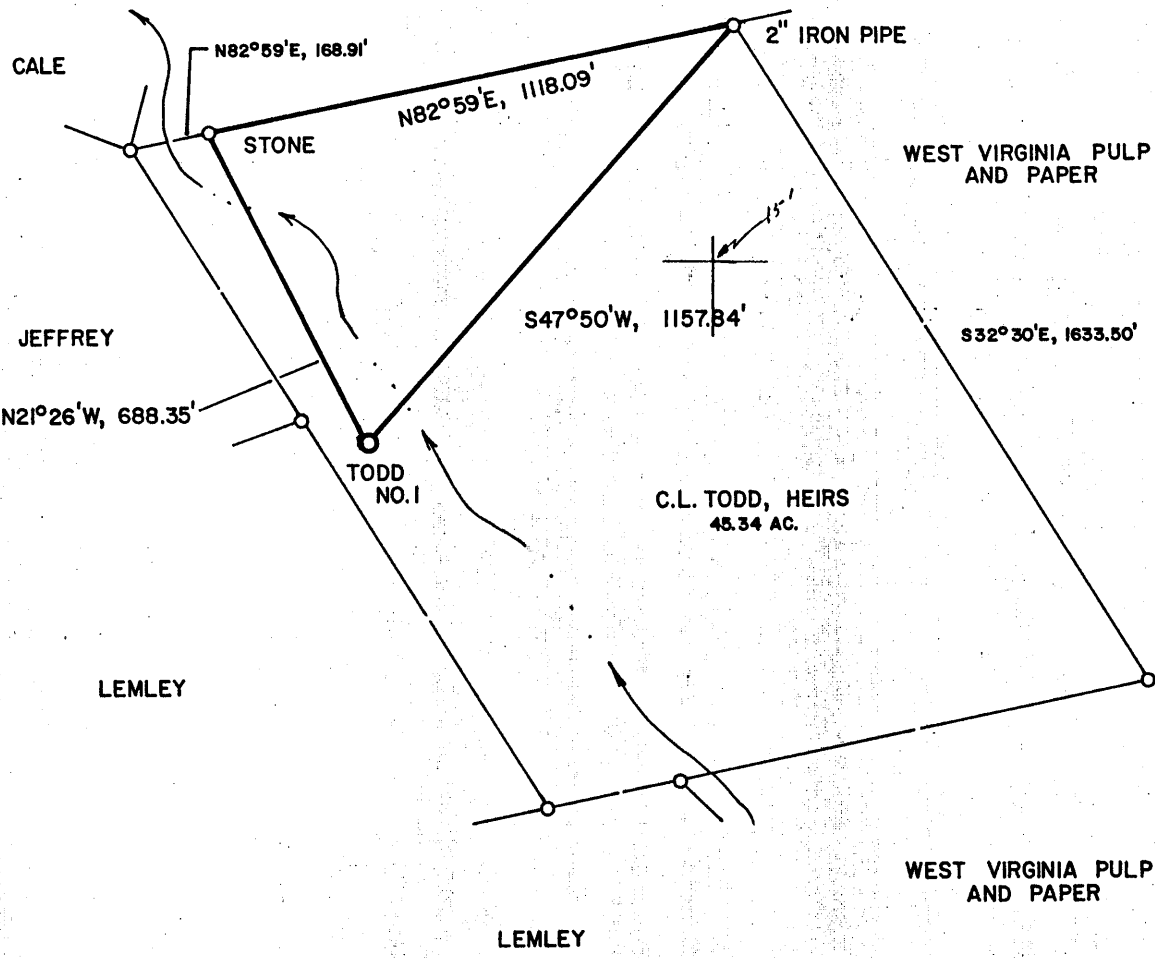


NO WELLS WITHIN 2400'  
7.5 MIN.

LEMLEY

CLAY LICK RUN and CO. RT. <sup>3</sup>/<sub>22</sub>



LONGITUDE 81°17'30"

NORTH

WELL REFERENCES:

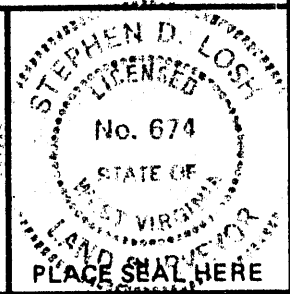
S32°15'E, 140.75' TO 12" POPLAR  
N36°45'E, 123.50' TO 20" ASH

LAND SURVEYING SERVICES  
1412 NORTH 18 TH ST.  
CLARKSBURG, WV 26301  
PHONE: 304-623-1214

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION BENCH MARK 1800' NW OF LOCATION - ELEVATION 677'

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 MINES.

(SIGNED) Stephen D. Losh  
 R.P.E. \_\_\_\_\_ L.L.S. NO. 674  
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE SEPTEMBER 4, 19 84  
 OPERATOR'S WELL NO. C.L. TODD NO.1  
 API WELL NO. \_\_\_\_\_  
47 - 107 - 1349  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 709' WATER SHED CLAY LICK RUN  
 DISTRICT WALKER COUNTY WOOD  
 QUADRANGLE WILLOW ISLAND 7.5 min. MAP SHEET 15-1  
 SURFACE OWNER C.L. TODD, HEIRS ACREAGE 45.34  
 OIL & GAS ROYALTY OWNER C.L. TODD, HEIRS LEASE ACREAGE 45.34  
 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) \_\_\_\_\_

CANCELLED

APR 13 1987

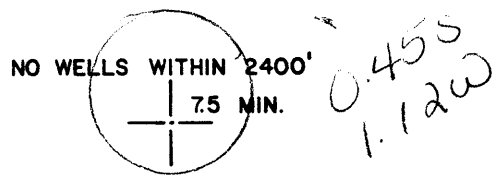
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5995'  
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD  
 ADDRESS P.O. DRAWER F ADDRESS P.O. DRAWER F  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

WOOD 1349

MN 2 CODE

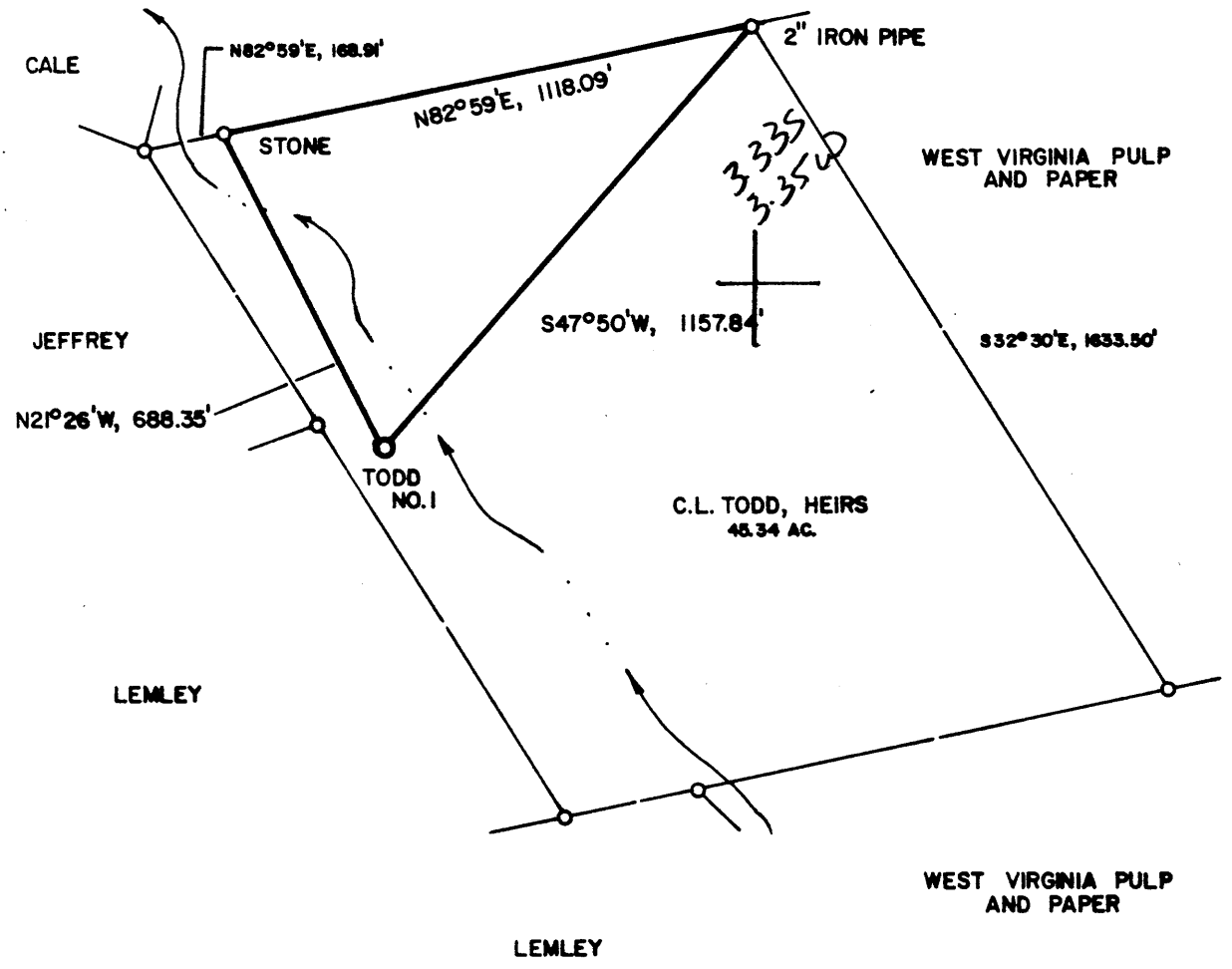
CARD

6000' - 39 20  
LATITUDE 39°17'30"



LEMLEY

CLAY LICK RUN and CO. RT.  $\frac{3}{22}$



LONGITUDE 81°17'30"

NORTH

WELL REFERENCES:

S32°15'E, 140.78' TO 12" POPLAR  
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STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE SEPTEMBER 4, 19 84  
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 DISTRICT WALKER COUNTY WOOD  
 QUADRANGLE WILLOW ISLAND 7.5 min. Marietta 15' SE9  
 SURFACE OWNER C.L. TODD, HEIRS ACREAGE 45.34  
 OIL & GAS ROYALTY OWNER C.L. TODD, HEIRS LEASE ACREAGE 45.34  
 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) \_\_\_\_\_

FEB 25 1985

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5995'  
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD  
 ADDRESS 947 P.O. DRAWER F BUCKHANNON, WV 26201 ADDRESS P.O. DRAWER F BUCKHANNON, WV 26201

# RECEIVED

DEC 26 1984



1) Date: December 18, 1984  
 2) Operator's Well No. Todd #1 (253-S)  
 3) API Well No. 47-107-1349  
     State           County           Permit

**OIL & GAS DIVISION  
DEPT. OF MINES**

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

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 709 Watershed: Clay Lick Run  
 District: Walker County: Wood Quadrangle: Willow Island 7.5
- 6) WELL OPERATOR Stonewall Gas Company 7) DESIGNATED AGENT Charles W. Canfield  
 Address PO Drawer F Address PO Drawer F  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Glen P. Robinson (489-9162) Name S. W. Jack Drilling Company  
 Address Route 1, Box 6 Mt Pleasant Estates Address \_\_\_\_\_  
Mineral Wells, WV 26150 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 5993 feet  
 13) Approximate strata depths: Fresh, 90 feet; salt, 1665 feet.  
 14) Approximate coal seam depths: 92, 163, 237 Is coal being mined in the area? Yes \_\_\_\_\_ / No

**15) CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling		
Conductor	11 3/4				X	160	160	95 sks <u>CTS by rule 15-05</u>
Fresh water								
Coal								Sizes
Intermediate	8 5/8			X		2006	2006	300 sks <u>Rule 1505</u>
Production	4 1/2			X		5995	5995	565 sks <u>Rule 1505</u>
Tubing								Perforations:
Liners								Top           Bottom

**OFFICE USE ONLY  
DRILLING PERMIT**

Permit number 47-107-1349

Date February 14, 19 85

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires February 14, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>150</u>	<u>MW</u>	<u>MW</u>	<u>MW</u>	<u>1887</u>

*Margaret J. Hass*  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.