

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

Amil
 9/12/91

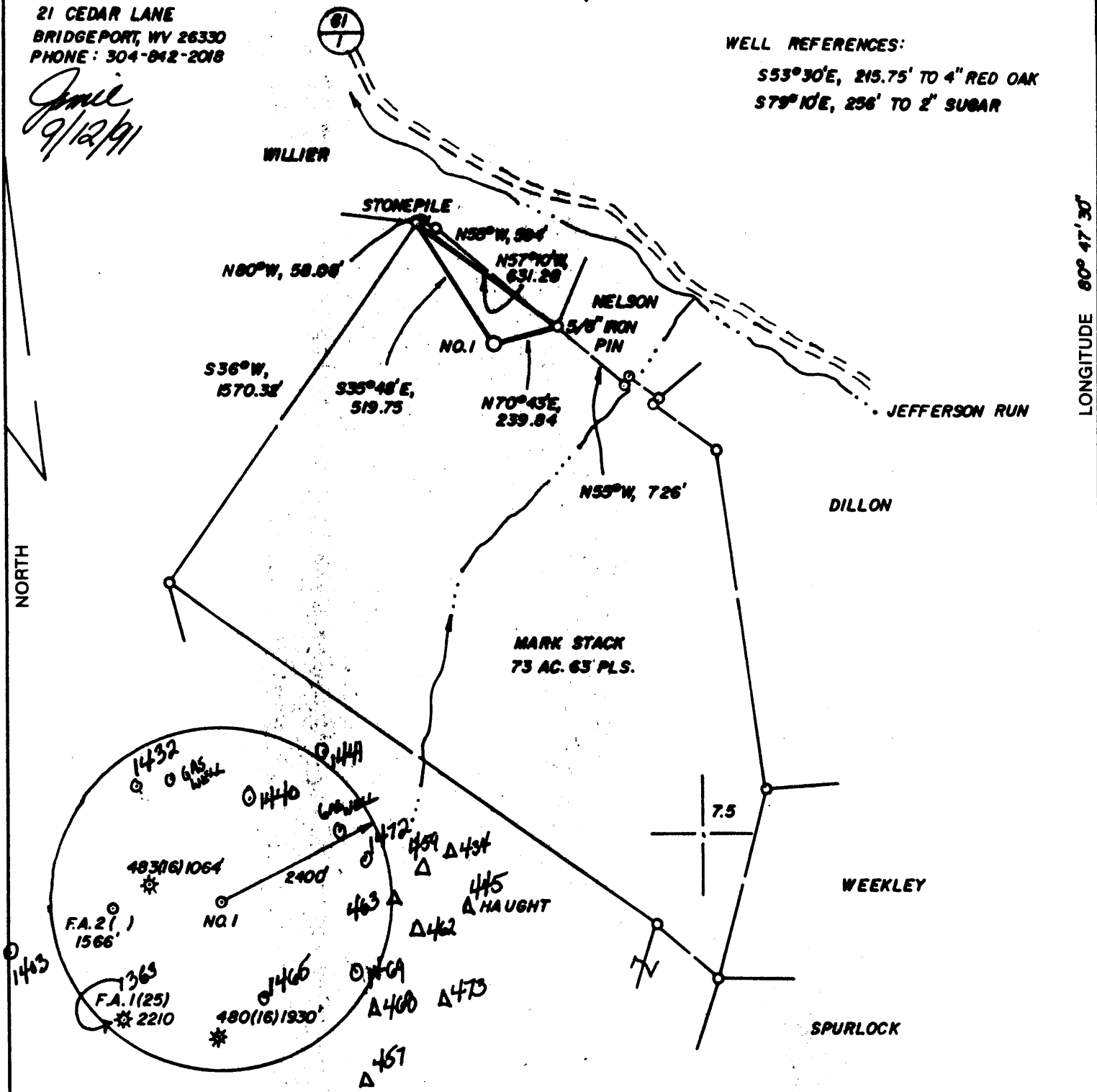
5760
 LATITUDE 39° 25' 00"

WELL REFERENCES:

S53°30'E, 215.75' TO 4" RED OAK
 S79°10'E, 236' TO 2" SUGAR

NORTH

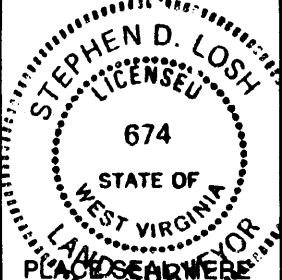
LONGITUDE 80° 47' 30"



(+) 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. 3715' SW. OF LOC. AT ELEV. 1030'

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 MARCH 21, 19 90
 OPERATOR'S WELL NO. UNDERWOOD 1
 API WELL NO. Cancelled
47-095-1483
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1017' WATERSHED JEFFERSON RUN
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5

SURFACE OWNER MARK A. STACK ACREAGE 73.39
 OIL & GAS ROYALTY OWNER REX UNDERWOOD LEASE ACREAGE 73.
 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 JESSE SHELL
 ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

FORM WW-6
 HALLS INC. 068065

TYLER COUNTY NAME
 PERMIT 1483

LAND SURVEYING SERVICES

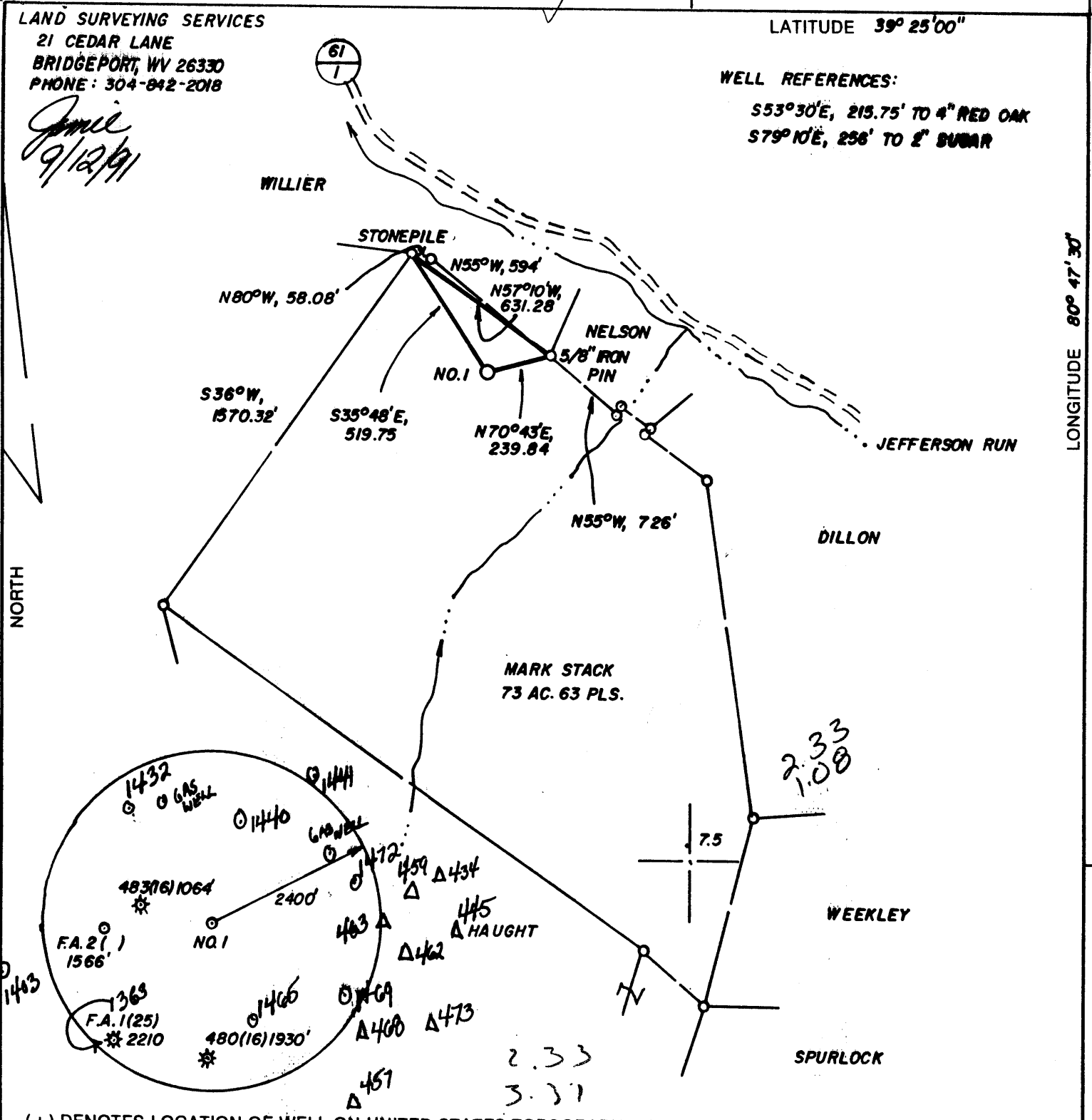
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BRIDGEPORT, WV 26330
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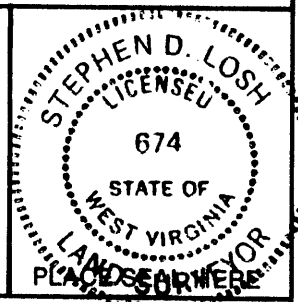


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(SIGNED) _____
R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MARCH 21, 19 90
OPERATOR'S WELL NO. UNDERWOOD 1
API WELL NO.

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X
LOCATION: ELEVATION 1017' WATER SHED JEFFERSON RUN
DISTRICT McELROY 5 COUNTY TYLER
QUADRANGLE SHIRLEY 7.5 W U

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WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT JESSE SHELL
ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

SEP 23 1991

FORM WW-6
068065
HALLS, INC.

LONGITUDE 80° 47' 30"

COUNTY NAME

PERMIT

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

- 1) Well Operator: 847 STONEWALL GAS COMPANY 47850(5) 606
- 2) Operator's Well Number: UNDERWOOD #1 3) Elevation: 1017'
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production / Underground Storage /
Deep 435 / Shallow X /
- 5) Proposed Target Formation(s): BENSON
- 6) Proposed Total Depth: 5150 feet
- 7) Approximate fresh water strata depths: 10' & 80'
- 8) Approximate salt water depths: 970', 1200'
- 9) Approximate coal seam depths: 650'
- 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	
<u>11 3/4" 4/8/93</u> Conductor	11 3/4"		28#	100'	100' CTS	38 CSR 18-11.3
Fresh Water						
Coal						
Intermediate	8 5/8"		20#	1250'	1250' CTS	38 CSR 18-11.2
Production	4 1/2"		10.5#	5100'	5100' CTS	38 CSR 18-11.1
Tubing						
Liners						

RECEIVED
Division of Energy

PACKERS : Kind
Sizes
Depths set

SEPT 04 91

For Division of Oil and Gas Use Only

1384
23
Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond CD Blanket Agent

- 1) Date: SEPTEMBER 3, 1991
- 2) Operator's well number
UNDERWOOD #1 (446-S)
- 3) API Well No: 47 - 095 - 1483
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

LIVED
Energy

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

SEPT 04 91

- 4) Surface Owner(s) to be served:
 - (a) Name MARK & BARBARA STACK
Address HCR 74 BOX 27
WILBUR, WV 26320
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name N/A
Address _____
 - (b) Coal Owner(s) with Declaration
Name SAME AS SURFACE
Address _____
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name N/A
Address _____
- 6) Inspector MIKE UNDERWOOD
Address RT 2 BOX 135
SALEM, WV 26426
Telephone (304)-782-1043

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 3RD day of SEPTEMBER, 1991

[Signature] Notary Public
My commission expires MARCH 14, 2000