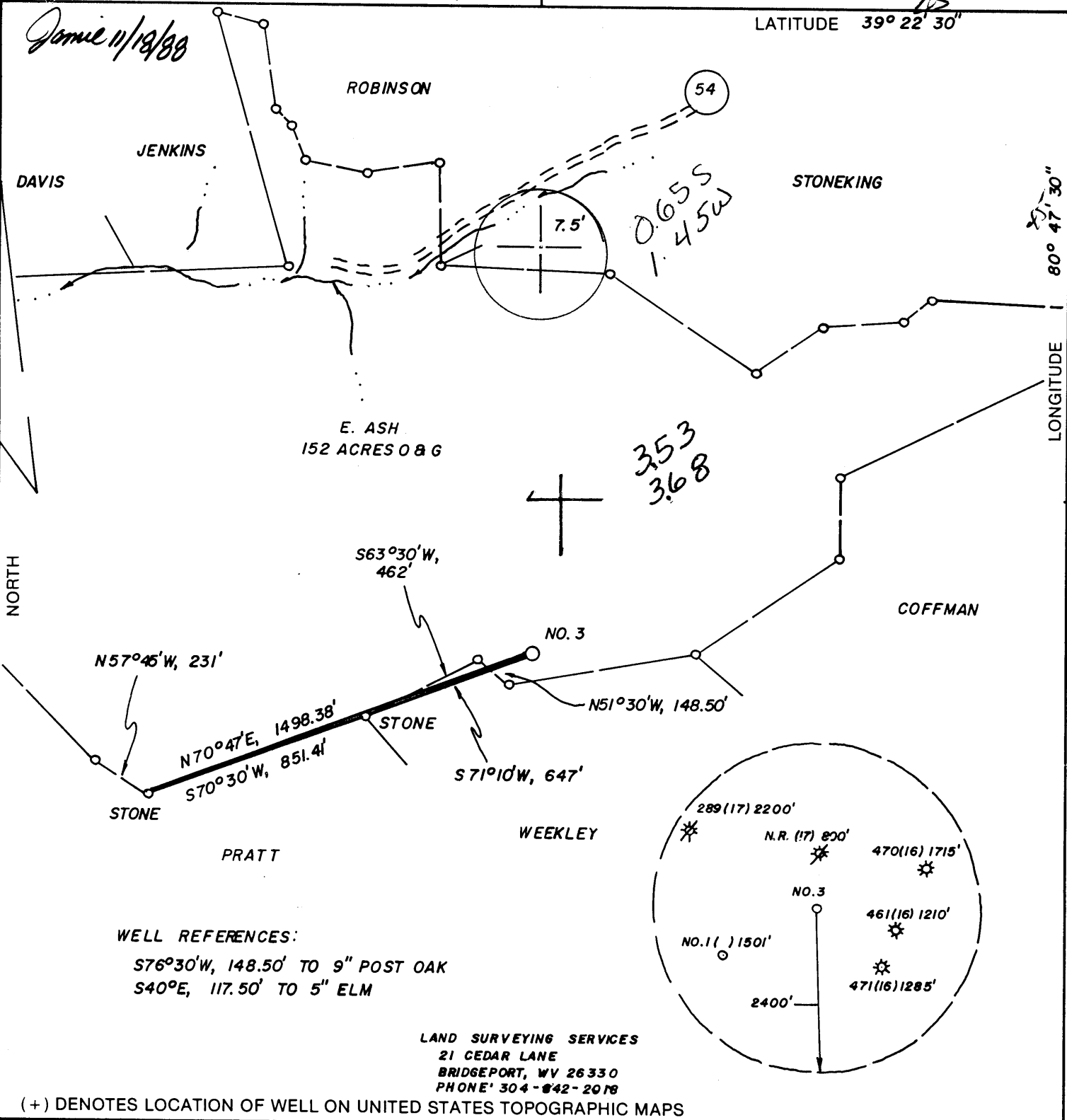


Done 11/18/88

7790' LATITUDE 39° 22' 30"



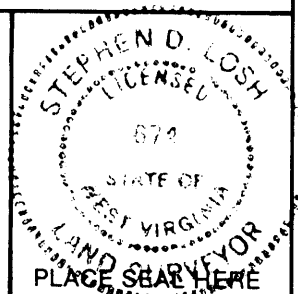
WELL REFERENCES:  
 S76°30'W, 148.50' TO 9" POST OAK  
 S40°E, 117.50' TO 5" ELM

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 ROAD INT. 5050' SE. OF LOC. AT ELEV. 834'

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 MAY 15, 19 88  
 OPERATOR'S WELL NO. ASH NO. 3  
 API WELL NO.

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

LOCATION: ELEVATION 1120' WATER SHED CAMP MISTAKE RUN  
 DISTRICT CENTERVILLE 1 COUNTY TYLER  
 QUADRANGLE WEST UNION 7.5' 671 133 6 +15' EC

SURFACE OWNER NORMAN PETER ACREAGE 113.40  
 OIL & GAS ROYALTY OWNER HENRY L. & Wm. H. ASH Hrs. LEASE ACREAGE 150.  
 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 5400'  
 WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT CHARLES CANFIELD  
 ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R  
 JANE LEW, WV 26378-0080 847 JANE LEW, WV 26378-0080

DEC 2 1988

6-6 Wilbur (092)

H.T. HALL 88573 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

Field name: PETER, MORGAN F. Operator Well No.: ASH 3 384-S

LOCATION: Elevation: 1100.00 Quadrangle: WEST UNION

District: CENTERVILLE County: TYLER  
Latitude: 3500 Feet South of 39 Deg. 22Min. 30 Sec.  
Longitude: 7796 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: STONEMAN GAS CO.  
P. O. BOX 1975  
RICHMOND, VA

Agent: CHARLES M. CANFIELD

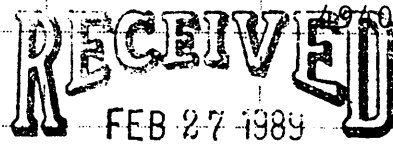
Inspector: BLEN D. ROBINSON  
Permit issued: 10/01/88  
Well work commenced: 02-02-89  
Well work completed: 02-07-89

Verbal Flushing  
Permission granted on:  
Return  Cable Risk  
Total Depth (feet) 5300  
Fresh water depths (ft) 150

Salt water depths (ft) 1250

Is coal being mined in area (Y/N) N  
Coal depths (ft): N/A

Size	Casings Used in Tubing	Drilling in Well	Left in Well	Cement (Fill Use) Cu. Ft.
11 3/4	166	166	166	70 SKS
8 5/8	1307	1307	1307	300 SKS
4 1/2	5271	5271	5271	660 SKS
2				



OPEN FLOW DATA:

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Producing formation: **BENSON** Pay zone depth (ft) 5020  
Gas: Initial open flow 216 MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 790 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 1 Hour  
Static rock Pressure 1375 lbs (surface pressure) after 48 Hours

Second producing formation: **RILEY** Pay zone depth (ft) 4600  
Gas: Initial open flow 216 MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 790 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 1 Hour  
Static rock Pressure 1375 lbs (surface pressure) after 48 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 WELLSBORE.

For: STONEMAN GAS CO.

By: *Benjamin A. Huntley* PRESIDENT  
Date: FEBRUARY 22, 1989

MAR 03 1989

FRAC DATE2-15-89 STAGES TWO

PERFS	HOLE	BBL	SAND	BD	ISIP	
BENSON 4955-58	5016-20	15	700	60,000	1952	1230
RILEY 4596-4602		18	700	60,000	2041	1500

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
FILL	RED	SOFT	0	15	HOLE WET 160' 1/2 STREAM H <sub>2</sub> O
RED ROCK	RED	SOFT	15	100	
RED ROCK/SHALE	RED	SOFT	100	580	HOLE WET 630' 1/2 STREAM H <sub>2</sub> O
SAND/SHALE	GRAY	SOFT	580	1510	
SHALE	GRAY	SOFT	1510	2000	GAS CK 2522 50/10 2" H <sub>2</sub> O
BIG LIME	GRAY	HARD	2000	2110	GAS CK 3383 48/10 2" H <sub>2</sub> O
BIG INJUN	GRAY	HARD	2110	2210	
SHALE	GRAY	SOFT	2210	2770	GAS CK 4553 40/10 2" H <sub>2</sub> O
GORDON	GRAY	SOFT	2770	2830	
SAND/SHALE	GRAY	SOFT	2830	4600	GAS CK 5137 30/10 2" H <sub>2</sub> O
RILEY	BROWN	SOFT	4600	4660	
SHALE	GRAY	SOFT	4660	5020	GAS CK TD 28/10 2" H <sub>2</sub> O
BENSON	BROWN	SOFT	5020	5190	
		TD		5300	

**RECEIVED**  
FEB 27 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

7959

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

- 1) Well Operator: STONEWALL GAS COMPANY <sup>547</sup> 47950, 1, 670
- 2) Operator's Well Number: ASH #3 384-S 3) Elevation: 1120'
- 4) Well type: (a) Oil  / or Gas  /  
 (b) If Gas: Production  / Underground Storage  /  
 Deep  / Shallow  /
- 5) Proposed Target Formation(s): BENSON
- 6) Proposed Total Depth: 5100' feet
- 7) Approximate fresh water strata depths: 87'
- 8) Approximate salt water depths: 1250'
- 9) Approximate coal seam depths: NA 712' - 715'
- 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.)
<u>OK RAL</u> Conductor	11 3/4	ERW	42#	150'	150'	38 CRS 18-11.3
Fresh Water						
Coal						<u>38CSR18-11.3</u>
Intermediate	8 5/8	ERW	23#	1300'	1300'	38 CSR 18-11.3
Production	4 1/2	ERW	10.5#	5050'	5050'	38 CSR 18-11.1
Tubing						
Liners						

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 NOV 15 1988

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

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

Fee(s) paid: 150 Well Work Permit 100 Reclamation Fund 100 WPCP  
 Plat 100 WW-9 100 WW-2B 100 Bond 50 Blanket Agent

(Type)

4707  
30  
100

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NOV 15 1988

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

- 1) Date: OCTOBER 10, 1988
- 2) Operator's well number  
ASH #3 (384-S)
- 3) API Well No: 47 - 095 - 1273  
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 NORMAN E. PETER  
Address HCR 74 BOX 31  
WILBUR, WV 26320
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:
  - Name N/A  
Address \_\_\_\_\_
  - (b) Coal Owner(s) with Declaration  
Name SEE ATTACHED  
Address \_\_\_\_\_
  - Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Coal Lessee with Declaration  
Name N/A  
Address \_\_\_\_\_
- 6) Inspector GLEN P. ROBINSON  
Address RT 1 #6 MT. PLEASANT EST  
MINERAL WELLS, WV 26150  
Telephone (304)-489-9162

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  
 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)  
 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: *By: J. A. Brantley*  
Its: PRESIDENT  
Address PO DRAWER R  
JANE LEW, WV 26378-0080  
Telephone 304-884-7881

Subscribed and sworn before me this 10TH day of NOVEMBER, 19 88

*Richard K. Elam*  
My commission expires

OCTOBER 14, 1993

~~XXXXXXXXXXXX~~  
COMMISSIONER