

5475'

LATITUDE 39° 22' 30"

Jessie Shell
7/14/91

McKINNEY

HAUGHT

7.5'

0.425
1.02W

CLINE

BRUCE STONEKING
69.44 AC. SURF.

YOKUM

HILL

LONGITUDE 80° 47' 30"

S50°W, 907.50'

N80°W, 957'

N80°56'E, 1563.28'

N10°06'E, 155.83'

S75°42'W, 1621.23'
(TIE LINE, NOT P_L)

STONEKING I

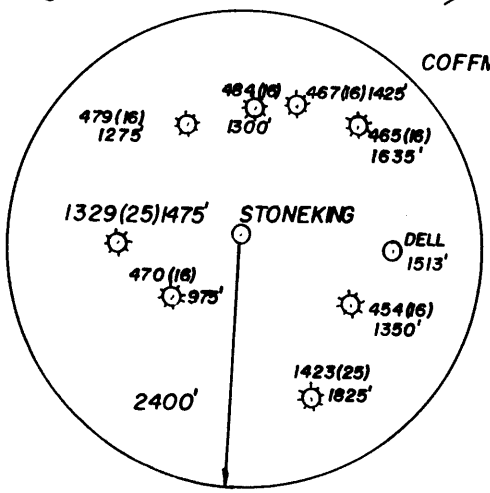
SET STONE WITH "Y"

CUMBERLEDGE

S87°E
900'+-

PETERS

COFFMAN



WELL REFERENCES:

S10°W, 156' TO 16" BL. WALNUT
N80°E, 129' TO 8" ST. GATE POST (HINGED)

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

3.30 S
3.25 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 TOP OF KNOB 156' S. OF LOC. AT ELEV. 1208'

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) _____

R.P.E. _____ L.L.S. NO. 674
 STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MAY 10, 19 91
 OPERATOR'S WELL NO. STONEKING I
 API WELL NO. _____

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

LOCATION: ELEVATION 1182' WATERSHED CAMP MISTAKE RUN
 DISTRICT McELROY S COUNTY TYLER
 QUADRANGLE WEST UNION EC

SURFACE OWNER BRUCE STONEKING ACREAGE 69.44
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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. 247 DESIGNATED AGENT JESSE SHELL
 ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R
 JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

JUL 16 1991

64 Wilbur (092)

COUNTY NAME
PERMIT

FORM WW-8

RECEIVED
WV Division of
Environmental Protection

JUL 08 92

Permitting
Office of Oil & Gas

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

08-Jul-91
API # 47-95-01475

Reviewed TMG
Recorded _____

Well Operator's Report of Well Work

Farm name: STONEKING, L BRUCE Operator Well No.: STONE 1 600 S.
STONEKING #1

LOCATION: Elevation: 1182.00 Quadrangle: WEST UNION

District: MCELROY County: TYLER
Latitude: 2215 Feet South of 39 Des. 22Min. 30 Sec.
Longitude 5475 Feet West of 80 Des. 47 Min. 30 Sec.

Company: STONEWALL GAS COMPANY

909 E. MAIN ST. P.O. BOX 15751
RICHMOND, VA 23213-0000

Agent: JESSE A. SHELL

Inspector: MIKE UNDERWOOD

Permit Issued: 07/10/91

Well work Commenced: 05-06-92

Well work Completed: 05-29-92

Verbal Flushing

Permission granted on: _____

Rotary Cable _____ Ris _____

Total Depth (feet) 5284

Fresh water depths (ft) 170, 410

_____ (ft) 1026

Is coal being mined in area (Y/N)? N

Coal Depths (ft): N/R

Casings & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	127	127	75 SKS
8 5/8	1088	1088	285 SKS
4 1/2	5228	5228	780 SKS

OPEN FLOW DATA

Producing formation BENSON/RILEY Pay zone depth (ft) 5090
Gas: Initial open flow * MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 984 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hours
Static rock Pressure 1425 psis (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 _____ psis (surface pressure) after _____ Hours

*UNABLE TO DETERMINE DUE TO OPEN FLOW FROM STORAGE SAND

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]
Date: JUNE 30, 1992

RAY M. FREAR, JR.
PETROLEUM ENGINEER

STAGES	1	FRAC	WATER	DATE	06-04-92	
ZONES	PERFS	HOLES	BBL	BP	ISIP	
BENSON/RILEY	4666	2				
	5090-5099	16	700	2250	1500	

FORMATION	COLOR	HARD	SOFT	TOP	BOTTOM	REMARKS
SUB	BROWN	SOFT	0	10		
SAND	WHITE	SOFT	10	15		
RR	RED	SOFT	15	35		
SHALE & RR	GRAY	MED	35	92		
SAND	BROWN	SOFT	92	172	2833	4/10 7" W/W
SANDY SHALE	GRAY	SOFT	172	190	2957	30/10 2" W/M
SAND	BROWN	MED	190	225	3390	30/10 2" W/M
RR & SHALE	RED	HARD	225	625		
SAND & SHALE	GRAY	HARD	625	775	4570	30/10 2" W/M
SAND	GRAY	HARD	775	804	5036	30/10 2" W/M
SAND & SHALE	GRAY	MED	804	871		
SHALE & RR	BROWN	MED	871	1120	5191	30/10 2" W/M
SAND & SHALE	BROWN	SOFT	1120	1310		
RR & SHALE	RED	SOFT	1310	1740		
SAND	GRAY	SOFT	1740	1770		
SAND & SHALE	GRAY	MED	1770	1875		
SAND	BROWN	MED	1875	1920		
SAND & SHALE	BROWN	HARD	1900	1989		
LITTLE LIME	GRAY	SOFT	1989	2025		
BIG LIME	GRAY	SOFT	2025	2100		
KEENER	BROWN	SOFT	2100	2106		
INJUN	GRAY	HARD	2106	2265		
SANDY SHALE	GRAY	HARD	2265	4030		
SANDY SHALE	BROWN	HARD	4030	4640		
RILEY	GRAY	SOFT	4640	4655		
SAND & SHALE	GRAY	SOFT	4655	5095		
BENSON	GRAY	SOFT	5095	5150		
SHALE	GRAY	HARD	5150	5284		
TD			5284			

hsh 21

095-1475
 Issued 07/10/91
 Page of
 Expires 07/10/93

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

- 1) Well Operator: ⁸⁴⁷ STONEWALL GAS COMPANY 47850 (5) 670
- 2) Operator's Well Number: STONEKING #1 (600-S) 3) Elevation: 1182'
- 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: 5280' feet
- 7) Approximate fresh water strata depths: 60', 240', 330', and 1030'
- 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
Conductor	11 3/4"		27#	130'	130'	CSR 38 18-11.1
Fresh Water						<i>[Signature]</i>
Coal						
Intermediate	8 5/8"		20#	1080'	1080'	CSR 38 18-11.2.2
Production	4 1/2"	J-55	10.5#	5220'	5220'	CSR 38 18-11.3
Tubing						
Liners						

RECEIVED
 Oil Energy

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

7293
18

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-28 Bond *Blanket Over* Agent

1) Date: JUNE 19, 1991
2) Operator's well number
STONEKING #1 (600-S)
3) API Well No: 47 - 095 - 1475
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

RECEIVED
Division of Energy

JUN 24 91
Permitting
Oil and Gas Section

4) Surface Owner(s) to be served:
(a) Name L. BRUCE STONEKING
Address RT 1 BOX 304BB
ELKINS, WV 26241
(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 A.S. KEYS HEIRS C/O KAREN
BROWN, PO BOX 465, MIDDLEBOURNE, WV
Name 26149
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
y 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 19TH day of JUNE, 19 91

[Signature]
My commission expires MARCH 14, 2000

OFFICIAL SEAL NOTARY PUBLIC
STATE OF WEST VIRGINIA
DOROTHY QUEEN
POST OFFICE DRAWER R
JANE LEW, WV 26378
My Commission Expires Mar. 14, 2000