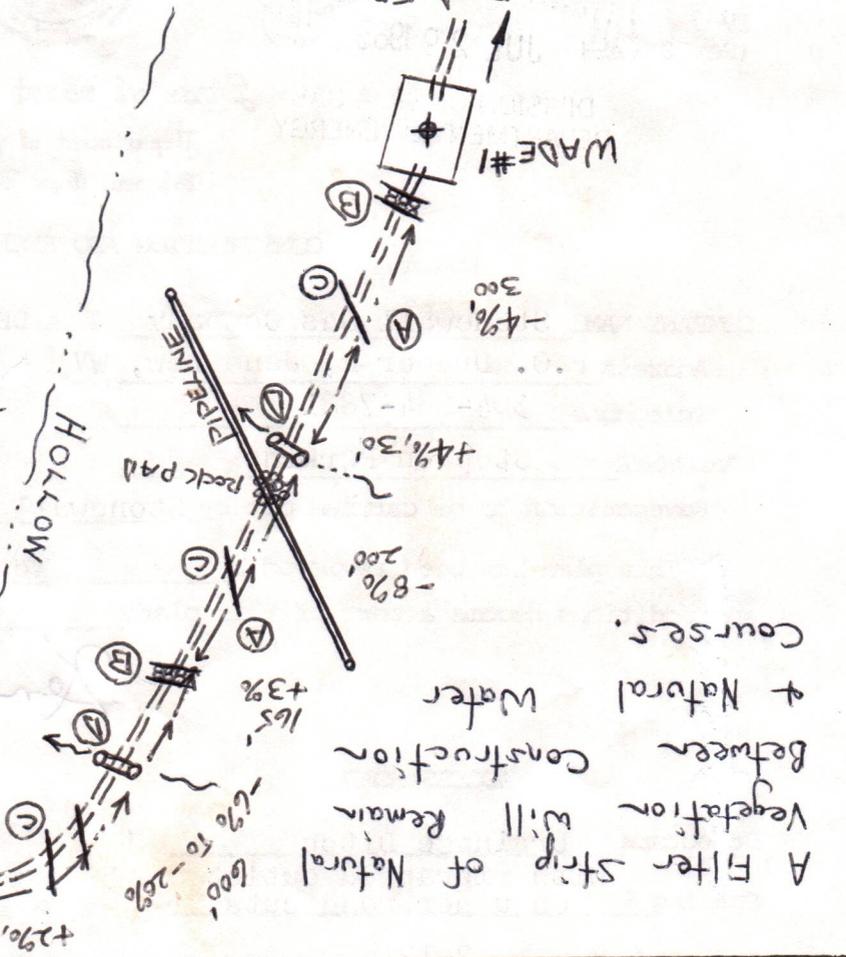
Building ■

Drain pipe — ○ — ○ — ○ —

Waterway ———

A Filter Strip of Natural Vegetation will Remain Between Construction & Natural Water Courses.

Location is on a wooded hillside. Usable timber will be cut and stacked. Top soil will be stockpiled for use in revegetation. Rock will be used on road where necessary. Location of pit may vary if construction difficult. TIES WARRANT. Sediment Barriers of Staked Straw Bales will be placed in Drainage Ditches where Needed.



Access Road From HERE TO CO. RT. 35/5 APPROVED ON WADE #1 REC. PLAN (Approved 3/11/85 by WFSO)

WADE #2

(staked hay bales)

Location is on a wooded hillside. Usable timber will be cut and stacked. Top soil will be stockpiled for use in revegetation. Rock will be used on road where necessary. Location of pit may vary if construction difficult. TIES WARRANT.

1) Date: JULY 24, 1985
 2) Operator's Well No. WADE #2 (302-S)
 3) API Well No. 47 033-3241
 State County Permit

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

- 4) SURFACE OWNER(S) OF RECORD TO BE SERVED
- (i) Name STEPHEN J. & FRED A P. PERKINS
 Address RT 2
 - (ii) Name JANE LEW, WV 26378
 Address _____
 - (iii) Name _____
 Address _____
- 5(i) COAL OPERATOR N/A
 Address _____
- 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name EASTERN ASSOCIATED COAL CORP.
 Address 1700 KOPPERS BLDG.
PITTSBURGH, PA 15219
 Name _____
 Address _____

302-S *WADE #2*
 P 682 729 608

SEE WITH DECLARATION ON RECORD:
N/A

TO THE PERSON(S) NAME

- (1) The Applicant to be plugged and describe cementing or
- (2) The plat (surface) plug a well)
- (3) The Construction and Reclamation

THE REASON YOU RE WHICH ARE SUMMARIZED IN (FORM IV-2(B) OR FORM ACTION AT ALL.

Take notice that erator proposes to file for a Well Work Permit Department of Mines, and depicted on attached Construction and Reclamation by hand to the person(s) before the day of mailing

6) EXTRACTION RIGHTS
 Check and provide one
 Included is the lease I hold the right
 The requirement of

7) ROYALTY PROVISIONS
 Is the right to extract or other contract or for compensation to the to the volume of oil or gas
 If the answer you may use Affidavit

See the reverse side for the required copies of the Reclamation Plan.

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

Sent to EASTERN ASSOCIATED COAL
 Street and No. 1700 KOPPERS BLDG
 P.O., State and ZIP Code PITTSBURGH, PA 15219

Postage	\$ <u>39</u>
Certified Fee	<u>75</u>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	<u>70</u>
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ <u>184</u>
Postmark or Date	<u>JANE LEW</u> <u>25</u> <u>1985</u> W. VA.

PS Form 3800, Feb. 1982 * U.S.G.P.O. 1983-403-517

following documents:
 V-4 if the well is g or other work, roposed casing and

and
 ll work is only to ntrol and for

ING THE APPLICATION OF THE APPLICATION TO TAKE ANY

signed well op- anying documents West Virginia tached Application , the plat, and the ed mail or delivered ances) on or

icts by which (or specifics.)

ase or leases ilar provision rently related No)

answer is Yes,

concerning tion and

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

RECEIVED
 JUL 29 1985

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 24 day of JULY, 1985.
 My commission expires 10-28, 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

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 Office 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 § 22-4-1b(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 § 22-4-20.
- 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 § 22-4-1k 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a 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 § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(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>
INA C. JACKSON ET AL	WV ENERGIES	1/8	1144/515
WADE H. COFFINDAFFER, JR. ET AL	"		1143/630
BLEN LAW ET AL	"		1144/545
CORBLEY W. COFFINDAFFER ET AL	"		1146/505
EMILOU LAGATTA ET AL	"		1146/519
CLYDE C. COFFINDAFFER-SINGLE	"		1146/522
JAMES R. RODGERS ET UX	"		1146/545
CATHERINE C. PRICE ET VIR	"		1146/533
SUE SMITH-SINGLE	"		1146/563
LAURA VANSOY ET VIR	"		1146/554
WV ENERGIES, INC.	STONEWALL GAS COMPANY	L/32 OF 7/8	1146/681

11/10/2023



1) Date: July 24, 19 85
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 State County Permit

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, 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: 1362 Watershed: RIGHT FORK OF KINCHELOE CREEK
 District: UNION County: HARRISON Quadrangle: BIG ISAAC 7.5
 6) WELL OPERATOR STONEWALL GAS COMPANY 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 DRILLING
 Address RT 2 BOX 232-D Address BUCKHANNON, WV 26201
JANE LEW WV 26378
 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, ALEXANDER
 12) Estimated depth of completed well, 5700 feet
 13) Approximate trata depths: Fresh, 152 feet; salt, 1700 feet.
 14) Approximate coal seam depths: 207, 300, 740 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>200</u>	<u>200</u>	<u>TO SURFACE</u>	Kinds <u>NEAT</u>
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>			<input checked="" type="checkbox"/>		<u>1200</u>	<u>1200</u>	<u>225 SKS</u>	<u>RULE 1505</u>
Production	<u>4 1/2</u>			<input checked="" type="checkbox"/>		<u>5700</u>	<u>5700</u>	<u>514 SKS</u>	<u>RULE 1501</u>
Tubing									Depths set
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 for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-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.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
 _____ Date: _____
 (Signature)
 _____ Date: _____
 (Signature)

DIRECTOR, DIVISION

11/10/2023
 Surface Owner



**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 22, Article 4 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 Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an 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 under 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 Administrator'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 Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator 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 Administrator.

List of Water Testing Laboratories. The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

[Handwritten signature]



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 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
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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 DRILLING
 Address RT 2 BOX 232-D Address BUCKHANNON, WV 2620L
JANE LEW WV 26378
 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____

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Fresh water										
Coal									Sizes	
Intermediate	<u>8 5/8</u>			<input checked="" type="checkbox"/>		<u>1200</u>	<u>1200</u>	<u>225 SKS</u>	<u>RULE 1505</u>	
Production	<u>4 1/2</u>			<input checked="" type="checkbox"/>		<u>5700</u>	<u>5700</u>	<u>514 SKS</u>	<u>SILE 1501</u>	
Tubing									Depths set	
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 §22-4-3 must be filed with the Department of Mines 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 §22-4-20, if the permit is to be issued within fifteen (15) days of the filing of the Application.

WAIVER

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 regulations.

Date: Aug 5, 19 85
 By Richard A. Eddy Jr
 Its Manager of Properties
 Eastern Associated Coal Corp.
 11/10/2023
 Coal Owner

RECEIVED
JUL 29 1985

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE DEPARTMENT OF ENERGY

- 1. Company Name STONEWALL GAS COMPANY
- 2. Mailing Address PO DRAWER R JANE LEW, WV 26378-0080
street city state zip
- 3. Telephone 304-884-7881 4. Well Name WADE #2 (302-S)
- 5. Latitude 39° 12' 30" Longitude 80° 12' 30"
- 6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-033-3241
- 8. County HARRISON 9. Nearest Town WESTON
RIGHT FORK OF
- 10. Nearest Stream KINCHELOE CREEK 11. Tributary of WEST FORK
- 12. Will Discharge be Contracted Out? yes X no _____
- 13. If Yes, Proposed Contractor UNKNOWN
Address _____
Telephone _____

- 14. Proposed Disposal Method: UIC _____ Land application X
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____

15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

WW-35
IV-35
(Rev 8-81)



Date September 11, 1985
Operator's Wade
Well No. Wade #2 302-S
Farm Wade
API No. 47 -033 -3241

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 X / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /
LOCATION: Elevation: 1362 Watershed Right Fork of Kincheloe Creek
District: Union County Harrison Quadrangle Big Isaac

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 Stephen Perkins
ADDRESS Rt 2, Jane Lew, WV 26378
MINERAL RIGHTS OWNER A. B. Coffindaffer Heirs
Wade Coffindaffer
ADDRESS 135 Euclid Avenue, Clarksburg, WV 26301
OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey
ADDRESS Rt 2, Box 232D, Jane Lew
PERMIT ISSUED August 13, 1985
DRILLING COMMENCED August 22, 1985
DRILLING COMPLETED August 29, 1985
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 ^{11 3/4}	201	201	100 sks
9 5/8			
8 5/8	1489	1489	360 sks
7			
5 1/2			
4 1/2	5070	5070	615 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4810 feet
Depth of completed well 5070 feet Rotary XX Cable Tools
Water strata depth: Fresh 70 feet; Salt 1260 feet
Coal seam depths: 35 Is coal being mined in the area? N/A

OPEN FLOW DATA
Producing formation Benson Pay zone depth 4810 feet
Gas: Initial open flow 290 Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 3033 Mcf/d Oil: Final open flow 9 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 1300 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Balltown Pay zone depth 3735 feet
Gas: Initial open flow 50 Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 3033 Mcf/d Oil: Final open flow 9 Bbl/d
Time of open flow between initial and final tests 72 hours
Static rock pressure 1300 psig (surface measurement) after 72 hours shut in

(Continue on reverse side)

HARRISON 3241

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

FRACKED SEPTEMBER 4, 1985

	PERFS	HOLES	BREAKDOWN	BBL	SAND	ISIP
Benson	4820-24	12	2100	700	60,000	1600#
Balltown	3709-66	10	1500	700	60,000	1400#
Speechley	3486-94	16	2400	700	60,000	1300#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill	B	S	0	5	
Sand & Shale	G	M	5	10	
Shale	G	H	10	35	
Coal	B	M	35	38	
Sand & Shale	G	M	38	85	
Red Rock & Shale	B	H	85	90	
Sand	T	S	90	138	
Sand & Shale	B	M	138	199	
Sand, RR, & Shale	G	H	199	229	
Shale & Sand	B	M	229	255	
Sand	B	S	255	285	
Red Rock & Shale	B	M	285	300	
Sand, Shale & RR	B	M	300	320	
Red Rock & Shale	B	M	320	440	
Sand, Shale, & RR	B	M	440	605	
Shale & Sand	G	M	605	700	
Shale & Red Rock	B	H	700	770	
Sand	B	S	770	872	
Shale	G	H	872	903	
Sand	B	S	903	918	
Sand & Shale	G	M	918	966	
Sand	T	S	966	1058	
RR, Sand & Shale	G	M	1058	1121	
Sand & Shale	B	H	1121	1152	
Shale	G	H	1152	1183	
Sand & Shale	B	M	1183	1245	
Shale	G	H	1245	1307	
Shale & Sand	B	M	1307	1339	
Shale	B	H	1339	1431	
Shale & Sand	B	M	1431	1523	
Sand	T	S	1523	1555	
Sand & Shale	G	M	1555	1617	
Shale & RR	B	H	1617	1677	
RR & Shale	G	M	1677	1770	
Sand & Shale	B	M	1770	1835	
Sand	T	S	1835	1875	
Sand & Shale	B	M	1875	1990	Gas Check @ 1862' No Show
Big Lime	B	M	1990	2065	
Shale	G	H	2065	2080	

(Attach separate sheets as necessary)

STONEWALL GAS COMPANY

Well operator

By: Benjamin A. Hardesty 11/10/2023
 Date: Benjamin A. Hardesty, Executive Vice President
 September 11, 1985

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
 ... encountered in the drilling of a well."

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

WADE #2 CONTINUED 302-S STONEWALL GAS COMPANY

WELL LOG

FORMATION	COLOR	HARD OR SOFT		TOP FEET	BOTTOM FEET	REMARKS
						Including indication of all fresh and salt water, coal, oil and gas
(Big Injun)						
Sand & Shale		B	M	2080	2356	Gas check @ 2049' Oil Odor
Shale		G	H	2356	2410	
Sand & Shale		B	M	2410	2511	Gas check @ 2080' No show
Sand		T	S	2511	2542	
Sand & Shale		B	M	2542	2636	Gas check @ 2111 No show
Shale		G	H	2636	2667	
Sand & Shale		B	M	2667	2760	Gas check 2511' 30/10 2" H ₂ O
Shale		G	H	2760	2947	
Sand & Shale		B	H	2947	3160	Gas check @ 2636 30/20 2" H ₂ O
Sand		T	S	3160	3200	Gas check @ 3540 24/10 2" H ₂ O
Sand & Shale		B	M	3200	3384	
Shale (Speechley)		G	H	3384	3509	
Sand & Shale		B	M	3509	3664	Gas check @ 3727' 20/10 2" H ₂
Shale (Balltown)		G	H	3664	3756	
Sand & Shale		B	M	3756	3818	Gas check @ 4748' 36/10 2" H ₂
Shale		G	H	3818	3942	
Sand & Shale		B	M	3942	3979	
Shale		G	H	3979	4005	
Shale & Sand		B	M	4005	4067	Gas check @ 4843' 50/10 2" H ₂
Shale		G	H	4067	4099	Gas check @ 4904' 79/10 2" H ₂
Sand & Shale		B	M	4099	4222	
Shale		G	H	4222	4253	
Sand & Shale		B	M	4253	4315	Gas check @ collars 10/10 2" H ₂ O
Shale & Sand		B	H	4315	4502	
Sand & Shale		G	M	4502	4865	
Benson		B	M	4865	4880	
					5123 TD	

(Attach separate sheets as necessary)

STONEWALL GAS COMPANY

Well Operator

By: *Benjamin A. Hardesty*

Date: Benjamin A. Hardesty, Executive Vice Preside
September 11, 1985

11/10/2023

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 ..., encountered in the drilling of a well."

RECEIVED
DEC - 4 1985

Date: 12/2/85, 1985

Operator's Well No. Wade #2
API Well No. 47 -033 -3241
State County Permi

DIVISION OF OIL & GAS STATE OF WEST VIRGINIA
DEPT. OF ENERGY DEPARTMENT OF MINES, OIL AND GAS DIVISION

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

WELL OPERATOR STONEWALL GAS COMPANY
Address P.O. DRAWER R
JANE LEW, WV 26378

DESIGNATED AGENT Charles W. Canfield
Address P.O. Drawer R
Jane Lew, WV 26378

GEOLOGICAL TARGET FORMATION: Benson Depth 4810 feet

Perforation Interval _____ feet
Benson 4820-24
Balltown 3709-66
Speechley 3486-94

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 21.01)
- 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	
9/10/85	7:00a.m.	9/11/85	8:30 a.m.	25½ hours	
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE		
	1300	150	680		
OIL PRODUCTION DURING TEST	GAS PRODUCTION DURING TEST		WATER PRODUCTION DURING TEST & SALINITY		
18 bbls.	175 Mcf		N/A bbls. N/A ppm.		
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.)				
56 °API	Flowing				

GAS PRODUCTION		
MEASUREMENT METHOD		POSITIVE CHOKE
FLANGE TAP <input type="checkbox"/>	PIPE TAP <input checked="" type="checkbox"/>	CRITICAL FLOW PROVER <input checked="" type="checkbox"/>
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.
2"	4½"	2"
DIFFERENTIAL PRESSURE RANGE		PROVER & ORIFICE DIAM. - IN.
1150#		
DIFFERENTIAL	STATIC	GAS GRAVITY (Air-1.0)
1150#		MEASURED ESTIMATED
GAS GRAVITY (Air-1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE
.6	68	50 °F
24 HOUR COEFFICIENT		24 HOUR COEFFICIENT
		PRESSURE - psia

TEST RESULTS			
DAILY OIL	DAILY WATER	DAILY GAS	GAS-OIL RATIO
18 bbls.	bbls.	175 Mcf.	1/10 SCF/STB

STONEWALL GAS COMPANY
Well Operator
By: Benjamin A. Hardesty
Its: Vice President

11/10/2023

RECEIVED

DEC 11 1988

DEPT. OF ENERGY
DIVISION OF OIL & GAS

11/10/2023

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

RECEIVED
AUG 29 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

INSPECTOR'S WELL REPORT

Permit No. 33-3241

Oil or Gas Well _____
(KIND)

Company <u>Stone Wall Gas</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Perkins</u>	16			Kind of Packer _____
Well No. <u>302-S</u>	13			
District <u>Union</u> County <u>Harrison</u>	10			Size of _____
Drilling commenced <u>8-22-85</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>11 3/4</u> SIZE <u>201'</u> No. FT. <u>100 SX</u> Date _____			
Fresh water <u>580</u> feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names SWJ 23

Remarks: 8 5/8 1489' 360 SX. Dowell

8-26-85
DATE

Steve Camp
11/10/2023
DISTRICT WELL INSPECTOR

✓ IR-26
Obverse

INSPECTOR'S PERMIT SUMMARY FORM
DEPARTMENT OF ENERGY
OIL AND GAS

8-13-85

WELL TYPE _____ API# 47- 33 - 3241
ELEVATION 1362 OPERATOR Stonewall Gas
DISTRICT Union MAY 30 1986 TELEPHONE _____
QUADRANGLE _____ FARM S. Perkins
COUNTY Harr. WELL # Wade 2 302 S

SURFACE OWNER _____ COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____
DATE STARTED _____ NOTIFIED DRILLING COMMENCED 1-13-86
LOCATION 1-4-86

WATER DEPTHS 50, _____, _____, _____
COAL DEPTHS _____, _____, _____, _____

SWJ 23

CASING
Ran 103 feet of 1 3/4 "pipe on 1-13-86 with 60 ^{sx.} H. fill up
Ran 1295 feet of 8 3/8 "pipe on 1-15-86 with 300 ^{sx.} H. fill up
Ran 4753 feet of 4 1/2 "pipe on 1-19-86 with 510 ^{sx.} H. fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
TD 4800 feet on 1-19-86

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

X

API# 47 33 -3241

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	1-6-86		inspect const.	
2	1-8		"	rigging up
3	1-15		"	3 5/8
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

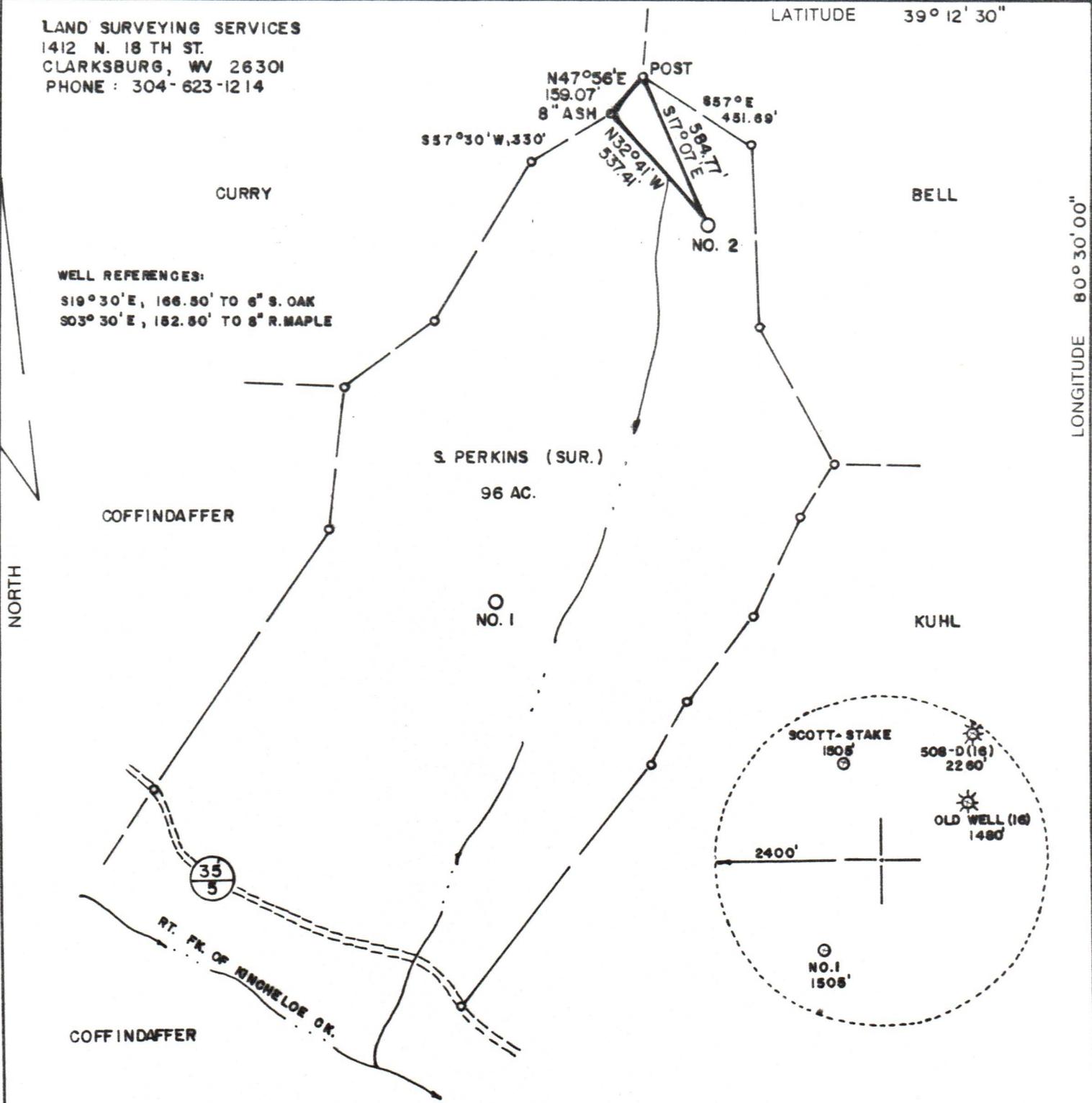
Notes

777N 8-6-85

3060'

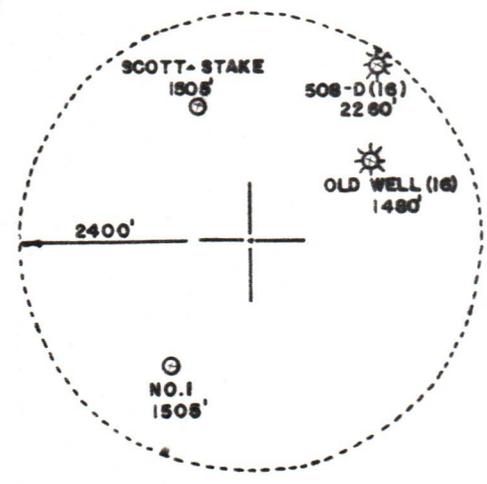
LAND SURVEYING SERVICES
1412 N. 18 TH ST.
CLARKSBURG, WV 26301
PHONE : 304-623-1214

LATITUDE 39° 12' 30"



WELL REFERENCES:
S19°30'E, 166.50' TO 6" S. OAK
S03°30'E, 152.50' TO 6" R. MAPLE

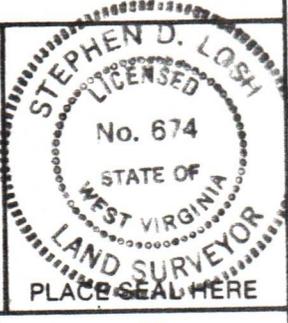
S. PERKINS (SUR.)
96 AC.



(+) 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 RD. INTER. 2800' S.W. OF LOCATION ELEV. 1046'

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. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JULY 10, 19 85
 OPERATOR'S WELL NO. WADE NO. 2
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X

LOCATION: ELEVATION 1362' WATERSHED RIGHT FORK OF KINCHELOE CREEK
 DISTRICT UNION COUNTY HARRISON
 QUADRANGLE BIG ISAAC 7.5 min.

SURFACE OWNER STEPHEN PERKINS ACREAGE 96
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
 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) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5700'
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD
 ADDRESS P.O. DRAWER R ADDRESS P.O. DRAWER R
JANE LEW, WV 26378 JANE LEW, WV 26378

11/10/2023

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

COUNTY NAME
PERMIT