

*Janie*  
*6/17/91*

BIBLE

FENTON

LATITUDE 39° 25' 00"

CUMBERLEDGE

BIBLE

S73°E  
302.45'

N45°E  
577.50'

5/8" IRON REBAR

S01°22'W, 260.94'

N11°39'W, 405.51'

CLARENCE DILLON, ET AL.  
145.12 AC.

NO. 2

S32°53'E  
162.31'

5/8" IRON REBAR

N17°09'W,  
328.80'

(19.96 AC.)

LONGITUDE 80° 47' 30"



NORTH

STACK

NO. 1

*2.24 S*  
*0.67 W*

BODE

7.5'

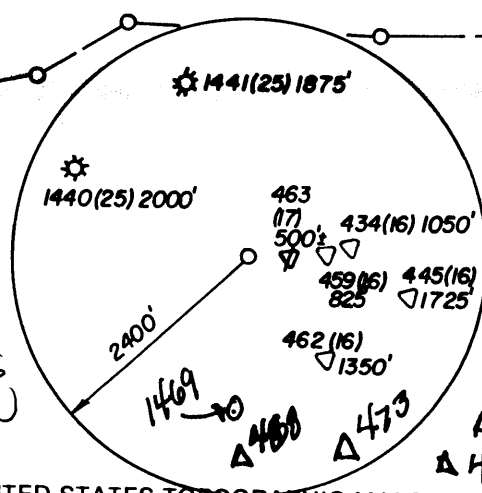
WEEKLEY

★ 1441(25) 1875'

★ 1440(25) 2000'

WELL REFERENCES:  
S57°E, 107' TO 14" VIRGINIA PINE  
N52°E, 96' TO 10" WHITE OAK

*2.24 S*  
*2.90 W*



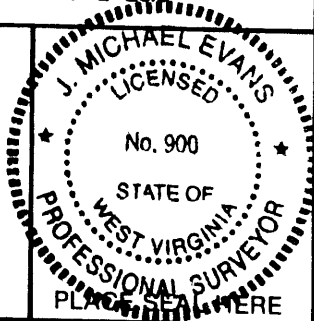
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LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018

(+) 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. INT. 2825' EAST AT ELEV. 822'

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) J. Michael Evans  
R.P.E. \_\_\_\_\_ L.L.S. NO. 900  
MICHAEL EVANS



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE MAY 1, 19 91  
OPERATOR'S WELL NO. DILLON 2  
API WELL NO. \_\_\_\_\_

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

LOCATION: ELEVATION 1062' WATERSHED JEFFERSON RUN  
DISTRICT McELROY 5 COUNTY TYLER  
QUADRANGLE SHIRLEY W. Union EC

SURFACE OWNER CLARENCE DILLON ACREAGE 119.11  
OIL & GAS ROYALTY OWNER CLARENCE DILLON, ET AL. LEASE ACREAGE 145.12  
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 5200'

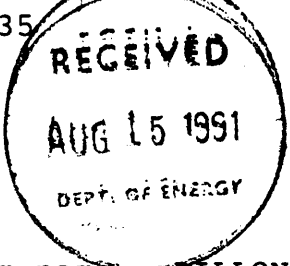
WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT JESSE SHELL  
ADDRESS P.O. DRAWER R ADDRESS P.O. DRAWER R  
JANE LEW, WV 26378-0080 847 JANE LEW, WV 26378-0080

COUNTY NAME

PERMIT

JUN 25 1991

FORM WV-8



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

Well Operator's Report of Well Work

Farm name: DILLON, GENE & SHIRLEY Operator Well No.: DILLON #2 595-S

LOCATION: Elevation: 1062.00 Quadrangle: SHIRLEY

District: MCELROY County: TYLER  
Latitude: 11700 Feet South of 39 Deg. 25Min. 0 Sec.  
Longitude 3550 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: STONEWALL GAS COMPANY  
909 E. MAIN ST. P.O. BOX 1575  
RICHMOND, VA 23213-0000

Agent: JESSE A. SHELL

Inspector: MIKE UNDERWOOD  
Permit Issued: 06/19/91  
Well work Commenced: 06-20-91  
Well work Completed: 07-10-91  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5180  
Fresh water depths (ft) 50, 395

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	127	127	65 SKS
8 5/8	1016	1016	225 SKS
4 1/2	5133	5133	690 SKS

Salt water depths (ft) \_\_\_\_\_

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): NONE REPORTED

OPEN FLOW DATA

Producing formation BENSON/RILEY Pay zone depth (ft) 4576  
Gas: Initial open flow 239 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1391 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 1 Hours  
Static rock Pressure 1500 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: [Signature] RAY M. FREAR, JR.  
Date: AUGUST 13, 91 PETROLEUM ENGINEER

AUG 16 1991

1	STAGES	WATER	FRAC	07/18/91	DATE		
ZONES	PERFS	HOLES	BBL	BP	ISIP		

BENSON/RILEY	4586-4612	6	800	1900	1630		
	5003-5007	12					

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
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R. ROCK	RED	HARD	0	10	
SAND	BROWN	SOFT	10	30	GAS CK 1925 NO SHOW
SHALE & RR	GRAY	HARD	30	80	2019 NO SHOW
SAND	BROWN	SOFT	80	100	
RR & SHALE	BROWN	SOFT	100	140	2050 24/10 2" W/W
SANDY SHALE	BROWN	HARD	140	660	2082 24/10 2" W/W
SAND	GRAY	HARD	660	720	2114 70/10 2" W/W
SANDY SHALE	GRAY	HARD	720	910	2144 66/10 2" W/W
R. ROCK	RED	SOFT	910	1040	
SANDY SHALE	GRAY	SOFT	1040	1658	2831 40/10 2" W/W
SAND	BROWN	SOFT	1658	1700	3797 38/10 2" W/W
SANDY SHALE	GRAY	HARD	1700	1892	
L. LIME	GRAY	HARD	1892	1908	4262 32/10 2" W/W
SANDY SHALE	BROWN	SOFT	1908	1925	
B. LIME	GRAY	SOFT	1925	1995	
SAND	GRAY	HARD	1995	2140	
SANDY SHALE	BROWN	HARD	2140	2995	
SAND	GRAY	HARD	2995	3020	
SANDY SHALE	GRAY	SOFT	3020	3415	
SAND	GRAY	SOFT	3415	3435	
SANDY SHALE	GRAY	SOFT	3435	4525	
SAND	BROWN	HARD	4525	4590	
SANDY SHALE	GRAY	HARD	4590	4985	
SAND	GRAY	HARD	4985	5025	
SANDY SHALE	GRAY	SOFT	5025	5180	
TD			5180		

1 2369

RECEIVED

FORM WW-2B

JUN 06 1991

095-1472  
Issued 06/19/91  
Page of  
Expires 06/19/93

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

- 1) Well Operator: STONEWALL GAS COMPANY <sup>847</sup> 47850 (S) 606
- 2) Operator's Well Number: DILLON #2 (595-S) 3) Elevation: 1062'
- 4) Well type: (a) Oil   / or Gas X/  
(b) If Gas: Production X/ Underground Storage   /  
Deep   / Shallow X/
- 5) Proposed Target Formation(s): 435  
BENSON
- 6) Proposed Total Depth: 5180' feet
- 7) Approximate fresh water strata depths: 60', 360'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes   / No X/
- 11) Proposed Well Work: DRILL AND STIMULATE NEW WELL
- 12)

CASING AND TUBING PROGRAM

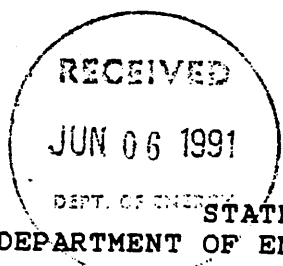
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4"		27#	130'	130'	CSR 38 18-11.1
Fresh Water				38 CSR 18 11.3		O.K. M4
Coal				38 CSR 18 11.2.2		
Intermediate	8 5/8"		20#	1000'	1000'	CSR 38 18-11.2.2
Production	4 1/2"	J-55	10.5#	5120'	5120'	CSR 38 18-11.3
Tubing						
Liners				38 CSR 18 11.1		

12373

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

7-274  
1-16  
Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-28  Bond  Blanket  Agent



1) Date: JUNE 4, 1991  
2) Operator's well number  
DILLON #2 595-S  
3) API Well No: 47 - 095 - \_\_\_\_\_  
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 GENE & SHIRLEY DILLON  
Address BOX 33  
WILBUR, WV 26459  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector MIKE UNDERWOOD  
Address RT 2 BOX 135  
SALEM, WV 26426  
Telephone (304)-782-1043

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 \_\_\_\_\_

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

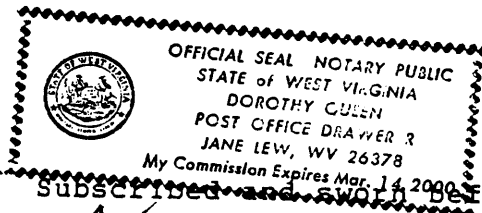
\_\_\_\_\_ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
X Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

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: Bj A. Harty  
Its: PRESIDENT  
Address PO DRAWER R  
JANE LEW, WV 26378  
Telephone 304-884-7881



Subscribed and sworn to before me this 4TH day of JUNE, 1991  
Dorothy Queen Notary Public  
My commission expires MARCH 14, 2000