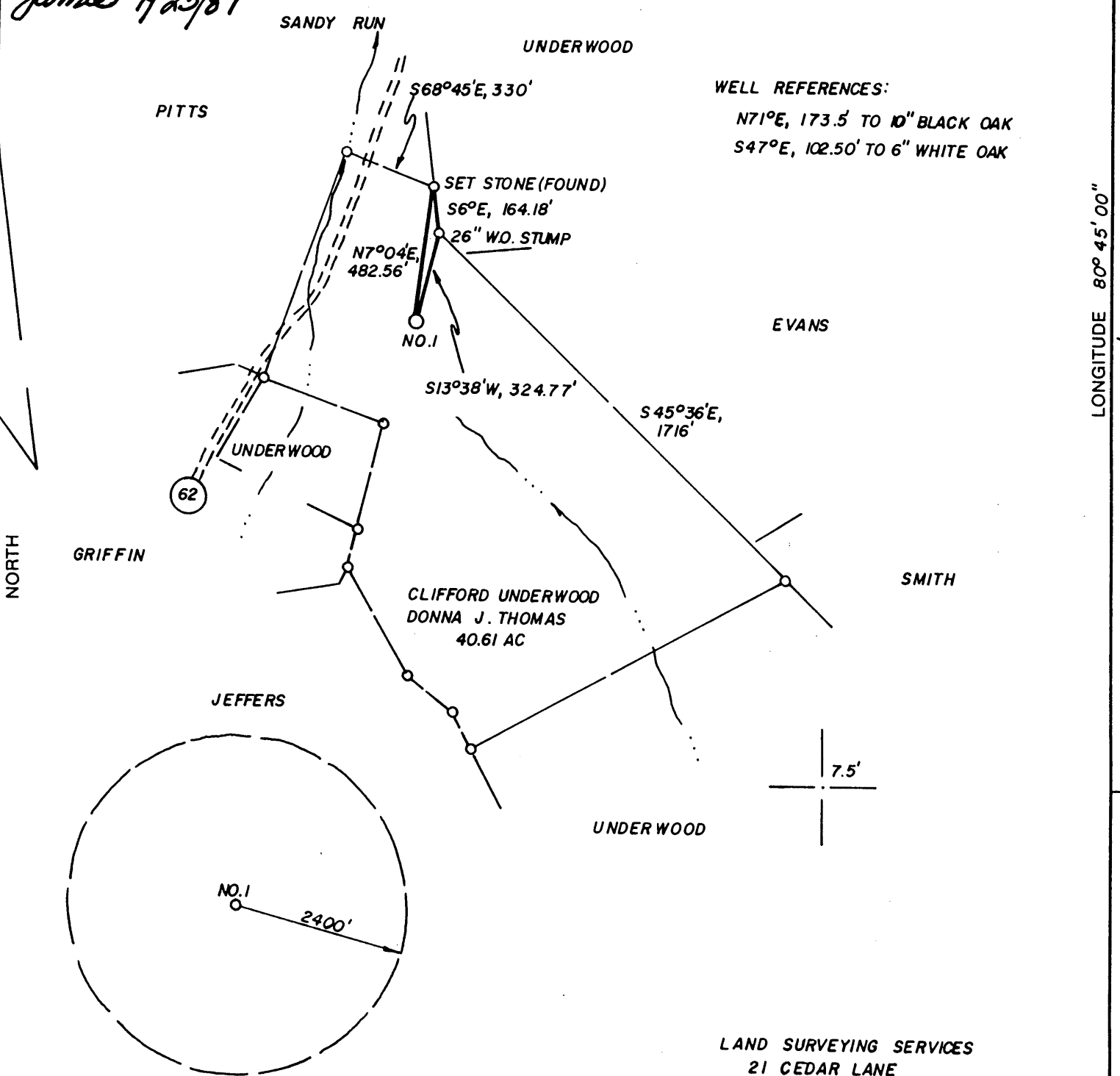


Jamie 4/23/89

LATITUDE 39° 25' 00"



WELL REFERENCES:
 N71°E, 173.5' TO 10" BLACK OAK
 S47°E, 102.50' TO 6" WHITE OAK

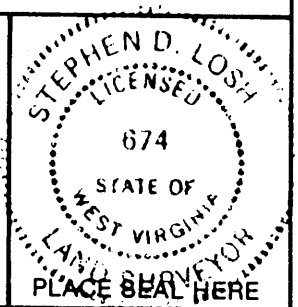
LONGITUDE 80° 45' 00"
 11575'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 2615'
 SE. OF LOC. AT ELEV. 1219'

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 MARCH 14, 19 89
 OPERATOR'S WELL NO. THOMAS 1
 API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 822' WATERSHED SANDY RUN
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5'

47-095-1297
 STATE COUNTY PERMIT

Cancelled

SURFACE OWNER C. UNDERWOOD & DONNA J. THOMAS ACREAGE 40.61
 OIL & GAS ROYALTY OWNER C. UNDERWOOD & DONNA J. THOMAS LEASE ACREAGE 40.61
 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 ALEXANDER 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 JANE LEW, WV 26378-0080

AUG 30 1991

FORM WW-6
 H.T. HALL 48673

COUNTY NAME
 PERMIT

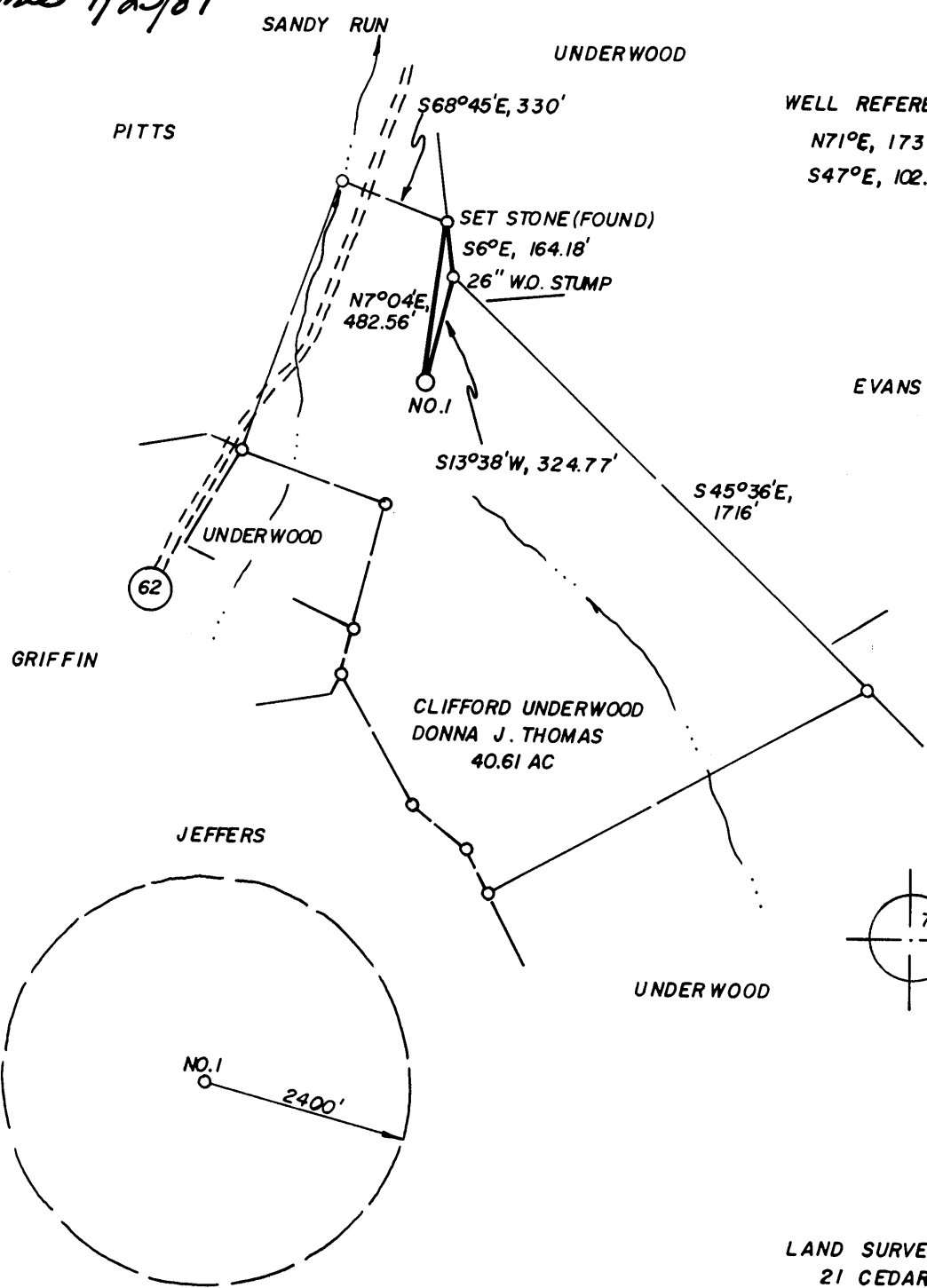
Jamie 4/23/89

LATITUDE 39° 25' 00"

4085'

LONGITUDE 80° 45' 00"

NORTH



WELL REFERENCES:
 N71°E, 173.5 TO 10" BLACK OAK
 S47°E, 102.50 TO 6" WHITE OAK

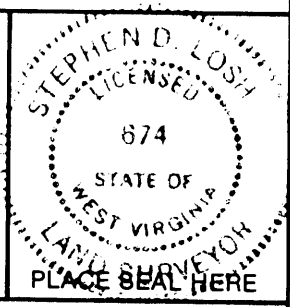
2.185
 0.27

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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
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 (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 MARCH 14, 19 89
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 API WELL NO. _____

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 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 822' WATERSHED SANDY RUN
 DISTRICT McELROY 5 COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5' 607 1336
 SURFACE OWNER C. UNDERWOOD & DONNA J. THOMAS ACREAGE 40.61
 OIL & GAS ROYALTY OWNER C. UNDERWOOD & DONNA J. THOMAS LEASE ACREAGE 40.61
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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 ALEXANDER 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

MAY 5 1989

COUNTY NAME

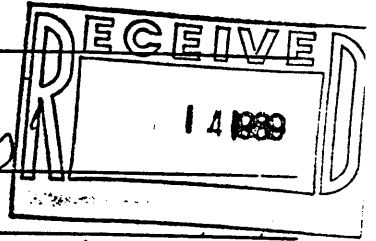
PERMIT

H.T. HALL 48673 FORM WW-6

30

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

- 1) Well Operator: STONEWALL GAS COMPANY 47850 (57) 606
- 2) Operator's Well Number: THOMAS #1 (407-S) 3) Elevation: 822
- 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: 70', 460'
- 8) Approximate salt water depths: 970'
- 9) Approximate coal seam depths: NA 451-454'
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work:
- 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>Drill 4/7/89</i> Conductor	11 3/4	ERW	42#	100'	100' <i>CB</i>	38 CSR 18-11.3 <i>ets</i>
Fresh Water						
Coal						
Intermediate	8 5/8	ERW	23#	1100'	1100' <i>←</i>	38 CSR 18-11.3 <i>ets</i>
Production	4 1/2	ERW	10.5#	5100'	5100' <i>←</i>	38 CSR 18-11.1
Tubing						
Liners						



PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

6333 Fee(s) paid: *WV* Well Work Permit *WV* Reclamation Fund *WV* WPCP
WV Plat *WV* WW-9 *WV* WW-2B *WV* Bond *WV* Agent

RECEIVED
APR 14 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: APRIL 12, 1989
2) Operator's well number
THOMAS #1 (407-S)
3) API Well No: 47 - 095 - 1297
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 CLIFFORD UNDERWOOD
Address PO BOX 92
SHIRLEY, WV 26434
(b) Name DONNA J. THOMAS
Address PO BOX 92
SHIRLEY, WV 26434
(c) Name _____
Address _____

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name SAME AS SURFACE
Address _____
Name _____
Address _____

6) Inspector GLEN P. ROBINSON
Address RT 1, #6 MT PLEASANT EST.
ELKVIEW, WV 25071
Telephone (304)-489-9162

(c) Coal Lessee with Declaration
Name N/A
Address _____

RECEIVED
APR 14 1989

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 12TH day of APRIL, 1989

[Signature]
My commission expires OCTOBER 14, 1993

XXXXXXXXXXXX
COMMISSIONER