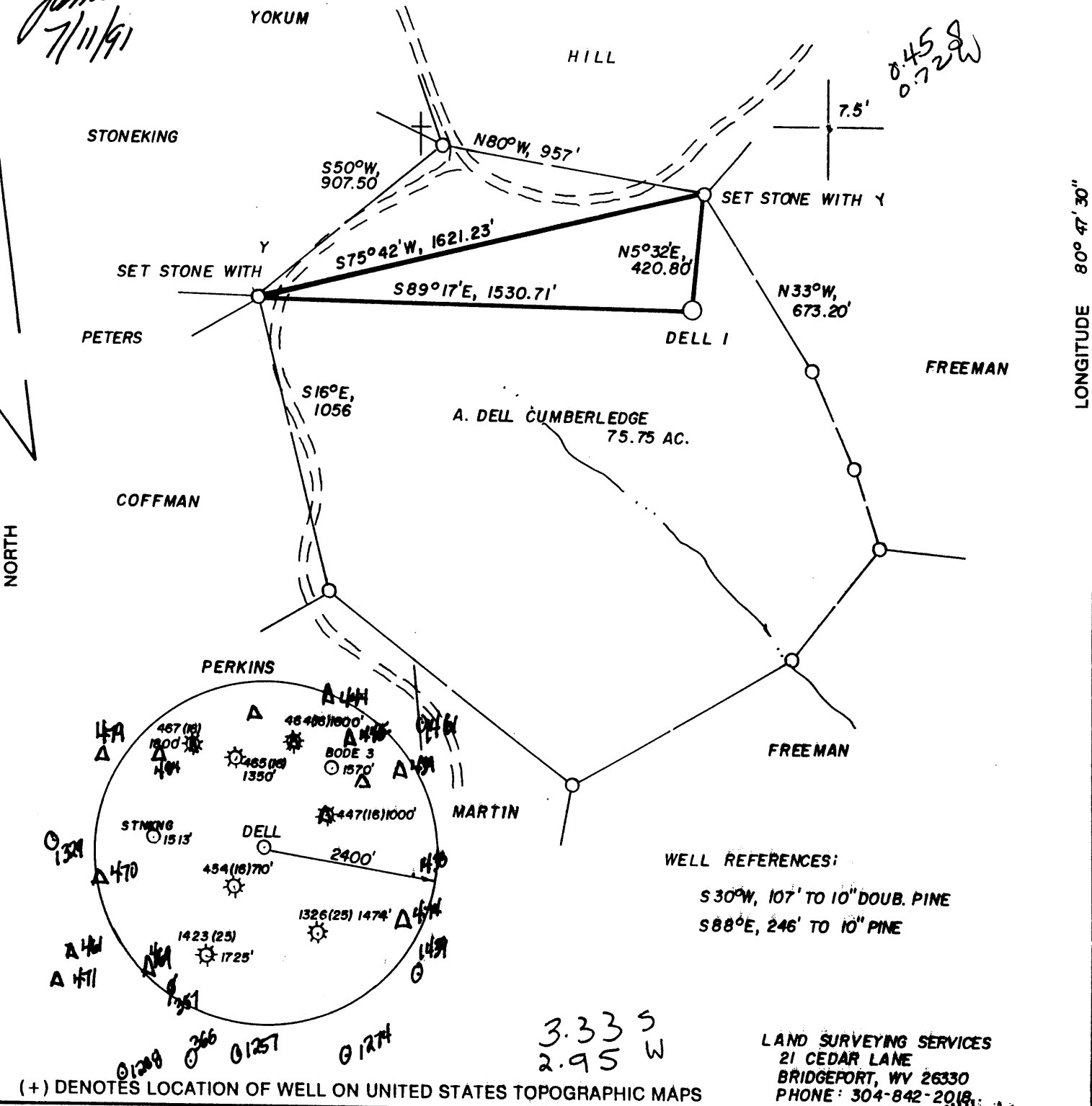


Jamil
7/11/91

LATITUDE 39° 22' 30"



0.45 S
0.72 W

LONGITUDE 80° 47' 30"

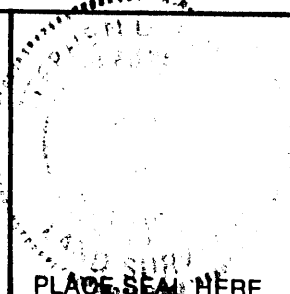
WELL REFERENCES:
S 30°W, 107' TO 10" DOUB. PINE
S 88°E, 246' TO 10" PINE

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 TOP OF KNOB 153' WEST AT 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
(SIGNED) _____
R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE MAY 10, 19 91
OPERATOR'S WELL NO. DELL 1
API WELL NO. 47-095-1476
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1167' WATERSHED CAMP MISTAKE RUN
DISTRICT McELROY 5 COUNTY TYLER
QUADRANGLE WEST UNION W Union EC

SURFACE OWNER ASIA DELL CUMBERLEDGE HEIRS ACREAGE 75.75
OIL & GAS ROYALTY OWNER ASIA DELL CUMBERLEDGE HEIRS LEASE ACREAGE 75.75
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 5200'
WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT JESSE SHELL
ADDRESS P.O. DRAWER R 847 ADDRESS P.O. DRAWER R
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

JUL 22 1991



COUNTY NAME
PERMIT

6-6 Wilbur (092)

RECEIVED

JUN 08 1992

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

15-Jul-92
API # 47- 95-01476

Reviewed TMG

Recorded _____

Well Operator's Report of Well Work

Farm name: CUMBERLEDGE, ASIA D HEIRS Operator Well No.: DELL 1 ~~603-8~~ S

LOCATION: Elevation: 1167.00 Quadrangle: WEST UNION

District: MCELROY County: TYLER
Latitude: 2375 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 3900 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: STONEWALL GAS COMPANY
909 E. MAIN ST. P.O. BOX 1575
RICHMOND, VA 23213-0000

Agent: JESSE A. SHELL

Inspector: MIKE UNDERWOOD
Permit Issued: 07/15/91
Well work Commenced: 05-16-92
Well work Completed: 06-05-92
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5270
Fresh water depths (ft) 50, 90, 185,
425
~~Saltwater depths~~ (ft) 925

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	107	107	110 SKS
8 5/8	1023	1023	270 SKS
4 1/2	5228	5228	780 SKS

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

OPEN FLOW DATA

Producing formation BENSON/RILEY Pay zone depth (ft) 4662
Gas: Initial open flow _____ MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 2978 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 Hour:s
Static rock Pressure 1400 psig (surface pressure) after 168 Hour:s

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hour:s
Static rock Pressure _____ psig (surface pressure) after _____ Hour:s

*UNABLE TO DETERMINE DUE TO OPEN FLOW FROM STORAGE SAND

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 COMPANY

By: Ray M. Frear, Jr. RAY M. FREAR, JR.
Date: JUNE 30, 1992 PETROLEUM ENGINEER

STAGE	1	FRAC	WATER	DATE	06-11-92		
ZONES	PERFS	HOLE	BBL	BP	ISIP		
BENSON/RILEY	4662	1					
	4666	1					
	5086-5090	16	700	1540	1450		

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
RR & SHALE	RED	HARD	0	20	GAS CK @ 2024 NO SHOW
SAND	GRAY	SOFT	20	70	2087 NO SHOW
RR	RED	HARD	70	78	2118 8/10 2" W/M
SAND	GRAY	HARD	78	137	2211 8/10 2" W/M
SHALE & RR	GRAY	HARD	137	160	2834 8/10 2" W/M
SAND	BROWN	SOFT	160	235	
SANDY SHALE	GRAY	SOFT	235	320	
SAND	BROWN	SOFT	320	350	3206 4/10 2" W/M
SANDY SHALE & RR	RED	HARD	350	675	4700 4/19 2" W/M
SAND & SHALE	RED	HARD	675	925	5042 4/10 2" W/M
SAND	GRAY	HARD	925	975	
RR & SHALE	GRAY	SOFT	975	1200	5167 6/10 2" W/M
SAND & SHALE	BROWN	SOFT	1200	2024	
BIG LIME	BROWN	SOFT	2024	2105	
KEENER	GRAY	HARD	2105	2109	
INJUN	GRAY	HARD	2109	2226	
SAND & SHALE	BROWN	SOFT	2226	2790	
SAND	GRAY	HARD	2790	2825	
SANDY SHALE	BROWN	SOFT	2825	4625	
SAND	BROWN	HARD	4625	4690	
SANDY SHALE	BROWN	SOFT	4690	5075	
BENSON	GRAY	SOFT	5075	5085	
SAND & SHALE	GRAY	SOFT	5085	5270	
TD				5270	

59521

095-1476
 issued 07/15/91

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

Page of
 Expires 07/15/93

- 1) Well Operator: ⁸⁴⁷ STONEWALL GAS COMPANY 47850 (5) 670
- 2) Operator's Well Number: DELL #1 (601-S) 3) Elevation: 1167'
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___ /
 Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): ⁴³⁵ BENSON
- 6) Proposed Total Depth: 5270 feet
- 7) Approximate fresh water strata depths: 40', 270', 450', 640'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A possible @ 605 *OK Jimmie*
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: DRILL AND STIMULATE NEW WELL
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4"		27#	100'	100'	CSR 38 18-11.1
Fresh Water						<i>Q.L.</i>
Coal						<i>Q.L.</i>
Intermediate	8 5/8"		20#	1000'	1000'	CSR 38 18-11.2.2
Production	4 1/2"	J-55	10.5#	5210'	5210'	CSR 38 18-11.3
Tubing						
Liners						

RECEIVED
 Division of Energy

PACKERS : Kind _____
 Sizes _____
 Depths set _____

JUN 26 91

7294

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond *C.D. Blanke* Agent

1) Date: JUNE 25, 1991
2) Operator's well number
DELL #1 (603-S)
3) API Well No: 47 - 095 - 1476
State - County - Permit

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

RECEIVED
JUN 26 91

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>ASIA DELL CUMBERLEDGE HEIRS</u> Address <u>C/O HESTER BRITTON</u> <u>1408 ANKROM ST., ST MARYS, WV 26170</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator:</p> <p>Name <u>N/A</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration Name <u>SAME AS SURFACE</u> Address _____</p> <p>(c) Coal Lessee with Declaration Name <u>N/A</u> Address _____</p>
<p>6) Inspector <u>MIKE UNDERWOOD</u> Address <u>RT 2 BOX 135</u> <u>SALEM, WV 26426</u> Telephone <u>(304)-782-1043</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: [Signature]
Its: PRESIDENT
Address PO DRAWER R
JANE LEW, WV 26378
Telephone 304-884-7881

Subscribed and sworn before me this 25TH day of JUNE, 19 91

[Signature]
My commission expires MAY 14, 2000

OFFICIAL SEAL NOTARY PUBLIC
STATE OF WEST VIRGINIA
DOROTHY QUEEN Notary Public
POST OFFICE DRAWER R
JANE LEW, WV 26378
My Commission Expires Mar. 14, 2000