

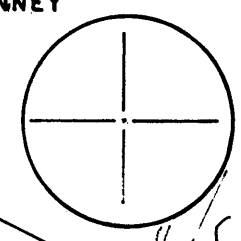
6810'

LATITUDE 39°22'30"

3925

Janice 8/30/89

McKINNEY



0.43
1:29

478(16)
2180'

479(19)
1350'

484(19) 487(19)
2080' 2340'

1272(25)
2400'

1273(25)
1519'

NO. 1 2400'
470(19)
850'

461(19)
1470'

471(19)
2000'

460(19)
2310'

SMITH

A. KEYS
42 AC.

NO. 2
1510' W

3.31
3.53

LAMBERT

TIE LINES:

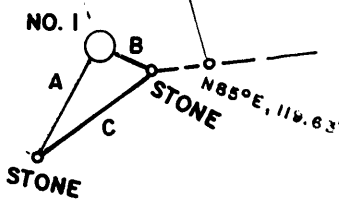
A - N29°16'E, 262.13'

B - S65°35'E, 120.19'

C - S53°00'W, 297.47'

1512.1'

N57°W
610.50'



PETER

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

WELL REFERENCES:
S34°30'W, 163' TO 4" CRAB APPLE
S58°15'W, 162' TO 6" ELM

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF
ACCURACY 1 in 200
PROVEN SOURCE OF
ELEVATION TOP OF KNOB 1400' E.
OF LOCATION 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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) *[Signature]*
R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 20, 19 89
OPERATOR'S WELL NO. ADDIE NO. 1
API WELL NO.

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

LOCATION: ELEVATION 1076' WATER SHED BRANCH OF CAMP MISTAKE RUN
DISTRICT McELROY 5 COUNTY TYLER
QUADRANGLE WEST UNION 7.5 min. 671 133 415' EC

SURFACE OWNER L. B. STONEKING ACREAGE 42.86
OIL & GAS ROYALTY OWNER L.B. STONEKING LEASE ACREAGE 42

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 5350'
WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD
ADDRESS P.O. DRAWER R ADDRESS P.O. DRAWER R
JANE LEW, WV 26378 847 JANE LEW, WV 26378

6-6 wilbur (092)

2330
8045
LONGITUDE 80°47'30"

FORM WV-6
R.T. HALL 4-80-23

SEP 8 1989

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

Well Operator's Report of Well Work

Farm Name: STONEKING, L. BRUCE Operator Well No.: ADDIE #1

LOCATION: Elevation: 1076.00 Quadrangle: WEST UNION

District: MCELROY County: TYLER
 Latitude: 2330 Feet South of 39 Deg. 22Min. 30 Sec.
 Longitude 6810 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: STONEWALL GAS CO.
 P. O. BOX 1575
 RICHMOND, VA 23213-1575

Agent: JESSE A. SHELL

Inspector: GLEN P. ROBINSON
 Permit Issued: 09/08/89
 Well work Commenced: 11-17-89
 Well work Completed: 12-01-89

Verbal Plugging
 Permission granted on: _____
 Rotary X Cable _____ Rig
 Total Depth (feet) 5200
 Fresh water depths (ft) 170

Salt water depths (ft) n/a

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	132	132	80 sks
8 5/8	1331	1331	340 sks
4 1/2	5152	5152	725 sks

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 4980
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1632 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 1 Hours
 Static rock Pressure 1475 psig (surface pressure) after 168 Hours

Second producing formation RILEY Pay zone depth (ft) 4560
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1632 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 1 Hours
 Static rock Pressure 1475 psig (surface pressure) after 168 Hours

*INITIAL OPEN FLOW MASKED BY INJUN FORMATION FLOW 11,000 MCF/D

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 CO.

By: [Signature]
 Date: JANUARY 1, 1990

JAN 05 1990

STAGE FRAC 2 DATE 12/07/89

ZONES	PERFS	HOLES	BBL	SAND	BP	ISIP
ENSON	4987-4991	12	600	60,000	2610	1330
ILEY	4564-4568	12	600	60,000	2640	1486

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
RR & SAND	GREY	HARD	0	25	
SAND	BROWN	HARD	25	38	
SAND & SHALE	GREY	HARD	38	120	
RED ROCK	RED	HARD	120	132	
SAND	BROWN	SOFT	132	165	1/4 STREAM H ₂ O 170'
RED ROCK & SHALE	BROWN	HARD	154	200	
SAND	BROWN	SOFT	200	626	GAS CK @ 1899 NO SHOW
SAND & SHALE	GREY	HARD	626	800	GAS CK @ 1930 NO SHOW
SHALE & RED ROCK	GREY	HARD	800	1029	GAS CK @ 2010 50/10 7" W/MER
SAND & SHALE	GREY	HARD	1029	1061	
RED ROCK	RED	HARD	1061	1085	GAS CK @ 2054 30/10 7" W/MER
SAND	BROWN	SOFT	1085	1150	
RED ROCK	RED	HARD	1150	1175	GAS CK @ 2179 40/10 7" W/MER
SAND & SHALE	BROWN	HARD	1175	1275	
SAND	BROWN	SOFT	1275	1300	
SAND & SHALE	GREY	SOFT	1300	1870	
BIG LIME	BROWN	HARD	1870	2010	
BIG INJUN	BROWN	HARD	2010	2110	
SAND & SHALE	GREY	HARD	2110	2185	
SAND	TAN	SOFT	2285	2325	
SAND & SHALE	GREY	HARD	2325	2655	
ORDON	BROWN	HARD	2655	2690	
SAND & SHALE	GREY	HARD	2690	2835	
SAND	BROWN	SOFT	2835	2870	
SAND & SHALE	GREY	HARD	2870	3070	
SAND	GREY	SOFT	3070	3120	
SAND & SHALE	GREY	HARD	3120	3370	
SAND	BROWN	SOFT	3370	3440	
SAND & SHALE	GREY	HARD	3440	3470	
SAND	BROWN	SOFT	3470	3525	
SAND & SHALE	GREY	HARD	3525	3575	
SAND	BROWN	SOFT	3575	3600	
SAND & SHALE	GREY	MED	3600	3880	
SAND	BROWN	HARD	3880	3915	
SAND & SHALE	BROWN	HARD	3915	3950	
SAND	GREY	SOFT	3950	3980	
SAND & SHALE	BROWN	SOFT	3980	4510	
ILEY		HARD	4510	4580	
SAND & SHALE		HARD	4580	5200	

5200

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

- 1) Well Operator: STONEWALL GAS COMPANY 47850 (5) 670
- 2) Operator's Well Number: ADDIE #1 3) Elevation: 1076'
- 4) Well type: (a) Oil or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow
- 5) Proposed Target Formation(s): BENSON #35
- 6) Proposed Total Depth: 5300' feet.
- 7) Approximate fresh water strata depths: 110'
- 8) Approximate salt water depths: 1280'
- 9) Approximate coal seam depths: N/A 689-692'
- 10) Does land contain coal seams tributary to active mine? Yes / No
- 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	
<u>KPPC 8/15/89</u> Conductor	11 3/4"	ERW	42#	130'	130'	38 CSR 18-11.3
Fresh Water						
Coal						<u>38 CSR 18-11.3, 2</u>
Intermediate	8 5/8"	ERW	23#	1325'	1325'	38 CSR 18-11.3
Production	4 1/2"	ERW	10.5#	5300'	5300'	38 CSR 18-11.1
Tubing						
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

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 AUG 28 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

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

6480

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AUG 23 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1)
2)
3)

Date: AUGUST 18, 89
Operator's well number
ADDIE #1 410-S
API Well No: 47 - 095 - 1329
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 L. BRUCE STONEKING
Address RT 1, BOX 304BB
ELKINS, WV 26241
(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 _____

6) Inspector GLEN ROBINSON
Address RT 1, #6 MT PLEASANT EST.
MINERAL WELLS, WV 26150
Telephone (304)- 348-3741

(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: [Signature]
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378-0080
Telephone 304-884-7881

Subscribed and sworn before me this 18TH day of AUGUST, 19 89

[Signature]
My commission expires _____

OCTOBER 14, 1993

~~XXXXXXXXXXXX~~
COMMISSIONER