

June 11/15/88

CUMBERLEDGE

PETER

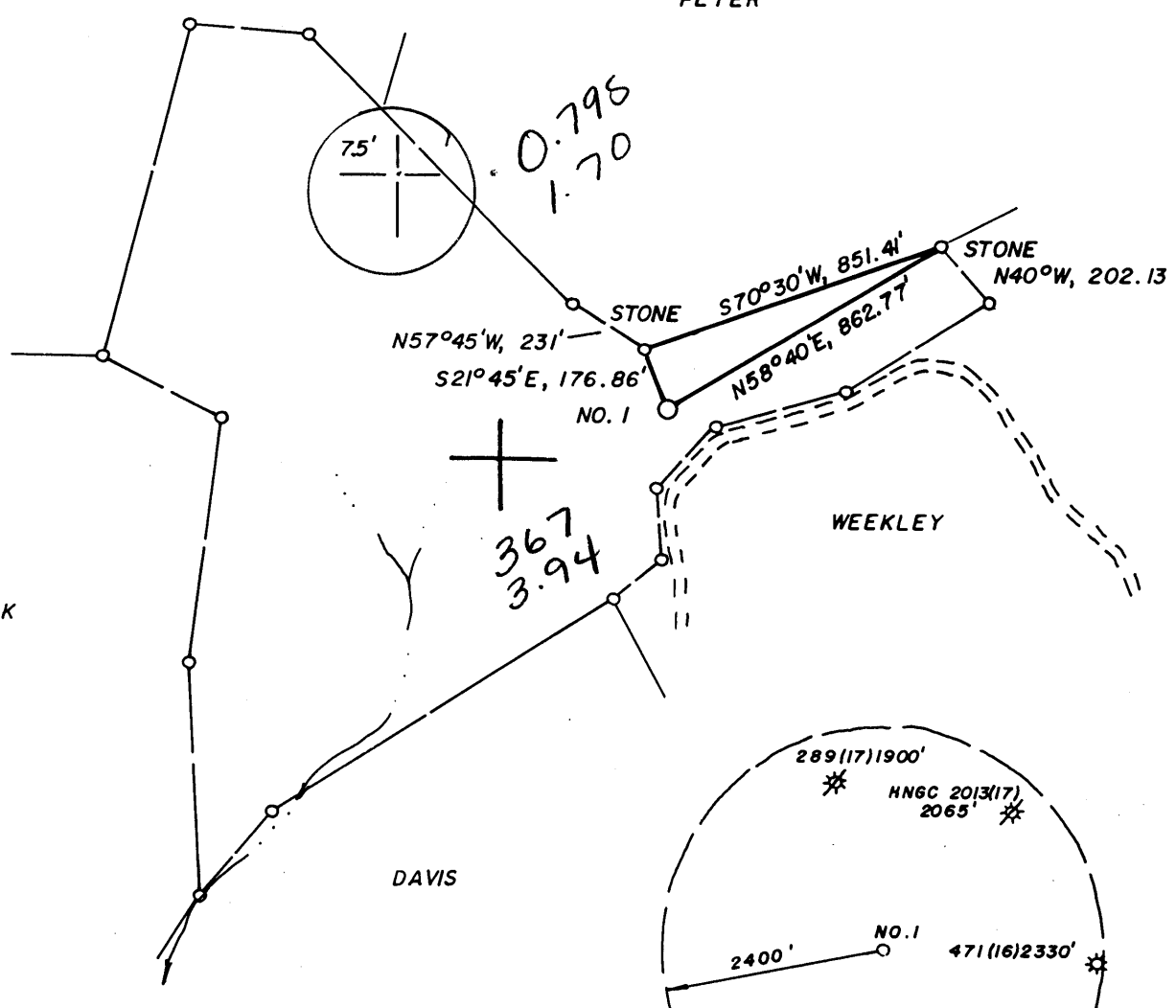
LONGITUDE 80° 47' 30"

NORTH

DOAK

DAVIS

WEEKLEY



WELL REFERENCES:

S51°W, 109' TO 2" TWIN DOGWOOD
 S10°E, 132' TO 7" HICKORY

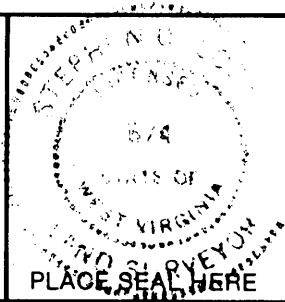
LAND SURVEYING SERVICES
 21 CEDAR LANE
 BRIDGEPORT, WV 26330
 PHONE: 304-842-2018

(+) 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. 5585' 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 REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF ENERGY.

(SIGNED) _____
 R.P.E. _____ L.L.S. NO. 674



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 13, 19 88
 OPERATOR'S WELL NO. JAMES I
 API WELL NO.

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

LOCATION: ELEVATION 1062' WATER SHED CAMP MISTAKE RUN
 DISTRICT CENTERVILLE I COUNTY TYLER
 QUADRANGLE WEST UNION 7.5' 671 133 6 +15' EC

SURFACE OWNER JAMES R. PRATT ACREAGE 56.53
 OIL & GAS ROYALTY OWNER WM. SMITH, HRS LEASE ACREAGE 60.

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 5350'
 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

COUNTY NAME PERMIT NO.

H.T. HALL 48673 FORM WW-6

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

Well Operator's Report of Well Work

Farm name: PRATT, JAS. & THURMAN Operator Well No.: JAMES 1-375-S

LOCATION: Elevation: 1062.00 Quadrangle: WEST UNION

District: CENTERVILLE County: TYLER
 Latitude: 4200 Feet South of 39 Des. 22Min. 30 Sec.
 Longitude 9150 Feet West of 80 Des. 47 Min. 30 Sec.

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

Agent: CHARLES W. CANFIELD

Inspector: GLEN P. ROBINSON
 Permit Issued: 12/01/88
 Well work Commenced: 02-08-89
 Well work Completed: 02-14-89

Verbal Plussings
 Permission granted on:
 Rotary Cable _____ Ris _____
 Total Depth (feet) 5200
 Fresh water depths (ft) 115

Salt water depths (ft) 1440

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

Size	Casings & Tubings	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	132	132	70 SKS	
8 5/8"	1277	1277	300 SKS	
4 1/2"	5066	5066	660 SKS	

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 MAR 06 1989

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

OPEN FLOW DATA:

Producing formation BENSON Pay zone depth (ft) 4970
 Gas: Initial open flow 66 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 2316 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 1 Hours
 Static rock Pressure 1525 psig (surface pressure) after 48 Hours

Second producing formation RILEY Pay zone depth (ft) 4550
 Gas: Initial open flow 66 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 2316 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 1 Hours
 Static rock Pressure 1525 psig (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 WELLBORE.

For: STONEWALL GAS CO. MAR 10 1989
 By: Biji A. Hunt PRESIDENT
 Date: MARCH 1, 1989

FRAC DATE 02-21-89 STAGES TWO

PERFS BENSON	HOLES	BBL	SAND	BD	ISIP
4970-4976	18	700	60,000	1969	1440
RILEY					
4552-4555	21	700	60,000	1754	1500

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
FILL	RED	SOFT	0	10	HOLE WET 560' 1/2" STREAM H ₂
RED ROCK	RED	SOFT	10	60	GAS CK 1941 NO SHOW
RED ROCK/SHALE	RED	SOFT	60	173	
SAND/SHALE	GREY	SOFT	173	592	
RED ROCK/SHALE	GREY	SOFT	592	1478	GAS CK 2772 NO SHOW
SAND/SHALE	GREY	SOFT	1478	1920	
BIG LIME	GREY	HARD	1920	2030	GAS CK 3600 NO SHOW
BIG INJUN'	GREY	HARD	2030	2130	
SAND/SHALE	GREY	SOFT	2130	2690	GAS CK 4649 NO SHOW
GORDON	GREY	SOFT	2690	2750	
SAND/SHALE	GREY	SOFT	2750	4550	GAS CK TD 28/10 1" H ₂ O
RILEY	BROWN	SOFT	4550	4610	
SAND/SHALE	GREY	SOFT	4610	4970	
BENSON	BROWN	SOFT	4970	5040	
		TD		5200	

[Faint, illegible stamp]

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 MAR 06 1989
 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

MAR 10 1989

1666

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

- 1) Well Operator: STONEWALL GAS COMPANY *47850, 1, 670*
- 2) Operator's Well Number: JAMES #1 375-S 3) Elevation: 1062'
- 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: 5000' feet
- 7) Approximate fresh water strata depths: 65' *164'*
- 8) Approximate salt water depths: 1200'
- 9) Approximate coal seam depths: NA
- 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.)
<i>OK RAL</i> Conductor	11 3/4	ERW	42#	100'	100'	38 CSR 18-11.3
Fresh Water						
Coal						
Intermediate	8 5/8	ERW	23#	1250'	1250'	38 CSR 18-11.3
Production	4 1/2	ERW	10.5#	4950'	4950'	38 CSR 18-11.1
Tubing						
Liners						

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PACKERS : Kind _____
 Sizes _____
 Depths set _____

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

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

4707
38



1) Date: NOVEMBER 9, 1988
2) Operator's well number
JAMES #1 (375-S)
3) API Well No: 47 - 095 - 1270
State - County - Permit

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
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:</p> <p>(a) Name <u>JAMES R. & THURMAN W. PRATT</u>
Address <u>10215 MALIBU RD N.E.</u>
<u>MINERVA, OHIO 44657</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:
Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name <u>SAME AS SURFACE</u>
Address _____</p> <p>(c) Coal Lessee with Declaration
Name _____
Address _____</p> |
| <p>6) Inspector <u>GLEN P. ROBINSON</u>
Address <u>RT 1, #6 MT PLEASANT EST</u>
<u>MINERAL WELLS, WV 26150</u>
Telephone (304)- _____</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: [Signature]
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378-0080
Telephone 304-884-7881

Subscribed and sworn before me this 9TH day of NOVEMBER, 19 88

[Signature] Notary Public
My commission expires JANUARY 16, 1991