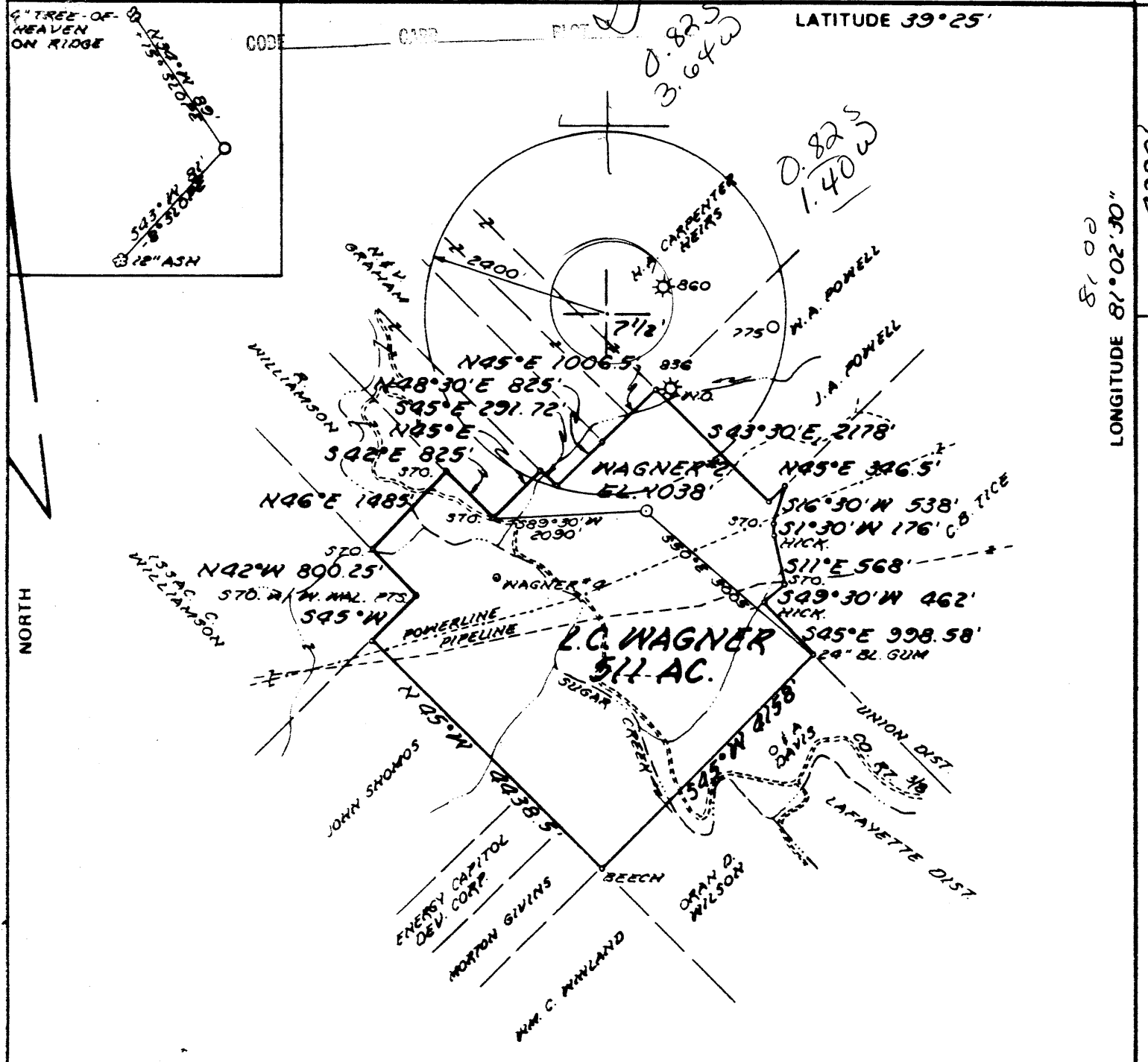


12-5-85

7290'

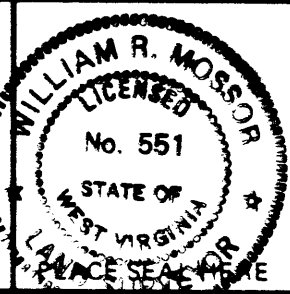
LATITUDE 39°25'

LONGITUDE 81°02'30"



FILE NO. MB3-6
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION HIGH PT. 1058' 3275' NE 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)



DATE 10 NOVEMBER 19 85
 OPERATOR'S WELL NO. WAGNER #2
 API WELL NO. _____
47 - 073 - 1987
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1038' WATER SHED SUGAR CREEK
 DISTRICT UNION 5 COUNTY PLEASANTS
 QUADRANGLE BENS RUN 7 1/2' 241 _____ 116 EC6
 SURFACE OWNER W. VA. PULP & PAPER ACREAGE 511
 OIL & GAS ROYALTY OWNER L.C. WAGNER LEASE ACREAGE 511
 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 2900'
 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

DEC 16 1985

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MAY - 5 1986



WR-35

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date April 28, 1986
Operator's
Well No. Wagner #2
Farm L.C. Wagner
API No. 47 - 073 - 1987

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil XX / Gas XX / Liquid Injection___/ Waste Disposal___/
(If "Gas," Production XX / Underground Storage___/ Deep___/ Shallow XX/)

LOCATION: Elevation: 1038' Watershed Sugar Creek
District: Union County Pleasants Quadrangle Bens Run 7 1/2'

COMPANY American Pipeline & Exploration Company

ADDRESS 210 2nd St., St. Marys, WV 26170

DESIGNATED AGENT Bernard Tice

ADDRESS 210 2nd St., St. Marys, WV 26170

SURFACE OWNER Westvaco Corp.

ADDRESS Parkersburg, WV 26101

MINERAL RIGHTS OWNER W.J. Elliott

ADDRESS Rt. 3, St. Marys, WV 26170

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Middlebourne, WV 26149

PERMIT ISSUED 12-5-85

DRILLING COMMENCED 12-05-85

DRILLING COMPLETED 12-07-85

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

| Casing & Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. |
|------------------------|---------------------|-----------------|------------------------------|
| Size 20-16 Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | | | |
| 7 | 291 | 291 | 50 sks |
| 5 1/2 | | | |
| 4 1/2 | 2182 | 2182 | 60 sks |
| 3 | | | |
| 2 | | | |
| Liners used | | | |

GEOLOGICAL TARGET FORMATION Big Injun Depth 2200 feet

Depth of completed well 2205 feet Rotary XX / Cable Tools _____

Water strata depth: Fresh 75 feet; Salt N/A feet

Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2028 - 2046 feet

Gas: Initial open flow 90 Mcf/d Oil: Initial open flow 4 Bbl/d

Final open flow 90 Mcf/d Final open flow 4 Bbl/d

Time of open flow between initial and final tests 48 hours

Static rock pressure 360 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

MAY 12 1986

(Continue on reverse side)

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

14 Perfs 2028' - 2036'

Fraced with 550 bbls. H2O, 14,028 lbs. 20/40 Sand

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 | | | 0 | 80 | fresh water |
| Red Shale | | | 80 | 360 | |
| Gray Shale | | | 360 | 515 | |
| Shale | | | 515 | 820 | |
| Gray Shale | | | 820 | 960 | |
| Red Shale | | | 960 | 1030 | |
| Cow Run | | | 1030 | 1045 | oil |
| Big Lime | | | 1842 | 1902 | |
| <u>Big Injun G&G</u> 20. | | | 1950 | 2110 | oil & gas |
| Shale | | | 2110 | <u>2205 TD</u> | |

(Attach separate sheets as necessary)

American Pipeline & Exploration Company
Well Operator

By: Bernard 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 ..., encountered in the drilling of a well."

7/85

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DEC - 5 1985



1) Date: Nov. 27, 1985
 2) Operator's Well No. Wagner #2
 3) API Well No. 47-073-1987
 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: 1038' Watershed: Sugar Creek
 District: Union 442 County: Pleasants Quadrangle: Bens Run 7 1/2'
- 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 trata 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 | | | | | | | | | |
| 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: 47-073-1987

December 5 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 5, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

| | | | | | | | |
|-------|------------|-----------|-----------|------------|-----------|-----------|-----------|
| Bond: | Agent: | Plat: | Casing | Fee | WPCP | S&E | Other |
| | <i>ALB</i> | <i>mb</i> | <i>mb</i> | <i>425</i> | <i>mb</i> | <i>mb</i> | <i>mb</i> |

John Johnston by Margaret Hesse
 Director, Division of Oil and Gas
 File

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.