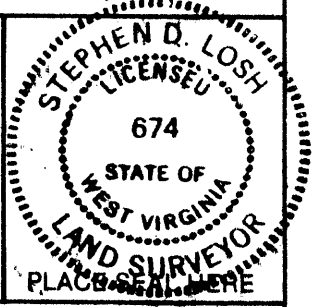


WELL REFERENCES:
 S15°W, 165' TO 4" SUGAR
 S58°W, 138' TO 11" HICKORY

(+) 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 TOP OF KNOB 1815' SW. OF LOC. AT ELEV. 1236'

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 JUNE 29, 19 90
 OPERATOR'S WELL NO. WILUE 2
 API WELL NO. 47-017-3858
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1234' WATERSHED CAMP MISTAKE RUN
 DISTRICT WEST UNION 8 COUNTY DODDRIDGE
 QUADRANGLE WEST UNION
 SURFACE OWNER GEORGE FREEMAN EST. ACREAGE 94.5
 OIL & GAS ROYALTY OWNER GEORGE FREEMAN HRS. LEASE ACREAGE 94.5
 LEASE NO. _____

PROPOSED WORK: DRILL 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 5450' b.l. Wilbur (092) OCT 15 1990
 WELL OPERATOR STONEWALL GAS CO DESIGNATED AGENT JESSE SHELL
 ADDRESS P.O. DRAWER R ADDRESS P. O. DRAWER R

7015'
 LATITUDE 39° 22' 30"
 6935'
 LONGITUDE 80° 45' 00"
 COUNTY NAME
 PERMIT

FORM WW-6

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

Well Operator's Report of Well Work

Farm name: FREEMAN, GEORGE - ESTATE Operator Well No.: WILLIE 2-485-S

LOCATION: Elevation: 1234.00 Quadrangle: WEST UNION

District: WESTUNION County: DODDRIDGE
Latitude: 6935 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 7015 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: 10/12/90
Well work Commenced: 06-29-92
Well work Completed: 07-27-92
Verbal Plugging _____
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 5400
Fresh water depths (ft) 60, 160,
220, 525
Salt water depths (ft) 1685

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 11 3/4 | 200 | 200 | 120 SKS |
| 8 5/8 | 1413 | 1413 | 372 SKS |
| 4 1/2 | 5295 | 5295 | 720 SKS |
| | | | |
| | | | |

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

OPEN FLOW DATA

Producing formation BENSON/RILEY Pay zone depth (ft) 4777
Gas: Initial open flow 47 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 823 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 1250 psig (surface pressure) after 168 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ 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: RAY M. FREAR, JR.
Date: AUGUST 25, 1992
SEP 8 1992

| 1 | STAGES | WATER | FRAC | 08-10-92 | DATE | | | |
|-------|--------|-----------|------|----------|------|------|------|------|
| ZONES | | PERFS | | HOLE | | BBL | BP | ISIP |
| ENSON | | 5212-5218 | | 18 | | | | |
| WILEY | | 4777-4779 | | 2 | 800 | 1600 | 1500 | |

| FORMATION | COLOR | | HARD/SOFT | | TOP | BOTTOM | REMARKS |
|-------------|-------|------|-----------|------|----------|----------|--------------|
| UB | BROWN | SOFT | 0 | 10 | GAS CK @ | 2176 | NO SHOW |
| LAY | GRAY | SOFT | 10 | 15 | | 2208 | NO SHOW |
| R & SHALE | RED | HARD | 15 | 35 | | 2238 | NO SHOW |
| AND | BROWN | HARD | 35 | 65 | | 2269 | NO SHOW |
| AND & SHALE | GRAY | HARD | 65 | 70 | | 2300 | NO SHOW |
| AND | BROWN | SOFT | 70 | 100 | | 2362 | NO SHOW |
| AND & SHALE | GRAY | SOFT | 100 | 133 | | 2738 | 20/10 1" W/W |
| AND & RR | RED | HARD | 133 | 141 | | 2954 | 18/10 1" W/W |
| AND & SHALE | GRAY | HARD | 141 | 220 | | 3326 | 20/10 1" W/W |
| AND | BROWN | SOFT | 220 | 265 | | 4633 | 20/10 1" W/W |
| AND & SHALE | GRAY | SOFT | 265 | 310 | | 4820 | 20/10 1" W/W |
| R | RED | HARD | 310 | 325 | | 5258 | 1" W/W |
| AND | BROWN | HARD | 325 | 385 | | TD 10/10 | 1" W/W |
| R & SHALE | GRAY | HAD | 385 | 470 | | | |
| AND & SHALE | GRAY | SOFT | 470 | 520 | | | |
| AND | BROWN | SOFT | 520 | 752 | | | |
| HALE & RR | GRAY | SOFT | 752 | 800 | | | |
| AND | GRAY | SOFT | 800 | 943 | | | |
| HALE | GRAY | HARD | 943 | 975 | | | |
| AND | BROWN | HARD | 975 | 1065 | | | |
| AND & SHALE | GRAY | HARD | 1065 | 1087 | | | |
| R & SHALE | GRAY | HARD | 1087 | 1121 | | | |
| AND | GRAY | SOFT | 1121 | 1222 | | | |
| HALE | GRAY | HARD | 1222 | 1243 | | | |
| ED ROCK | RED | SOFT | 1243 | 1251 | | | |
| AND & SHALE | BROWN | SOFT | 1251 | 1295 | | | |
| ED ROCK | RED | SOFT | 1295 | 1308 | | | |
| AND & SHALE | GRAY | HARD | 1308 | 2108 | | | |
| -LIME | GRAY | HARD | 2108 | 2121 | | | |
| AND & SHALE | GRAY | SOFT | 2121 | 2141 | | | |
| -LIME | GRAY | SOFT | 2141 | 2231 | | | |
| NJUN | BROWN | HARD | 2231 | 2335 | | | |
| AND & SHALE | GRAY | HARD | 2335 | 2383 | | | |
| ORDON | GRAY | SOFT | 2893 | 2920 | | | |
| AND & SHALE | GRAY | SOFT | 2920 | 4755 | | | |
| WILEY | GRAY | HARD | 4755 | 4762 | | | |
| AND & SHALE | BROWN | HARD | 4762 | 5208 | | | |
| ENSON | BROWN | SOFT | 5208 | 5235 | | | |
| AND & SHALE | BROWN | SOFT | 5235 | 5400 | | | |
| D | | | | 5400 | | | |

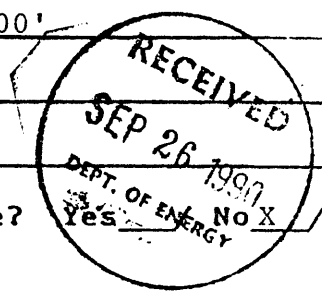
11323

Issued 10/2/90

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

Expires 10/2/92

- 1) Well Operator: 847
 STONEWALL GAS COMPANY 47850 (8) 670
- 2) Operator's Well Number: WILLIE #2 3) Elevation: 1234'
- 4) Well type: (a) Oil or Gas /
 (b) If Gas: Production / Underground Storage
 Deep / Shallow
- 5) Proposed Target Formation(s): BENSON 435
- 6) Proposed Total Depth: 5400' feet
- 7) Approximate fresh water strata depths: 50', 180', 300'
- 8) Approximate salt water depths: 2130'
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes
- 11) Proposed Well Work: DRILL & STIMULATE NEW WELL
- 12)



CASING AND TUBING PROGRAM

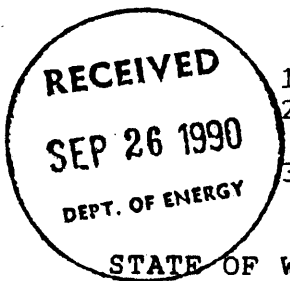
| TYPE | SPECIFICATIONS | | FOOTAGE INTERVALS | | | CEMENT |
|--------------|----------------|-------|-------------------|--------------|--------------|------------------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | Fill-up (cu. ft.) |
| Conductor | 11 3/4" | | 32# | 130' | 130' CTS | 38CSR18-11.3 |
| Fresh Water | | | | 170' | 170' | o.k. mu |
| Coal | | | | | | 38CSR18-11.3 38CSR18-11.2 |
| Intermediate | 8 5/8" | | 20# | 1400' | 1400' CTS | 38CSR18-11.2.2 |
| Production | 4 1/2" | | 10.5# | 5300' | 5300' | 38CSR18-11.1 |
| 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 4 WW-9 4 WW-2B 4 Bond C.D. Blanket Agent _____

973
27



1) Date: JULY 10, 1990
2) Operator's well number
WILLIE #2 485-S
3) API Well No: 47 - 017 - 3858
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|---|
| <p>4) surface Owner(s) to be served: (a) Name <u>GEORGE FREEMAN EST.</u> Address <u>C/O GLENN VORE</u> <u>4845 CHANDLERSVILLE RD.</u> (b) Name <u>CHANDLERSVILLE, OH 43727</u> Address _____ (c) Name _____ Address _____</p> | <p>5) (a) Coal Operator: Name <u>N/A</u> Address _____ (b) Coal Owner(s) with Declaration Name <u>SAME AS SURFACE & ANDREW FREEMAN</u> Address <u>HRS., C/O EDITH SMITH WHITE</u> <u>701 MARYLAND AVE., FAIRMONT, WV</u> Name <u>CHARLES FREEMAN C/O ALICE M. COX</u> Address <u>RT 1, BOX 13 PULLMAN, WV</u> <u>26421</u> (c) Coal Lessee with Declaration Name <u>N/A</u> Address _____</p> |
| <p>6) Inspector <u>MIKE UNDERWOOD</u> Address <u>RT 2, BOX 135</u> <u>SALEM, WV 26426</u> Telephone (304)- <u>782-1043</u></p> | |

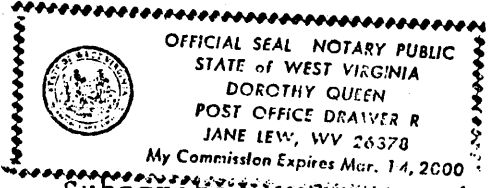
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ 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 10TH day of JULY, 1990

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