



FILE NO. W-UDI 1-9
 DRAWING NO. 18-02-2 VAR 3-45
 SCALE 1" = 300'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION USC:69 BENCHMARK 2570' ± SW OF LOCATION. PL. 947'

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 M Howard
 R.P.E. _____ L.L.S. 706

PLACE SEAL HERE

(-) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE August 13, 1981
 OPERATOR'S WELL NO. 945
 API WELL NO. _____
47 - 017 - 3046
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 918' WATER SHED MEATHOUSE FORK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 7.5' Radius 15' NE
 SURFACE OWNER CLARENCE & VIOLET TRENT ACREAGE 68
 OIL & GAS ROYALTY OWNER JOHN A. STATLER ET AL LEASE ACREAGE 68
 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 5500'
 WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT R. DENNIS XANDER
 ADDRESS P.O. Box 225 ADDRESS P.O. Box 225
CLARKSBURG, WV 26302 CLARKSBURG, WV 26302

SEP 28 1981

IV-35
(Rev 8-81)

MAILED
SEP 29 1982



Oil & Gas Division
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date Sept. 22, 1982
Operator's _____
Well No. 94-S
Farm J. A. Statler #2
API No. 47 - 017 - 3046

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: 918 Watershed Meathouse Fork
District: Greenbrier County Doddridge Quadrangle Big Isaac

COMPANY Stonewall Gas Company

ADDRESS P.O. Drawer F, Buckhannon, WV

DESIGNATED AGENT Charles W. Canfield

ADDRESS P.O. Drawer F, Buckhannon, WV

SURFACE OWNER Clarence & Violet Trent

ADDRESS Route 2, Salem WV 26426

MINERAL RIGHTS OWNER See Attached

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Steve

Casey ADDRESS Jane Lew, WV

PERMIT ISSUED Renewed 05/18/82

DRILLING COMMENCED 7-16-82

DRILLING COMPLETED 7-23-82

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.	19	----	----
11 3/4	125	125	None
9 5/8			
8 5/8	1563	1563	To Surface
7			
5 1/2			
4 1/2		4846.20'	460 Skts
3			(2600-4856)
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson-Elk Depth 4900 feet

Depth of completed well 5265 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 85, 166 feet; Salt 316 feet

Coal seam depths: 485 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson Pay zone depth 4739-4748 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow ----- Bbl/d

Final open flow 73 Mcf/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1250 psig (surface measurement) after 336 hours shut in

(If applicable due to multiple completion--)

Second producing formation Balltown-Speechly Pay zone depth 3167-3590 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow ----- Bbl/d

Final open flow 73 Mcf/d Oil: Final open flow ----- Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1250 psig (surface measurement) after 336 hours shut in

OCT 18 1982

(Continue on reverse side)

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

FORM	SAND	FLUID	ISIP	PERF	HOLES
Benson	45,000	400 BBLs	1700#	4739-4748	12
Balltown Speechly	65,000	600 BBLs	1400	3167-3590	12

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Quick Sand	br	s	0	20	
Sand	w	h	20	53	
Red Shale	rd	s	53	78	
Sand	w	h	78	160	3" stream water at 85'
Sand & Sh.	gr	s	160	210	Damp at 166'
Shale	rd	s	210	235	
Shale	gr	s	235	250	
Sand	w	h	250	265	
Shale	rd & gr	s	265	485	
Coal	bl	s	485	488	Coal 485' - 488'
Shale	rd & gr	s	488	1105	
Sand	w	h	1105	1135	✓ Gas at 2017 No Show
Sdy Shale	gr & br	m	1135	1670	✓ Gas at 2703 60/10 1" water
Shale	rd	s	1670	1720	✓ Gas at 3047 10/10 2" water
Sand	w	h	1720	1745	✓ Gas at 3511 10/10 2" water
Shale	rd & gr	s	1745	1835	✓ Gas at 4006 8/10 2" water
Big Lime	gr	h	-1835	1885	✓ Gas at 4719 8/10 2" water
Injun	w	h	1885	1985	✓ Gas at 5027 10/10 2" water
Shale	gr	s	1985	2430	✓ Gas TD 60/10 1" water
Sand	w	h	2430	2575	Show Gas at 2510
Shale	gr	s	2575	4735	
Benson	br	m	-4735	4775	Show gas at 4745
Shale	gr	s	4775	5015	
Elk Alexander	br	s	5015	5125	
Shale	gr	s	5125	5265	
TD Alexander				<u>5265</u>	

(Attach separate sheets as necessary)

STONEWALL GAS COMPANY

Well Operator

By: Charles W. Casfield

Date: SEP 24 1982

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."

WELL # 94-S
WELL NAME John A. Statler #2
PROGRAM 82-1

DATE 09/21/82
BY CAC

17-3046
- ROYALTY DISTRIBUTION -

SOCIAL SECURITY #	NAME	PERCENTAGE
<u>236-03-3617</u>	<u>John A. Statler, Agent</u> <u>Route 1, Box 36-A</u> <u>Pennsboro, WV 26415</u>	<u>.06250</u>
<u>55-6025047</u>	<u>The Parkersburg National Bank, Trustee</u> <u>under will of C. S. Despard Jr.</u> <u>Parkersburg, WV 26101</u>	<u>.0133094</u>
<u>233-50-8521</u>	<u>Mary Bukey Welch</u> <u>3 Edgewood Drive</u> <u>Parkersburg, WV 26101</u>	<u>.0133094</u>
	<u>J. Cecil Jarvis, individually, and as</u> <u>trustee and attorney-in-fact for</u> <u>Despard heirs</u> <u>Empire Bank Building</u> <u>Clarksburg, WV 26301</u>	<u>.0185168</u>
<u>526-10-5048</u>	<u>George Marthens</u> <u>5021 Baltan Road</u> <u>Bethesda, MD 20816</u>	<u>.0043411</u>
<u>62-6108203</u>	<u>The Park National Bank of Knoxville, TN</u> <u>as Trustee under will of Louise Goff Reece</u> <u>P. O. Box 511, Knoxville, TN 37901</u>	<u>.0043411</u>
<u>235-44-3888</u>	<u>H. Dotson Cather</u> <u>163 East Main Street</u> <u>Clarksburg, WV 26301</u>	<u>.0043411</u>
	<u>Laura Goff Davis</u> <u>P. O. Box 707</u> <u>Clarksburg, WV 26301</u>	<u>.0043411</u>

- OVERRIDING ROYALTY -

<u>233-68-8440</u>	<u>Patrick D. Deem</u> <u>1266 Briercliff Road</u> <u>Bridgeport, WV 26330</u>	<u>.013350</u>
<u>234-10-5932</u>	<u>J. Robert Hornor</u> <u>P. O. Box 225</u> <u>Clarksburg, WV 26302-0225</u>	<u>.03500</u>
	<u>Sterling Drilling and Production Co, Inc.</u> <u>710 Virginia Street, East, Arcade Bldg.</u> <u>Charleston, WV 25301</u>	<u>.006650</u>
<u>233-66-7544</u>	<u>Clarence W. Mutschelknaus</u> <u>Route 1, Box 52</u> <u>Salem, WV 26426</u>	<u>.020000</u>

OCT 18 1982



Date: May 14, 19 82

FORM IV-2
(Obverse)
(12-81)

Operator's
Well No. Statler #2-94-S

API Well No. 47 017 3046-REN
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: 918' Watershed: Meathouse Fork
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7.5'

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

OIL & GAS ROYALTY OWNER (SEE ATTACHED SHEET) COAL OPERATOR Virginia Tetrick
Address Address Union National Center
 Clarksburg, WV 26301

ACREAGE 68 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Clarence & Violet Trent Name
Address Route 2 Address
Salem, WV 26426
ACREAGE 68 Name

RECEIVED
MAY 18 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

FIELD SALE (IF MADE) TO:
Address Unknown

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Stephen L. Casey Address
Address Jane Lew, WV
884-7470

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 3, 19 81, to the undersigned well operator from Eastern Energy
Resources and subsequently assigned to the undersigned well operator.
(If said deed, lease, or other contract has been recorded:)

Recorded on May 7, 19 81, in the office of the Clerk of the County Commission of Doddridge County, West
Va., in Deed Book 120 at page 349. 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 COMMIS-
SION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

STONEWALL GAS COMPANY
By Well Operator
Charles W. Canfield
Its Production Supervisor

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, Alexander

Estimated depth of completed well, 5500 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 22100 feet; salt, _____ feet.

Approximate coal seam depths: 445 Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	11 3/4	K55			X	130'	130'	CTS	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8	J55		X		1031'	1031'	140 sacks	
Production	4 1/2	ERW		X		5500'	5500'	to surface	Depths set
Tubing								550 SKS or as req. by Rule 15.0P	
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 renewed 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 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: _____, 19____

By _____
Its _____

FORM IV-2
(Reverse)
(08-78)



Date: August 20, 19 81

Operator's Well No. 94-S

API Well No. 47 - 017 - 3046

State County Permit

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

OIL AND GAS WELL PERMIT

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

LOCATION: Elevation: 918 Watershed: Meathouse Fork
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7.5'

WELL OPERATOR Stonewall Gas Company DESIGNATED AGENT R. Dennis Xander
Address P. O. Box 225 Address P. O. Box 225
Clarksburg, WV 26302-0225 Clarksburg, WV 26302-0225

OIL & GAS ROYALTY OWNER (SEE ATTACHED SHEET) COAL OPERATOR Virginia Tetrick
Address Address Union National Center
Clarksburg, WV 26301

ACREAGE 68 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Clarence & Violet Trent Name
Address Route 2 Address
Salem, WV 26426 Name
Address

FIELD SALE (IF MADE) TO: Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name
Address Stephen L. Casey Address
Jane Lew, WV
884-7470

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X
under contract / dated March 3, 1981, to the undersigned well operator from Eastern Energy
Resources and subsequently assigned to the undersigned well operator.
(If said deed, lease, or other contract has been recorded.)
Recorded on May 7, 1981, in the office of the Clerk of the County Commission of Doddridge County, West
Virginia in Deed Book 120 at page 349. 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 COMMISS-
ION
205 WEST STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

STONEWALL GAS COMPANY
R. Dennis Xander
Well Operator
By R. Dennis Xander
Its Manager

RECEIVED
AUG 27 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

PROPOSED WORK ORDER

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

DRIILLING CONTRACTOR (IF KNOWN) _____
Address _____

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5500 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 22 feet; salt, --- feet.

Approximate coal seam depths: 445 Is coal being mined in the area? Yes _____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	11 3/4	K55			X	33'			Kinds
Fresh Water									
Shal	8 5/8	J55		X		1031'	1031'	140 sacks <i>CTB</i> sizes	
Intermediate									
Production	4 1/2	ERW		X		5500'	5500'	to surface	Depths set
Tubing									
Packers									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 5-16-82

Fred Rudelt
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.

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: _____, 19____ By _____
Its _____

OIL AND GAS OWNERS

Mary Bukey Welch, et. als.
3 Edgewood Drive
Parkersburg, WV 26101

John A. Statler
Route 1, Box 36-A
Pennsboro, WV 26415

Genevieve Rapp
304 Rosemont Avenue
Clarksburg, WV 26301