

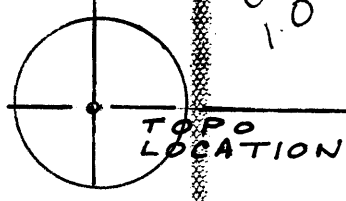
NOTE:
 REFERENCE POINTS ARE THE OAK AND BEECH AT 146 AND 96.5 AS SHOWN.
 SOLID LINES WERE SURVEYED AND BROKEN LINES ARE FROM DEEDS.

NORTH

5700

LATITUDE 39° 42' 30"

LONGITUDE 80° 47' 30"



FILE NO. 89-7349
 DRAWING NO. 89-7349
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 IN 1000
 PROVEN SOURCE OF ELEVATION BM 635 ON NEW MARTINSVILLE TOPO

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) Henry M. Parsons
 R.P.E. _____ L.L.S. No. 98



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE DEC. 1, 1989, 1989
 OPERATOR'S WELL NO. HAFER No. 1
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 717 WATER SHED PROCTOR CREEK
 DISTRICT PROCTOR 7 COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE 15' NE
 SURFACE OWNERS STEVEN & SUSAN HAFER ACREAGE 9
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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 _____ ESTIMATED DEPTH _____
 WELL OPERATOR Ohio L&M Co. Inc. DESIGNATED AGENT Jack Kutz
 ADDRESS 4150 BIRDEN VILLAGE ST. NW. Suite 410 ADDRESS 600 Commerce Square, Box 3233
Canton, Ohio 44716 626 Charleston, W.V.
 JOB No. 89-7349

COUNTY NAME PERMIT

103 1467
 issued 4/9/90
 Page 1 of 1
 Expires 4/9/92

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

- 1) Well Operator: ⁶²⁶ Ohio L&M Company, Inc. 35425 (7) 508
- 2) Operator's Well Number: Hafer #1 3) Elevation: 717'
- 4) Well type: (a) Oil ___ / or Gas X /
 (b) If Gas: Production X / Underground Storage ___ /
 Deep ___ / Shallow ___ /
- 5) Proposed Target Formation(s): Big Injun 371
- 6) Proposed Total Depth: 1525' feet
- 7) Approximate fresh water strata depths: 0-150' 400' 130'
- 8) Approximate salt water depths: 700-1475' 1125'
- 9) Approximate coal seam depths: 223'-225', 337'-341', 367'-370'
- 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 Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	8 5/8"	J-55	24.00		200.00'	CTS
Coal						3858-1871.3 3859-11.2
Intermediate	5 1/2"	J-55	14.00		1473.00'	CTS
Production	2 7/8"	J-55	6.50	1521.00	1521.00'	-0-
Tubing	1 1/2"	J-55	1.90		1500.00'	-0-
Liners						

PACKERS : Kind none anticipated (hookwall/formation only if well does not produce natural gas)
 Sizes _____
 Depths set 1450'

For Division of Oil and Gas Use Only

02213
 2 Fee(s) paid: 2 Well Work Permit 2 Reclamation Fund 2 WPCP
1 Plat 1 WW-9 1 WW-2B 1 Bond 1000000 (Type) 1 Agent

10/10/

RECEIVED
FEB 05 1990
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: _____
Operator's well number
Hafer #1
API Well No: 47 - 103 - 1467
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 Steven & Susan Hafer
Address Route #1, Box 85
Proctor, WV 26055
(b) Name _____
Address N/A
(c) Name _____
Address N/A
6) Inspector Mike Underwood
Address Route #2, Box 135
Salem, WV 26246
Telephone (304)-782-1043

5) (a) Coal Operator:
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name N/A
Address _____
Name N/A
Address _____
(c) Coal Lessee with Declaration
Name N/A
Address _____

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
 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)
 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 Ohio L&M Company, Inc.
By: Thomas K. Trudeau
Its: President
Address 4150 Belden Village St. NW, Suite 410
Canton, Ohio 44718
Telephone (216) 493-0440

Subscribed and sworn before me this 14th day of January, 1990
Teri D. Smith
My commission expires September 15, 1994 Notary Public