

WELL REFERENCES:
 S52°W, 140.5' TO 6" PERSIMMON
 S85°E, 132' TO 6" APPLE TREE

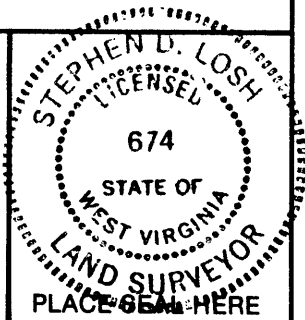
0.10 S
 2.32 W

(+) 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 INT. 2050' NW. OF LOC. AT ELEV. 1207'

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 ENERGY.

(SIGNED) [Signature]
 R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE JAN. 23, 19 91
 OPERATOR'S WELL NO. WALTER NO. 1
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1254' WATER SHED LAURA RUN
 DISTRICT ELLSWORTH 2 COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5' WINDY HOLE
 SURFACE OWNER CLAUDIA MYERS ACREAGE 94.25
 OIL & GAS ROYALTY OWNER CLAUDIA MYERS LEASE ACREAGE 94.25
 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) _____

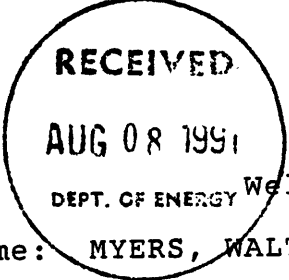
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BENSON ESTIMATED DEPTH 5300'
 WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT JESSE SHELL
 ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

MAY 24 1991

FORM WV-9

COUNTY NAME

PERMIT



State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: MYERS, WALTER R. Operator Well No.: WALTER 1

LOCATION: Elevation: 1254.00 Quadrangle: SHIRLEY

District: ELLSWORTH County: TYLER
Latitude: 515 Feet South of 39 Deg. 30Min. 0 Sec.
Longitude 12300 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: STONEWALL GAS COMPANY
909 E. MAIN ST. P.O. BOX 1575
RICHMOND, VA 23219-1575

Agent: JESSE A. SHELL

Inspector: MIKE UNDERWOOD
Permit Issued: 05/13/91
Well work Commenced: 05/20/91
Well work Completed: 05/31/91
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5550
Fresh water depths (ft) 48'
155, 875, 1580, 1750
Salt water depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	127	127	68 SKS
8 5/8	1630	1630	430 SKS
4 1/2	2262	2262	160 SKS

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 610, 1065

OPEN FLOW DATA

Producing formation KEENER Pay zone depth (ft) 2163
Gas: Initial open flow 377 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 30 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 25 psig (surface pressure) after 168 Hours

Second producing formation MAXTON Pay zone depth (ft) 2029
Gas: Initial open flow 377 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 30 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 25 psig (surface pressure) after 168 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

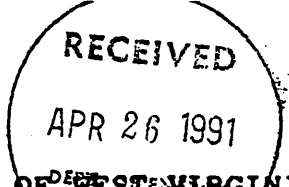
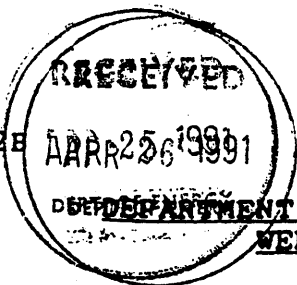
For: STONEWALL GAS COMPANY
By: [Signature] RAY M. FREAR, JR.
Date: JULY 22, 1991 PETROLEUM ENGINEER

AUG 16 1991

2 ZONES	STAGES PERFS	N2 HOLES	FRAC BBL	DATE BP	06/12/91 ISIP
KEENER	2163-2192	22	270	1700	3000
MAXTON	2029-2035	18	510	3300	1710

FORMATION	COLOR		HARD/SOFT	TOP	BOTTOM	REMARKS
RR & SHALE	BROWN	SOFT	28	28		
SAND	BROWN	SOFT	28	34		
SAND & SHALE	BROWN	SOFT	34	150		GAS CK @ 2520 60/10 2" W/W
RR	GRAY	HARD	150	165		
SAND & SHALE	GRAY	HARD	165	196		GAS CK @ 3144 80/10 2" W/W
SAND	GRAY	HARD	196	226		GAS CK @ 5165 60/10 2" W/W
RR	RED	HARD	226	270		GAS CK @ 5506 60/10 2" W/W
SAND & SHALE	GRAY	SOFT	270	310		
RR & SHALE	GRAY	SOFT	310	340		
SAND & SHALE	GRAY	SOFT	340	500		
SHALE & RR	BROWN	HARD	500	610		PLUGGED BACK TO 2262 WITH 6% GEL & CEMENT
COAL	BLACK	HARD	610	613		
SHALE & RR	BROWN	SOFT	613	1065		
COAL	BLACK	SOFT	1065	1069		
SHALE & RR	GRAY	SOFT	1069	1260		
SAND & SHALE	GRAY	HARD	1260	1700		
SAND	GRAY	HARD	1700	1750		
SAND & SHALE	BROWN	HARD	1750	2110		
L-LIME	BROWN	SOFT	2110	2160		
SAND & SHALE	BROWN	SOFT	2160	2197		
B-LIME	GRAY	HARD	2197	2263		
KEENER	GRAY	SOFT	2263	2276		
INJUN	GRAY	SOFT	2276	2397		
SAND & SHALE	BROWN	SOFT	2397	3085		
GORDON	BROWN	HARD	3085	3105		
SAND & SHALE	BROWN	HARD	3105	4990		
RILEY	GRAY	HARD	4990	5020		
SAND & SHALE	GRAY	SOFT	5020	5270		
BENSON	GRAY	SOFT	5270	5290		
SAND & SHALE	BROWN	HARD	5290	5550		
TD			5550			

12/16/91



095-1460
Issued 5/13/91
Page ... of ...
Expires 5/13/93

FORM WW-2B

APR 25 1991

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: STONEWALL GAS COMPANY 47850 (2) 606
- 2) Operator's Well Number: Walter #1 3) Elevation: 1254'
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
Deep / Shallow X /
- 5) Proposed Target Formation(s): Benson 435
- 6) Proposed Total Depth: 5550' feet
- 7) Approximate fresh water strata depths: 100', 1220', 1530' 476'
- 8) Approximate salt water depths: 1720' 1933'
- 9) Approximate coal seam depths: 1060' 403' 415' 855'-858' 606' 608'
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11 3/4"		27#	125'	125' CTS	38 CSR 18-11.3
Fresh Water						O.K. ML
Coal						
Intermediate	8 5/8"		20#	1640'	1640'	38 CSR 18.11.2.2
Production	4 1/2"		10.5#	5490'	5490'	38 CSR 18-11.1
Tubing						
Liners						

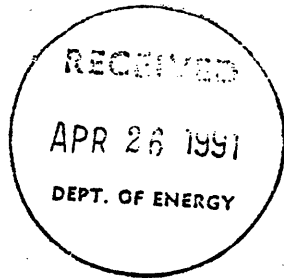
PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond C. A. Blanket Agent
 (Type)

89/21

7236



1) Date: APRIL 25, 1991
2) Operator's well number
WALTER #1 (562-S)
3) API Well No: 47 - 095 - 1460
State - County - Permit

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

- 4) Surface Owner(s) to be served:
- (a) Name WALTER R. MYERS
Address 124 SOUTH MAIN ST.
NEW MARTINSVILLE, WV 26155
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name N/A
Address _____
- (b) Coal Owner(s) with Declaration
Name SAME AS SURFACE
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name N/A
Address _____
- 6) Inspector MIKE UNDERWOOD
Address RT 2 BOX 135
SALEM, WV 26426
Telephone (304)-782-1043

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator STONEWALL GAS COMPANY
By: [Signature]
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378
Telephone 304-884-7881



Subscribed and sworn before me this 25TH day of APRIL, 19 91

[Signature] Notary Public
My commission expires MARCH 14, 2000