

FILE NO. M.B. 5,6

DRAWING NO. _____

SCALE 1" = 500'

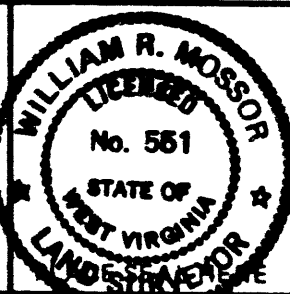
MINIMUM DEGREE OF ACCURACY 1:200

PROVEN SOURCE OF ELEVATION HIGH POINT 1075

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) *William R. Mossor*

R.P.E. _____ L.L.S. 551



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

FORM IV-6 (8-78)

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW

LOCATION: ELEVATION 1097' WATER SHED SUGAR CREEK

DISTRICT LAFAYETTE 3 COUNTY PLEASANTS

QUADRANGLE BENS RUN 240 116 ECC

SURFACE OWNER WESTVACO ACREAGE 63

OIL & GAS ROYALTY OWNER C. B. TICE LEASE ACREAGE 125

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 BIG INJUN ESTIMATED DEPTH 2500'

WELL OPERATOR AMERICAN PIPELINE DESIGNATED AGENT BERNARD TICE

ADDRESS 210 SECOND ST., P.O. BOX C ADDRESS 210 SECOND ST. P.O. BOX C
ST. MARYS, WVA. 26170 442 ST. MARYS, WVA. 26170

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE 10 DECEMBER 19 85

OPERATOR'S WELL NO. CAMPBELL #3

API WELL NO. 47-073-1996

STATE COUNTY PERMIT

DEC 30 1985

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

13 Perfs 2004' - 2016'

Fraced with 830 bbls. H2O 20,000 lbs. 20/40 Sand

Instant Shut-In 1500 lbs. 5 min. 1210 lbs.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale & Sand			0	210	fresh water
Red & Brown Shale			210	1120	
Cow Run			1120	1132	
Shale			1132	1900	
Lime			1904	1940	
Big Injun Gr & P			2000	2152	oil & gas
Shale			2152	<u>2248 TD</u>	

(Attach separate sheets as necessary)

American Pipeline & Exploration Company
Well Operator

By: Donald J. [Signature]

Date: April 28, 1986

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

7/85

RECEIVED
DEC 13 1985



1) Date: Dec. 11, 1985
 2) Operator's Well No. Campbell #3
 3) API Well No. 47-073-1996
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 1097' Watershed: Sugar Creek
 District: Lafayette 442 County: Pleasants Quadrangle: Bens Run
- 6) WELL OPERATOR American Pipeline CODE: 1775 7) DESIGNATED AGENT Bernard Tice
 Address & Exploration Company Address 210 2nd Street
210 2nd St., St. Marys, WV 26170 St. Marys, WV 26170
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert Lowther Name Unknown
 Address Middlebourne, WV 26149 Address _____
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Big Injun 371
- 12) Estimated depth of completed well, 2500 feet
 13) Approximate strata depths: Fresh, 60 feet; salt, N/A feet.
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ / No XX /
- 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	Left in well		
Conductor									Kinds
Fresh water	7"		17	X		300'	300'	to surface	<i>by rule 15.05</i>
Coal									Sizes
Intermediate									Depths set
Production	4 1/2"		9.5	X		2500'	2500'	1000' fill	
Tubing									Perforations:
Lin...									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-073-1996

December 20 1985
 Date

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 December 20, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>FB</u>	Plat: <u>MW</u>	Casing: <u>MW</u>	Fee: <u>493</u>	WPCP: <u>MW</u>	S&E: <u>MW</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]
 Director, Division of Oil and Gas

File

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