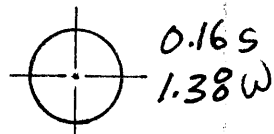


7320

LATITUDE 39°22'30"

*Janie 11/27/89*



McKINNEY

526 (19)  
1770'

480 (19)  
2280'

478 (18)  
680'

467 (19)  
2300'

479 (19)  
1180'

470 (19)  
2300'

2400' NO. 2

01272

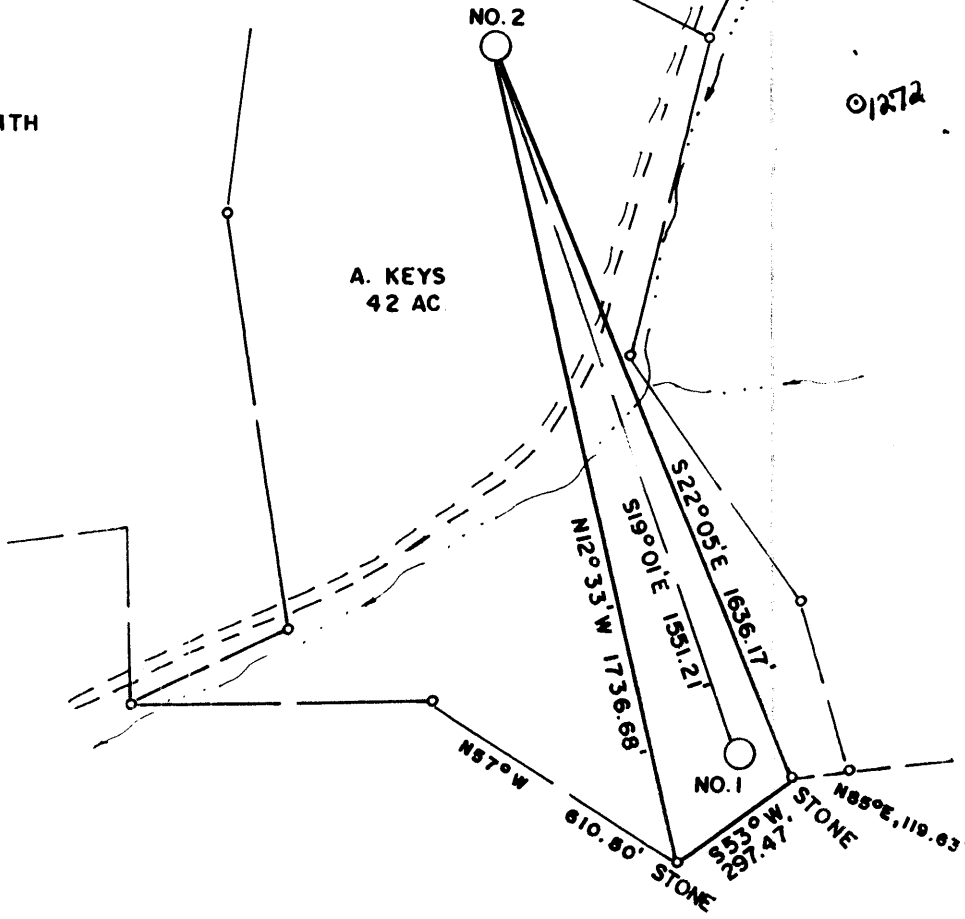
1309-0

SMITH

A. KEYS  
42 AC

LAMBERT

NORTH



PETER

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

*W Union EC  
3.04 S  
3.61 W*

WELL REFERENCES:  
N34°E, 199' TO 16" R. MAPLE  
N14°E, 212' TO 14" CHERRY

(+) 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 2400'S.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) \_\_\_\_\_

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. 2  
API WELL NO. \_\_\_\_\_

47 - 095 - 1358  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1024' WATER SHED BRANCH OF CAMP MISTAKE RUN

DISTRICT McELROY 5 COUNTY TYLER

QUADRANGLE WEST UNION 7.5 min. +15' EC

SURFACE OWNER L. B. STONEKING & H. D. LAMBERT ACREAGE 42.86

OIL & GAS ROYALTY OWNER ADDIE KEYS LEASE ACREAGE 42

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 COMPANY DESIGNATED AGENT JESSE SHELL

ADDRESS P.O. DRAWER R ADDRESS P. O. DRAWER R

JANE LEW, WV 26378 847 JANE LEW, WV 26378

*6-6 Wilbur (092)*

*DEC 08 1989*

FORM WW-6

COUNTY NAME PERMIT

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 #2

LOCATION: Elevation: 1024.00 Quadrangle: WEST UNION

District: MCELROY County: TYLER  
Latitude: 890 Feet South of 39 Deg. 22Min. 30 Sec.  
Longitude 7320 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: 12/06/89  
Well work Commenced: 12/30/89  
Well work Completed: 01/07/90  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 5100  
Fresh water depths (ft) \_\_\_\_\_  
80 & 170  
Salt water depths (ft) 875

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	128	128	80 SKS
8 5/8	1362	1362	380 SKS
4 1/2	5043	5043	722 SKS

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FEB 13 1990

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 4946  
Gas: Initial open flow \* \_\_\_\_\_ MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1338 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 1 Hours  
Static rock Pressure 1550 psig (surface pressure) after 168 Hours

Second producing formation RILEY Pay zone depth (ft) 4507  
Gas: Initial open flow \* \_\_\_\_\_ MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 1338 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 1 Hours  
Static rock Pressure 1550 psig (surface pressure) after 168 Hours

\*OPEN FLOW MASKED BY INJUN FLOWING NATURALLY

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] PETROLEUM ENGINEER  
Date: FEBRUARY 5, 1990

FEB 23 1990

095-1354

WATER	STAGE	2 DATE	01-17-90	30 # GEL					
FRAC									
BENSON	4946-4950		16 HOLES	700 BBL	70,000 # SAND	1600 BD	1600 ISIP		
RILEY	4507-4529		14 HOLES	800 BBL	80,000	1880	1700		

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
RED ROCK	RED	HARD	0	10	
SAND	BROWN	SOFT	10	25	GAS CK 1837 NO SHOW
RR & SAND	GRAY	SOFT	25	80	
SAND	GRAY	SOFT	80	105	GAS CK 1961 12/10 2" W/M
RR & SHALE	GRAY	HARD	105	140	GAS CK 1993 18/10 2" W/M
SAND	BROWN	HARD	140	190	GAS CK 2024 20/10 2" W/M
SAND & SHALE	GRAY	HARD	190	225	
SAND	GRAY	HARD	225	265	
RR	RED	HARD	265	315	GAS CK 2087 20/10 2" W/M
SAND & SHALE	GRAY	SOFT	315	345	
RR	RED	HARD	345	365	GAS CK 2705 20/10 2" W/M
SAND & SHALE	GRAY	HARD	365	430	
SAND	BROWN	SOFT	430	525	GAS CK 4561 20/10 2" W/M
SAND & SHALE	GRAY	SOFT	525	560	GAS CK TD 20/10 2" W/M
SAND	BROWN	HARD	560	650	
RR	RED	HARD	650	700	
SHALE	GRAY	HARD	700	745	
RR	RED	HARD	745	765	
SAND & SHALE	GRAY	SOFT	765	815	
RR	RED	SOFT	815	850	
SHALE	GRAY	HARD	850	885	
RR	RED	HARD	885	900	
SAND & SHALE	GRAY	SOFT	900	940	
RR	RED	SOFT	940	1025	
SAND & SHALE	GRAY	SOFT	1025	1230	
RR & SHALE	GRAY	SOFT	1230	1380	
SD & SH & RR	GRAY	HARD	1380	1490	
SHALE & SAND	BROWN	HARD	1490	1620	
SAND	BROWN	HARD	1620	1670	
SAND & SHALE	BROWN	HARD	1670	1840	
L-LIME	BROWN	HARD	1840	1855	
SAND & SHALE	GRAY	SOFT	1855	1872	
B-LIME	GRAY	SOFT	1872	1965	
INJUN	BROWN	SOFT	1965	2080	
SAND & SHALE	BROWN	SOFT	2080	2635	
GORDON	BROWN	SOFT	2635	2643	
SAND & SHALE	GRAY	HARD	2643	2930	
SAND	GRAY	HARD	2930	3010	
SAND & SHALE	GRAY	HARD	3010	4475	
RILEY	GRAY	SOFT	4475	4510	
SAND & SHALE	BROWN	SOFT	4510	4915	
BENSON	BROWN	SOFT	4915	4940	
SAND & SHALE	GRAY	SOFT	4940	5100	BENSON
TD	GRAY		5100		

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FEB 13 1990

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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 #2 3) Elevation: 1024'
- 4) Well type: (a) Oil  or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  Shallow
- 5) Proposed Target Formation(s): BENSON 485
- 6) Proposed Total Depth: 5300' feet
- 7) Approximate fresh water strata depths: 100' 258'
- 8) Approximate salt water depths: 1250'
- 9) Approximate coal seam depths: N/A 616'-619', 634'-636', 642'-645'
- 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	Fill-up (cu. ft.)
Conductor	11 3/4"	ERW	42#	130'	130'	38 CSR 18-11.3
Fresh Water						
Coal					CS	38 CSR 18-11.2.2
Intermediate	8 5/8"	ERW	23#	1300'	1300'	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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NOV 20 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-2B  Bond Blanket one  Agent

603  
29

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NOV 20 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

1) Date: NOVEMBER 15, 1989  
2) Operator's well number  
ADDIE #2 411-S  
3) API Well No: 47 - 095 - 1358  
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:<br/>         (a) Name <u>L. BRUCE STONEKING</u><br/>         Address <u>RT 1, BOX 304 BB</u><br/> <u>ELKINS, WV 26241</u><br/>         _____<br/>         (b) Name _____<br/>         Address _____<br/>         _____<br/>         (c) Name _____<br/>         Address _____<br/>         _____</p> | <p>5) (a) Coal Operator:<br/>         Name <u>N/A</u><br/>         Address _____<br/>         _____<br/>         (b) Coal Owner(s) with Declaration<br/>         Name <u>SAME AS SURFACE</u><br/>         Address _____<br/>         _____<br/>         Name _____<br/>         Address _____<br/>         _____<br/>         (c) Coal Lessee with Declaration<br/>         Name <u>N/A</u><br/>         Address _____<br/>         _____</p> |
| <p>6) Inspector <u>GLEN ROBINSON</u><br/>         Address <u>RT 1, #6 MT PLEASANT EST.</u><br/> <u>MINERAL WELLS, WV 26150</u><br/>         Telephone (304)- <u>348-3741</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: *Bey A. Smith*  
Its: PRESIDENT  
Address PO DRAWER R  
JANE LEW, WV 26378  
Telephone (304) 884-7881

Subscribed and sworn before me this 15 day of NOVEMBER, 1989

*Richard K. Elwick*  
My commission expires OCTOBER 14, 1993

~~XXXXXXXXXXXXXX~~  
Commissioner Of West Virginia