

Janie 11/14/88

LATITUDE 39°22'30"

WELL REFERENCES:

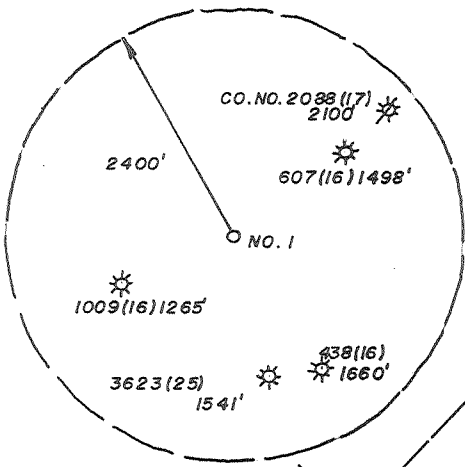
N65°E, 106' TO 20" ASH
S11°E, 128' TO 7" TWIN WILD CHERRY

LIEBERMAN

NICHOLAS

BUCK

WEEKLEY



JAMES S. BUCK
125. AC.

PETROVICH



*3.94
2-34*

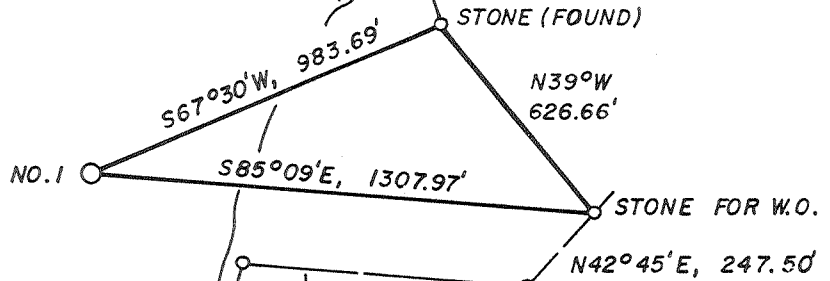
*1065
0.40w*

NORTH

WEEKLEY

N17°W, 594'

SIMPSON



LAND SURVEYING SERVICES,
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

SIMPSON

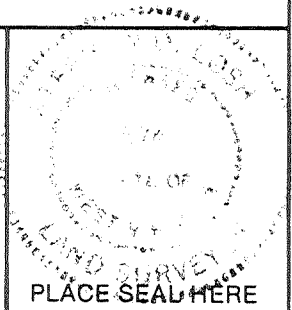
BUCK

BAGLEY, ET. AL.

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION ROAD INT. 1630' SW. OF LOC. AT ELEV. 887

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) *Stephen D. Losh*

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 9, 19 88
OPERATOR'S WELL NO. PRUNTY 1
API WELL NO.

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

LOCATION: ELEVATION 1029' WATER SHED CAMP MISTAKE RUN

DISTRICT WEST UNION 8 COUNTY DODDRIDGE

QUADRANGLE WEST UNION 7.5' 671 1336 ±15' EC

SURFACE OWNER JAMES S. BUCK ACREAGE 125.

OIL & GAS ROYALTY OWNER G. PRUNTY, HEIRS LEASE ACREAGE 138

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 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

NOV 28 1988

0595
017-3078
COUNTY NAME
PERMIT

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FEB 01 1989

23-Nov-88
API # 47- 17-03678

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Well Operator's Report of Well Work

Farm name: BUCK, JAMES & WANDA C. Operator Well No.: PRUNTY 1-S-378

LOCATION: Elevation: 1029.00 Quadrangle: WEST UNION

District: WESTUNION County: DOBDRIDGE
Latitude: 5650 Feet South of 39 Des. 22Min. 30 Sec.
Longitude: 600 Feet West of 80 Des. 47 Min. 30 Sec.

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

Asent: CHARLES W. CANFIELD

Inspector: MIKE UNDERWOOD
Permit Issued: 11/23/88
Well work Commenced: 01-12-89
Well work Completed: 01-17-89

Verbal Plussings
Permission granted on:
Rotary Cable _____ Ris _____
Total Depth (feet) 5124
Fresh water depths (ft) 110
Salt water depths (ft) 1150

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

Casings & Tubings	Used in Drillings	Left in Well	Cement Fill Use Cu. Ft.
Size			
11 3/4	131	131	70 sks
8 5/8	1312	1312	280 sks
4 1/2	5124	5124	660 sks
2" tubing		4970	

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 5000
Gas: Initial open flow 100 MCF/d Oil: Initial open flow NA Bbl/d
Final open flow 1302 MCF/d Final open flow NA Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 1400 psig (surface pressure) after 72 Hours
Second producing formation RILEY Pay zone depth (ft) 4560
Gas: Initial open flow 100 MCF/d Oil: Initial open flow NA Bbl/d
Final open flow 1302 MCF/d Final open flow NA Bbl/d
Time of open flow between initial and final tests 48 Hours
Static rock Pressure 1400 psig (surface pressure) after 72 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.

By: *[Signature]*
Date: JANUARY 30, 1989

FEB 3 1989

FRAC TWO ZONES JANUARY 24, 1989

PERFS	HOLES	BBL	SAND	BD	ISIP
BENSON 4995-5000	15	700	60,000	2460	1500
RILEY 4560-4566	18	700	60,000	2130	1800

FILL	RED	SOFT	0	0	
SHALE	RED	SOFT	20	115	HOLE DAMP 115'
SAND & SHALE	GRAY	SOFT	115	780	
SAND/RED ROCK	RED	SOFT	780	1890	320' 3/4" STREAM H ₂ O
BIG LIME	GRAY	HARD	1890	1980	
BIG INJUN	GRAY	HARD	1980	2090	GAS 2678 20/10 2" H ₂ O
SAND & SHALE	GRAY	SOFT	2090	2650	
GORDON	GRAY	SOFT	2650	2690	GAS 3139 20/10 2" H ₂ O
SHALE	GRAY	SOFT	2690	4490	
RILEY	BROWN	SOFT	4490	4560	GAS 4125 10/10 2" H ₂ O
SHALE	GRAY	SOFT	4560	4950	
BENSON	BROWN	HARD	4950	5010	GAS 4553 10/10 2" H ₂ O
			TD	5200	GAS TD 10/10 2" H ₂ O

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

7-11-89

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

- 1) Well Operator: STONEWALL GAS COMPANY ⁸⁴⁷ 47850, 8, 670
- 2) Operator's Well Number: PRUNTY #1 (378-S) 3) Elevation: 1029
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): BENSON
- 6) Proposed Total Depth: 5200 feet
- 7) Approximate fresh water strata depths: 78', 205, 255'
- 8) Approximate salt water depths: 1150' 1303'
- 9) Approximate coal seam depths: NA
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 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#	100'	100'	38CSR18-11.3
Fresh Water				150	150'	
Coal					e.k. M.U.	
Intermediate	8 5/8	ERW	23#	1300'	1300'	38CSR18-11.3
Production	4 1/2	ERW	10.5#	5150	5150	38CSR18-11.1
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

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For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

4695
37

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Page 1 of _____
Form WW2-A
(09/87)
File Copy

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: OCTOBER 20, 1988
Operator's well number
PRUNTY #1 (378-S)
API Well No: 47 - 017 - 3678
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 James S. & Wanda C. Buck
Address Rt 1, Box 32A
Aldie, VA 22001

(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 _____
Address N/A

(b) Coal Owner(s) with Declaration
Name SAME AS SURFACE
Address _____

Name _____
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
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:
X 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: Benjamin A. Prunty
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378-0080
Telephone (304) 884-7881

Subscribed and sworn before me this 31 day of October, 19 88

Richard K. Elsie
My commission expires October 14, 1993

~~XXXXXXXXXXXX~~
commissioner