

1225 10/14/87

WELL REFERENCES:

S42°W, 141' TO 6" HICKORY
N55°30'W, 122' TO 10" IRONWOOD

5060' LATITUDE 39°15'00"

LONGITUDE 80°35'00"

0.40
0.95

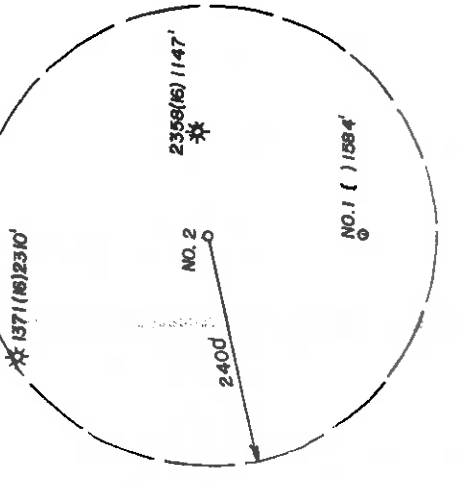
17

GREENBRIER CREEK

NO. 2

CLARK

GUM



N22°W, 643.50'

S16°W, 1864.50'

N1°57'E, 1884.65'

STONE (FOUND) WITH "WS"
S75°30'W, 621.18'

STONE (DOWN)

JONES

KELLEY

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-942-2018

(+) 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 EXIST. WELL 2358(16)
1147', EAST OF LOC. AT ELEV. 962'

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

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 8, 1987
OPERATOR'S WELL NO. PRIM NO. 2
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 980' WATER SHED GREENBRIER CREEK COUNTY GREENBRIER
DISTRICT GREENBRIER H COUNTY DODDRIDGE

QUADRANGLE BIG ISAAC 75
SURFACE OWNER RICHARD M. CLARK & JOAN I. PRIM
OIL & GAS ROYALTY OWNER R.M. CLARK & J.I. PRIM LEASE NO. _____
LEASE ACREAGE 57.34 ACREAGE 57.34

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 5900'
WELL OPERATOR STONEWALL GAS COMPANY 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

DODD COUNTY NAME

3603 PERMIT

JAN 05 1990

XFS 10/14/87

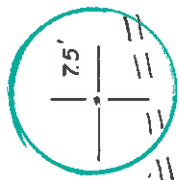
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5060'

LONGITUDE 80°35'00"



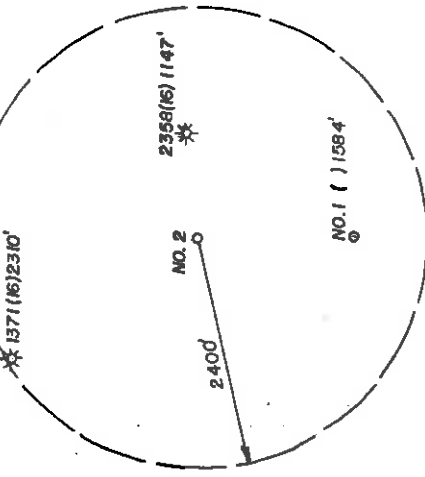
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21 CEDAR LANE
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FILE NO. _____
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ACCURACY 1 IN 200
PROVEN SOURCE OF _____
ELEVATION EXIST. WELL 2358(16)
1147' EAST OF LOC. AT ELEV. 962'

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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 APRIL 8, 19 87
OPERATOR'S WELL NO. PRIM. NO. 2
API WELL NO. _____

47-017-3603

PERMIT

STATE COUNTY

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL _____
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X _____
LOCATION: ELEVATION 980' WATER SHED GREENBRIER CREEK
DISTRICT GREENBRIER 4 COUNTY DODDRIDGE
QUADRANGLE BIG ISAAC 7.5 252 123 MCZ
SURFACE OWNER RICHARD M. CLARK & JOAN I. PRIM
OIL & GAS ROYALTY OWNER R. M. CLARK & J. I. PRIM LEASE ACREAGE 57.34

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PERMIT

NOV 2 1987

COUNTY NAME

PERMIT

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5900'
WELL OPERATOR STONEWALL GAS COMPANY DESIGNATED AGENT CHARLES CANFIELD
ADDRESS: P. O. DRAWER R 841 ADDRESS P. O. DRAWER R
JANE LEW, WV 26378-0080 JANE LEW, WV 26378-0080

24

1) Date: SEPTEMBER 29, 1987
2) Operator's Well No. PRIM #2 178-S
3) API Well No. 47-017-3603 State County Permit



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

4) WELL TYPE: A Oil Gas B (If "Gas", Production Deep Shallow
5) LOCATION: Elevation: 980 Greenbrier Creek
District: GREENBRIER 4 County: DODDRIDGE Quadrangle: BIG ISAAC 7.5'
6) WELL OPERATOR: STONEWALL GAS CO. CODE: 47850 7) DESIGNATED AGENT: CHARLES CANFIELD
Address: PO DRAWER R
JANE LEW, WV 26378-0080

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name: MIKE UNDERWOOD
Address: RT 2 BOX 135
SALEM, WV 26426
9) DRILLING CONTRACTOR:
Name: S.W. JACK
Address: BUCKHANNON, WV 26201

10) PROPOSED WELL WORK: Drill / deeper / Redrill / Stimulate
Plug off old formation / Perforate new formation
Other physical change in well (specify): ALEXANDER
11) GEOLOGICAL TARGET FORMATION, 5900' feet
12) Estimated depth of completed well, 100,655 feet salt, 1100 feet.
13) Approximate strata depths: Fresh ~~745~~ 123,966 coal being mined in the area? Yes No
14) Approximate coal seam depths: 745
15) CASING AND TUBING PROGRAM From Dodd-1370, 1371, 2358, 2926

CASING OR TUBING TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	New	Used		
Conductor	11 3/4		X		150	CT38CSR18-1 Kinds
Fresh water						
Coal	8 5/8		X		1500	CT38CSR18-1 Sizes
Intermediate	4 1/2		X		5500	38CSR18-1 Diphs set
Production						
Tubing						
Liners						
						Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT
Permit number 47-017-3603 Date October 26, 1987

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. **October 26, 1989**
Permit expires unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <i>[Signature]</i>	Fee: 233	MPDP: <i>[Signature]</i>	Other: <i>[Signature]</i>
		4071		

NOTE: Keep one copy of this permit posted at the drilling location.
Director, Division of Oil and Gas
See the reverse side of the APPLICANT'S COPY for instructions to the well operator. File

10967

