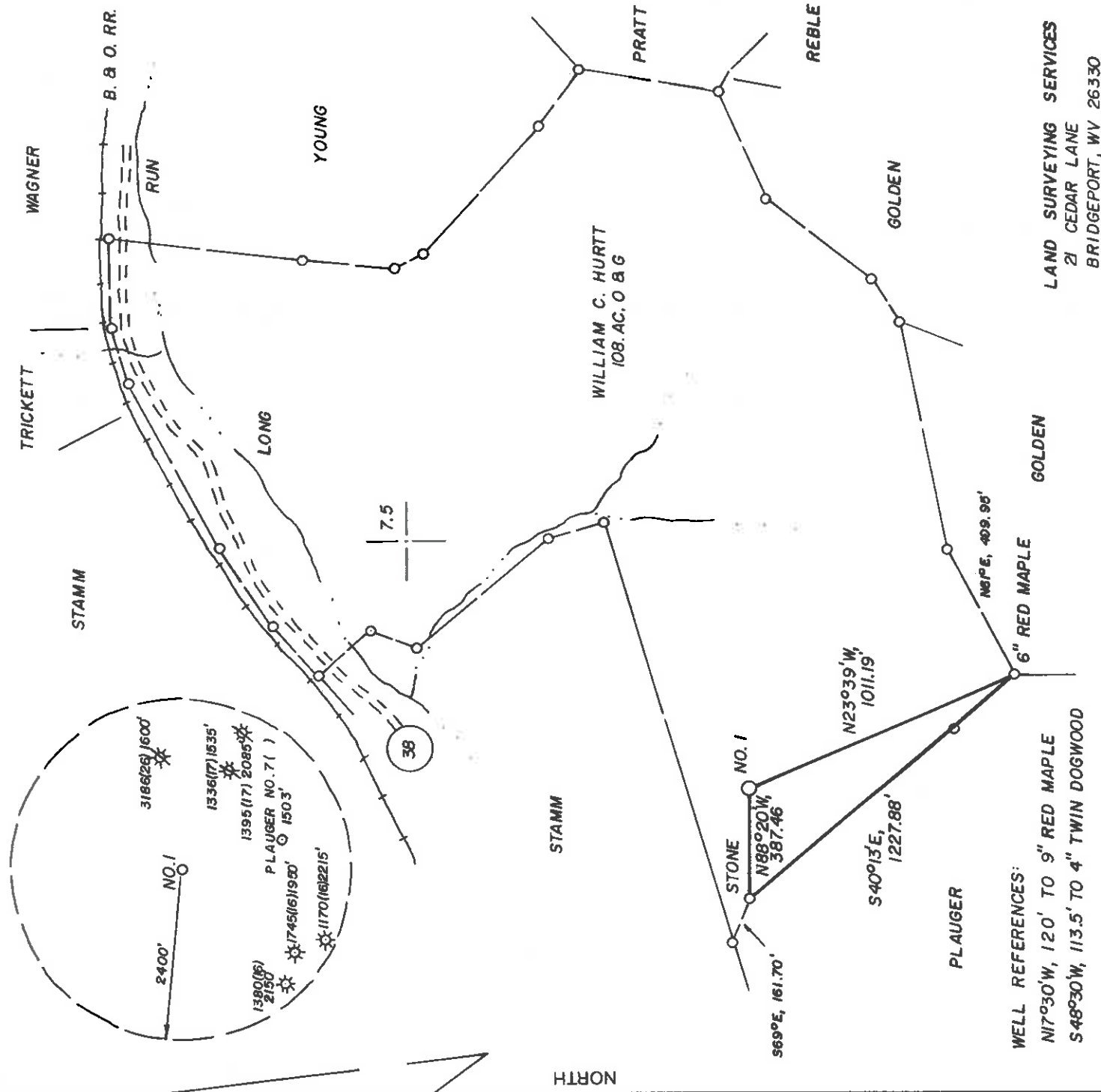


87 B 6/23/87

8050
LATITUDE 39° 17' 30"
LONGITUDE 80° 35' 00"



WELL REFERENCES:
 N17°30'W, 120' TO 9" RED MAPLE
 S48°30'W, 113.5' TO 4" TWIN DOGWOOD

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 EXISTING WELL 3186
 1600' EAST OF LOG AT ELEV. 1175'

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. _____ I.L.S. NO. 674
 STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 12, 19 87
 OPERATOR'S WELL NO. HURTT NO. 1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1325' WATER SHED LONG RUN
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE SALEM 75'
 SURFACE OWNER JAMES L. MOATS, ET AL.
 OIL & GAS ROYALTY OWNER WM. C. HURTT
 LEASE NO. _____
 LEASE ACREAGE 45.
 ACREAGE 108.

PROPOSED WORK: DRILL 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 5990'
 WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD
 ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R
 JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

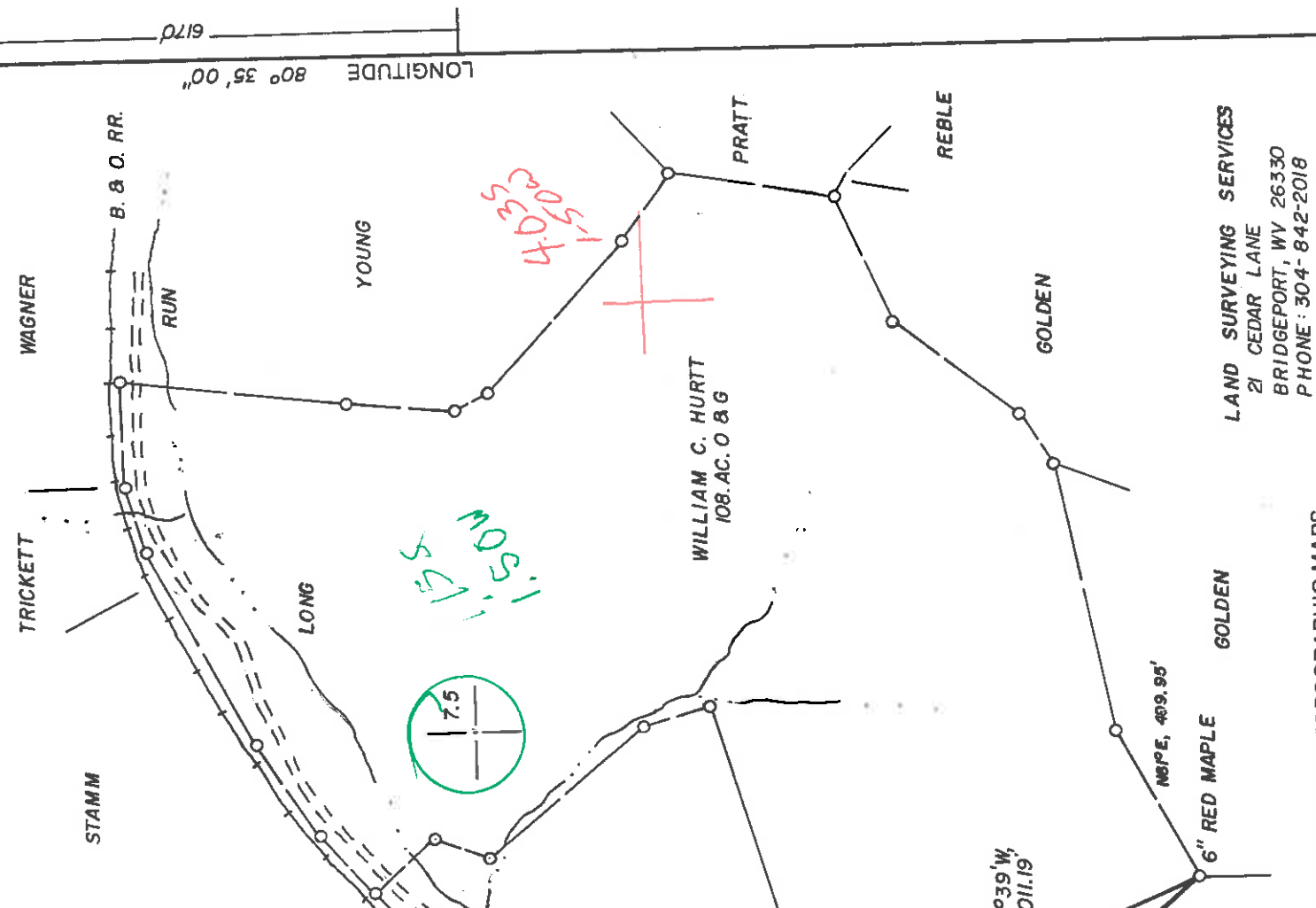
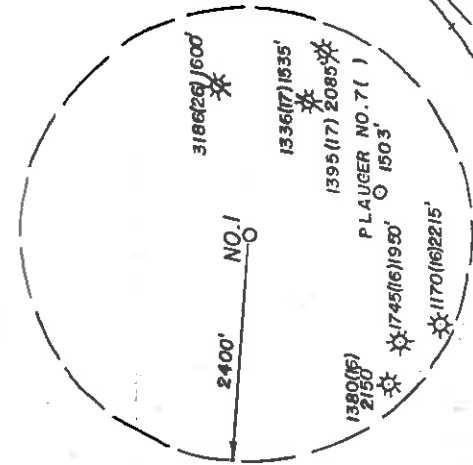
Dodd COUNTY NAME

3558 PERMIT

SEP 8 1989

87B 6/23/87

LATITUDE 39° 17' 30" ²⁰
LONGITUDE 80° 35' 00" ⁰¹⁷⁰



4.0202
1.551

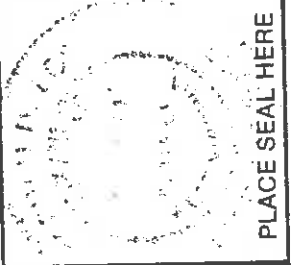
WELL REFERENCES:
 N7°30'W, 120' TO 9" RED MAPLE
 S48°30'W, 113.5' TO 4" TWIN DOGWOOD

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. 1" = 500'
 SCALE _____
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION EXISTING WELL 3186
 1600' EAST OF LOG AT ELEV 1175'

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.I.S. NO. 674
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE MAY 12, 19 87
 OPERATOR'S WELL NO. HURTT NO. 1
 API WELL NO. 47-017-3558

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS:") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1325' WATER SHED LONG RUN COUNTY DODDRIDGE
 DISTRICT GRANT 3 SALEM 7.5' 546 022 8 ACREAGE 4.5
 QUADRANGLE JAMES L. MCATS, ET AL. LEASE ACREAGE 108
 SURFACE OWNER WM. C. HURTT
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____

PROPOSED WORK: DRILL ___ 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 5990'
 WELL OPERATOR STONEWALL GAS COMPANY 345 DESIGNATED AGENT CHARLES CANFIELD
 ADDRESS P. O. DRAWER R ADDRESS JANE LEW, WV 26378-0080
 P. O. DRAWER R JANE LEW, WV 26378-0080

COUNTY NAME PERMIT



1) Date: June 2, 19 87
2) Operator's Well No. HURTT #1 181-S
3) API Well No. 47 017 3558 Permit
State County

JUN 11 1987

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

4) WELL TYPE: A Oil Gas B (If "Gas", Production Underground storage Deep Shallow
Elevation: 1325' Watershed: Long Run
District: Grant County: Doddridge 017 Quadrangle: Salem 7.5' 5 95
5) WELL OPERATOR: Stonewall Gas CODE: 47850 DESIGNATED AGENT: Charles W. Canfield
P.O. Drawer R Address: Jane Lew, WV 26378
6) WELL OPERATOR: Jane Lew, WV 26378

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name: Mike Underwood (782-1043)
Address: Rt 2, Box 114, Salem, WV 26426
9) DRILLING CONTRACTOR: S.W. Jack
Name: S.W. Jack
Address: Buckhannon, WV 26201

10) PROPOSED WELL WORK: Drill deeper Plug off old formation Perforate new formation Stimulate
Other physical change in well (specify):

11) GEOLOGICAL TARGET FORMATION, Alexander
12) Estimated depth of completed well, 5990' feet
13) Approximate traia depths: Fresh, 73 feet; salt, 1775 feet.
14) Approximate coal seam depths: 1020, 1030 Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS		Used	New	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade					
Conductor	11 3/4			X	300'	Rule 15.05	
Fresh water							
Coal	8 5/8			X	1625'	Rule 15.05	
Intermediate	4 1/2			X	5990'	Rule 15.01	
Production							
Tubing							
Liners							

Permit number 47-017-3558
Date July 2, 19 87

OFFICE USE ONLY
DRILLING PERMIT

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 July 2, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Fee	Other
			3831	
			210	

NOTE: Keep one copy of this permit posted at the drilling location.
See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

John W. Johnston
Director, Division of Oil and Gas
File

58701

