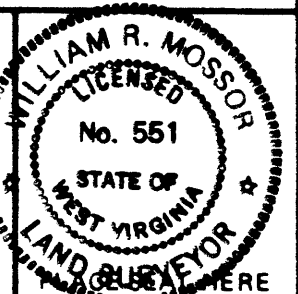


FILE NO. M84-G
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH PT. 1075' 4600' SW OF LOC.

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 986' WATER SHED SUGAR CREEK
 DISTRICT LAFAYETTE COUNTY PLEASANTS
 QUADRANGLE BENS RUN 7 1/2' 241 116 806
 SURFACE OWNER WESTVACO ACREAGE 21 1/2
 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 2200'
 WELL OPERATOR AMERICAN PIPELINE DESIGNATED AGENT BERNARD TICE
 ADDRESS 210 SECOND ST., P.O. BOX C ST. MARYS, W.V. 26170 ADDRESS 210 SECOND ST., P.O. BOX C ST. MARYS, W.V. 26170

DATE 20 NOVEMBER, 19 85
 OPERATOR'S WELL NO. CAMPBELL #2
 API WELL NO. _____
47 - 073 - 1992
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

NOV 23 1985

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

11 Perfs 1900' - 1910'

Fraced with 769 bbls. H2O, 20,000 lbs. 20/40 sand

Instant Shut-In 1490 lbs. 5 min. 1000 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 & Sandstone			0	220	fresh water
Red & Brown Shale			220	958	
Cow Run			958	981	
Shale			981	1780	
Lime			1780	1832	
<u>Injun Sand</u> Gr & pe			1832	2030	oil & gas
Shale			2030	<u>2148 TD</u>	

(Attach separate sheets as necessary)

American Pipeline & Exploration Company
Well Operator

By: Bernard Lee

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."

RECEIVED
DEC - 5 1985



1) Date: Nov. 27, 1985
 2) Operator's Well No. Campbell #2
 3) API Well No. 47-073-1992
 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 XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 986' Watershed: Sugar Creek
 District: Lafayette 442 County: Pleasants Quadrangle: Bens Run 7 1/2'
- 6) WELL OPERATOR American Pipeline & Exploration Company CODE: 1775 7) DESIGNATED AGENT Bernard Tice
 Address 210 2nd St., St. Marys, WV 26170 Address 210 2nd Street
St. Marys, WV 26170
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Lowther 9) DRILLING CONTRACTOR:
 Address Middlebourne, WV 26149 Name Unknown
 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 trata depths: Fresh, 2/30 50 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	<u>By rule 15.05</u>
Coal									Sizes
Intermediate									
Production	4 1/2'		9.5	X		2500'	2500'	1000' fill up	Depths set
Tubing									
Lin...									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number: 47-073-1992 Date: December 13 1985

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 13, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>FLB</u>	Plat: <u>mx</u>	Casing: <u>mx</u>	Fee: <u>425</u>	WPCP: <u>mx</u>	S&E: <u>mx</u>	Other: _____
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[Signature]
 Director, Division of Oil and Gas

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.