

COORDINATES - STA.
 354 - N 185,177.51
 W 106,701.27
 363 - N 170,574.73
 W 108,868.84

NOTE: THIS SURVEY IS TIED INTO THE COORDINATE SYSTEM OF EASTERN ASSOCIATED COAL CORP. (HARRIS OPER.)

CHARLESTON NATIONAL BANK, Trustees
 D.B. 71 P. 158

COAL OPERATOR:
 EASTERN ASSOCIATED COAL CORP.
 KOPPERS BUILDING
 PITTSBURGH, PA. 15228

FILE NO. 600
 DRAWING NO. 5
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1" = 10,000'
 PROVEN SOURCE OF ELEVATION U.S. DEPT. OF INT. 58 A.F.K. 1965 G.S.

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) [Signature]
 R.P.E. 3894 L.L.S. _____

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE MAY 17, 19 80
 OPERATOR'S WELL NO. 5
 API WELL NO. 47-005-1318-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

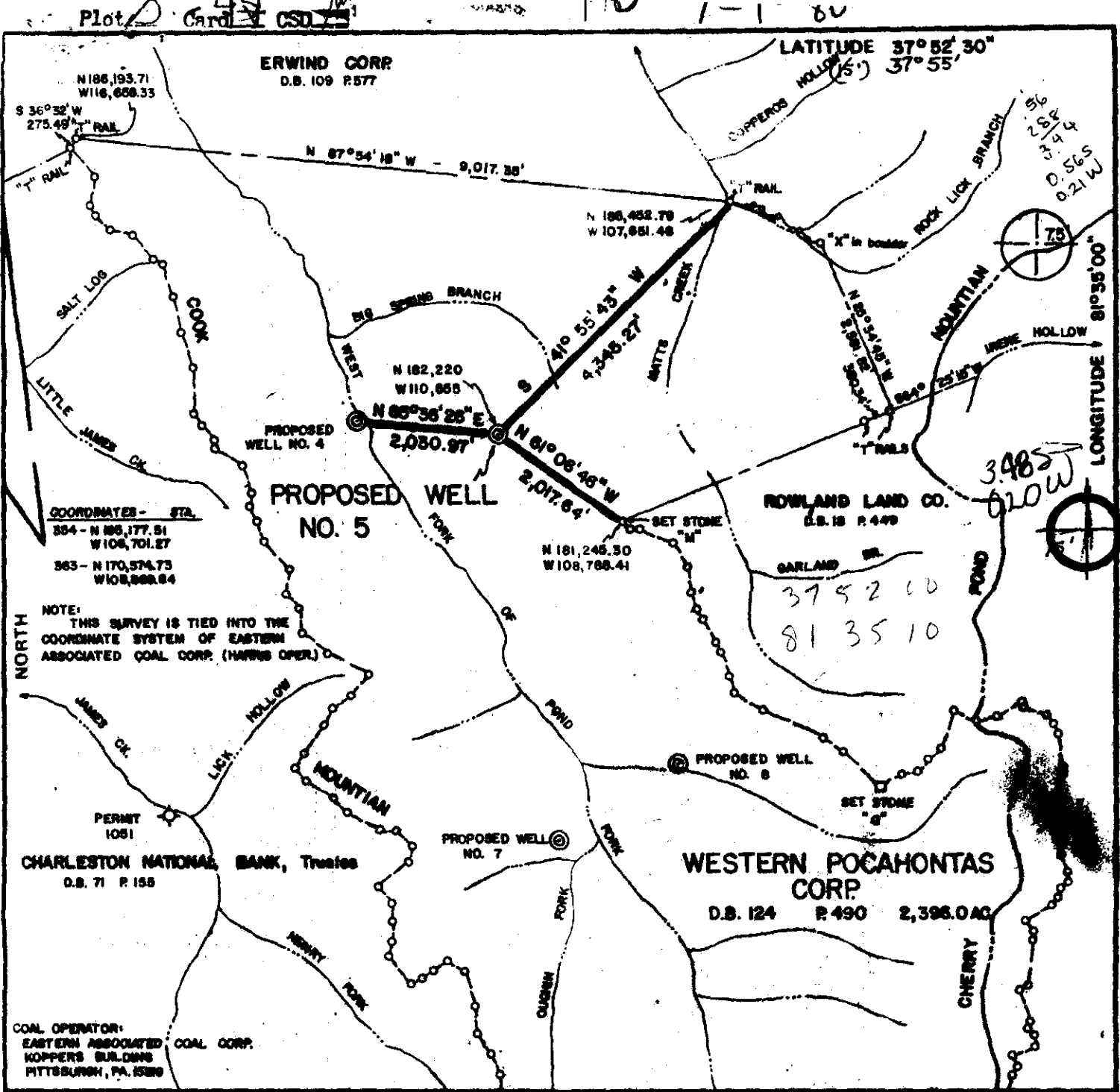
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2,404.60' WATERSHED WEST FORK OF POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB (75) series BALD KNOB 15'
 SURFACE OWNER WESTERN POCAHONTAS CORP. ACREAGE 2,396.0 AC.
 OIL & GAS ROYALTY OWNER WESTERN POCAHONTAS CORP. LEASE ACREAGE 2,396.0 AC.
 LEASE NO. 8087
 PROPOSED WORK: DRILL X 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 WEIR ESTIMATED DEPTH 4170
 WELL OPERATOR TEXAS INTER-L PETR. CORP. DESIGNATED AGENT JAMES M. BLANTON
 ADDRESS SUITE 800 NATIONAL FOUNDATION CENTER ADDRESS SUITE 740 ONE VALLEY SQUARE
3655 N.W. 58 TH ST. OKLAHOMA CITY, OKLAHOMA 73112 CHARLESTON, WEST VIRGINIA 25301

DEC 5 1980

10

10



FILE NO. 600
 DRAWING NO. 5
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:10,000
 PROVEN SOURCE OF ELEVATION U.S. DEPT. OF INT. 58 A.F.K. 1965 G.S.

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 (SIGNED) [Signature]
 R.P.E. 39 L.L.S.

PLACE SEAL HERE

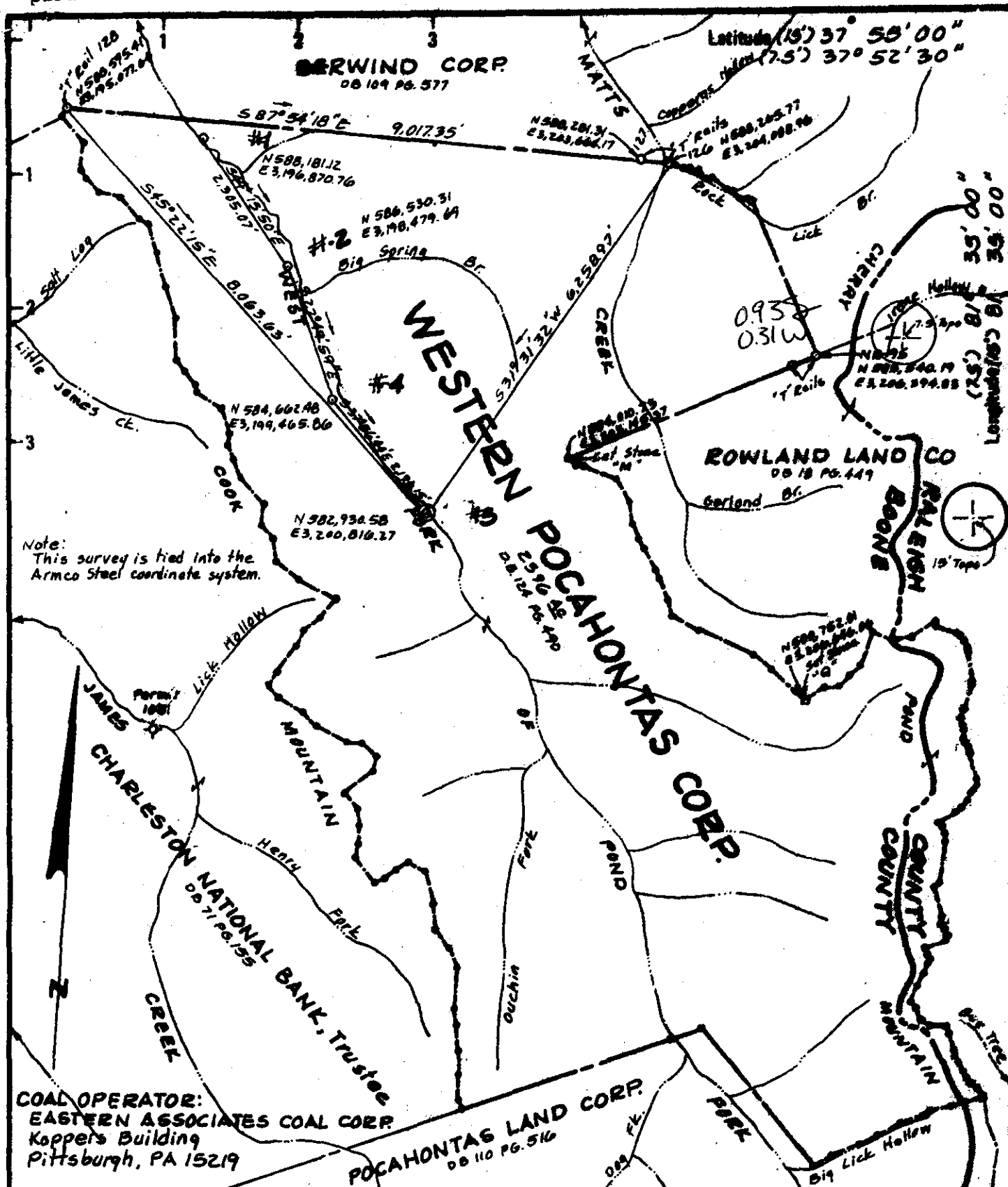
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 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 2,404.60' WATER SHED WEST FORK OF POND FORK
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 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION WEIR ESTIMATED DEPTH 4170
 WELL OPERATOR TEXAS INTER-L. PETR. CORP. DESIGNATED AGENT JAMES M. BLANTON
 ADDRESS SUITE 200 NATIONAL FOUNDATION CENTER ADDRESS SUITE 740 ONE VALLEY SQUARE
3535 N.W. 58 TH ST. OKLAHOMA CITY, OKLAHOMA 73112 CHARLESTON, WEST VIRGINIA 25301

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 19 80
 OPERATOR'S WELL NO. 5
 API WELL NO. 47-005-1318 Rev
 STATE COUNTY PERMIT

6-2 HOPKIN FORK - JARROLD VALLEY 247 AUG 1 1980





COAL OPERATOR:
 EASTERN ASSOCIATES COAL CORP.
 Koppers Building
 Pittsburgh, PA 15219

- New Location
- Drill Deeper
- Abandonment

Minimum Error of Closure $1/5,000'$
 Source of Elevation U.S.G.S. Bench Mark No. 57 AFK located on West Fork approx. 2,400' upstream from Big Spring Branch. Elevation 1515.924
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."
L.G. Sturfill

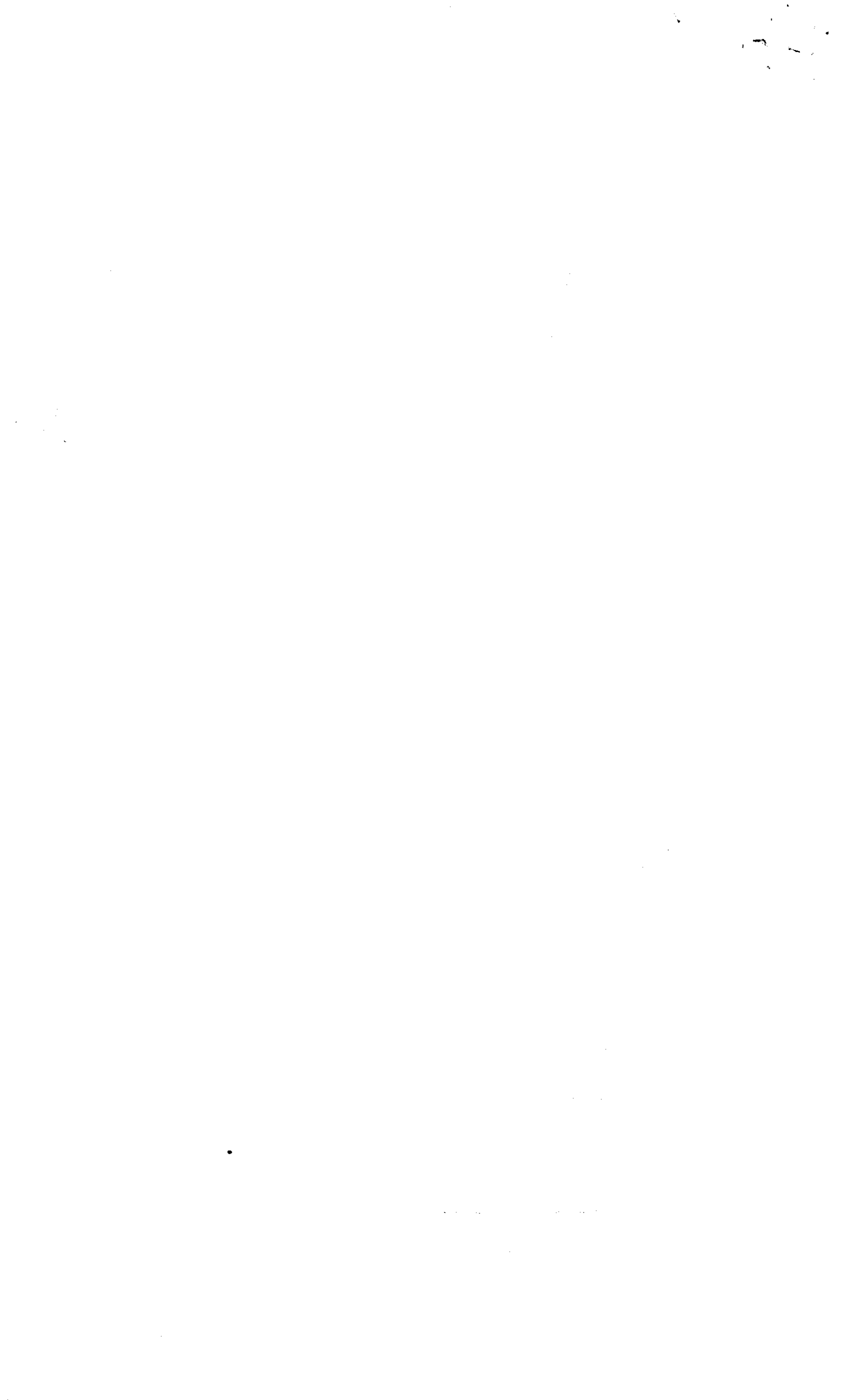
| | | |
|-----------------------------|---|--------------------------|
| Company | TIPCO TEXAS INTERNATIONAL PETROLEUM CORPORATION | |
| Address | SUITE 740 - ONE VALLEY SQUARE CHARLESTON, WEST VIRGINIA | |
| Farm | WESTERN POCAHONTAS CORP. | |
| Tract | Acres <u>2396</u> | Lease No. <u>8087</u> |
| Well (Farm) No. | <u>5</u> | Serial No. |
| Elevation (Spirit Level) | <u>1542.78 C</u> | |
| Quadrangle | <u>7.5' Pilot Knob / 15' Bald Knob</u> | |
| County | <u>Boone</u> | District <u>Crook</u> |
| Engineer | <u>L.MAPPING, INC. - L.G. Sturfill, LLS</u> | |
| Engineer's Registration No. | <u>412</u> | |
| File No. | <u>W75-2 W.O. 182</u> | Drawing No. <u>D-115</u> |
| Date | <u>12-14-77</u> | Scale <u>1" = 2000'</u> |

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. B00-1318

- + Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

MAY 15 1980





RECEIVED

OCT 29 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Pilot Knob 7.5'

Permit No. 47-005-1318-Rev.

| | | | | |
|--|-------------------|------------------|--------------|-------------------------------|
| Company <u>Texas International Petroleum Corporation</u> | Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
| Address <u>Suite 740, One Valley Square, Chas., WV</u> | | | | |
| Farm <u>Western Pocahontas Corp. Acres 2396.0</u> | Size | | | |
| Location (waters) <u>West Fork of Pond Fork</u> | 20-16 | | | |
| Well No. <u>5</u> Elev. <u>2404.60'</u> | Cond. | | | |
| District <u>Crook</u> County <u>Boone</u> | 13-10" 11-3/4' | 32' | 32' | to surface. |
| The surface of tract is owned in fee by _____ | 9 5/8 | | | |
| <u>Western Pocahontas Corporation</u> | 8 5/8 | 2473' | 2473' | 75 sx Halliburton Lt. |
| Address <u>Huntington, West Virginia 25071</u> | 7 | | | |
| Mineral rights are owned by <u>Western Pocahontas Corp.</u> Address <u>Huntington, West Virginia</u> | 5 1/2 | | | |
| Drilling Commenced <u>September 12, 1980</u> | 4 1/2 | | | |
| Drilling Completed <u>September 25, 1980</u> | 3 | | | |
| Initial open flow <u>N/M</u> cu. ft. --- bbls. | 2 | | | |
| Final production --- cu. ft. per day <u>N/A</u> bbls. | Liners Used | | | |
| Well open _____ hrs. before test _____ RP. | | | | |
| Well treatment details: | | | | |

Plugged and Abandoned

Attach copy of cementing record.

Coal was encountered at 124-127', 214-219', 458-466', 2428-2431'
Fresh water 290' Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|-----------------|-------|--------------|----------|-------------|--|-----------|
| Sandstone | Gray | Hard | 0 | 124 | | |
| Coal | Black | | 124 | 127 | Coal @ 124-127'. | |
| Sand | | | 127 | 214 | | |
| Coal | Black | | 214 | 219 | Coal @ 214'-219'. | |
| Sand & Shale | | | 219 | 327 | 1/2" fresh water @ 290'. | |
| Sand | | | 356 | 458 | | |
| Coal | | | 458 | 466 | Coal @ 458'-466'. | |
| Sand & Shale | | | 466 | 1800 | | |
| Shale & Sand | | | 1800 | 2428 | | |
| Coal | | | 2428 | 2431 | Coal @ 2428'-2431'. | |
| Sand & Shale | | | 2431 | 2580 | | |
| Sand | | | 2580 | 2730 | | |
| Lime | | | 2730 | 2810 | | |
| Sand | | | 2810 | 2845 | | |
| Shale | | | 2845 | 2970 | | |
| Sand | | | 2970 | 3180 | | |
| Sand & Shale | | | 3180 | 3530 | | |
| Big Lime | | | 3530 | 3753 | Test @ 3753', 7" water - smell of gas | |
| Sand & Shale | | | 3753 | 3885 | | |
| Upper Weir Sand | | | 2885 | 3905 | Test @ 3905', 8/10 thru 2" = 119 MCF | |
| Sand & Shale | | | 3905 | 4035 | | |
| Lower Weir | | | 4035 | 4065 | Test @ 4065', 8/10 thru 2" | |
| Sand & Shale | | | 4065 | 4205 | Test @ 4158', 8/10 thru 2" = 51900 CF. | |



THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Falcon Drilling Company NAME James M. Blanton
 ADDRESS 2030 Kanawha Blvd., Charleston, WV ADDRESS 740-One Valley Sq., Charleston, WV
 TELEPHONE (304) 343-0542 TELEPHONE (304) 345-3430
 ESTIMATED DEPTH OF COMPLETED WELL: 4170' ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Weir
 TYPE OF WELL: OIL _____ GAS X COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LEFT IN WELL | CEMENT PUT UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|------------------------------------|
| 20 - 16 | | | |
| 13 - 10 (11-3/4") | 50' | 50' | None |
| 9 - 5/8 | | | |
| 8 - 5/8 | 2400' | 2400' | Cement to surface. |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 4170' | 4170' | Cement w/100-200 sacks. |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

None

APPROXIMATE FRESH WATER DEPTHS indicated FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 479-485'; 586-590'; 752-755'; 847-850'; 1044-1048'; 1259-1263'.
 IS COAL BEING MINED IN THE AREA? Yes BY WHOM? Eastern Associated Coal Co.

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for Eastern Associated Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the Eastern Associated Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
MAR 27 1980

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 26, 1980

Surface Owner Western Pocahontas Corporation

Company Texas International Petroleum Corp.

Address Huntington, West Virginia 25718

Address 740 One Valley Square, Chas., W. Va.

Mineral Owner Western Pocahontas Corporation

Farm Western Pocahontas Corp. Acres 2396

Address Huntington, West Virginia 25718

Location (waters) West Fork of Pond Fork

Coal Owner Western Pocahontas Corporation

Well No. 5 Elevation 1542.78

Address Huntington, West Virginia 25718

District Crook County Boone

Coal Operator Eastern Associated Coal Corp.

Quadrangle 7.5' Pilot Knob, 15' Bald Knob

Address Koopers Building, Pittsburgh, Pa.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 12-11-80.

INSPECTOR
TO BE NOTIFIED Arthur St. Clair

ADDRESS P. O. Box 157, Brenton, W. Va. 24818

PHONE 732-6227

Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated January 1, 1973 by Western Pocahontas Corp. made to Patrick Petroleum Corp. and recorded on the 6th day of August 1973 in Boone County, Book 20 Page 601

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia

Very truly yours,
(Sign Name) Texas International Petroleum Corp.
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address Suite 740 - One Valley Square
of Street
Well Operator Charleston
City or Town
West Virginia 25301
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-005-1318 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by

Date: October 26, 1980

FORM IV-38

Operator's Well No. Western Pocahontas #5

[08-78]

API Well No. 47 - 005 - 1318
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow ___ /
LOCATION: Elevation: 2404.60' Watershed: West Fork of Pond Fork
District: Crook County: Boone Quadrangle: Pilot Knob 7.5'

WELL OPERATOR Texas International Petroleum Corp. DESIGNATED AGENT James M. Blanton
Address 740 One Valley Square Address 740 One Valley Square
Charleston, West Virginia 25301 Charleston, West Virginia 25301

STATE OF WEST VIRGINIA,)
COUNTY OF Kanawha) SS:

E. T. Sherman and -----

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by Texas International Petroleum Corp. the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on September 26, 1980, and completed on September 26, 1980, in the following manner:

PERMITTED WORK: Plug and abandon X / Clean out and replug ___ /

RECEIVED

PLUGGING MATERIALS

| Type of Cement | Other Materials | Depth | Thickness |
|----------------|-----------------|-------|-----------|
| | Gel | 4205 | 335' |
| Cement | | 3870 | 50' |
| | Gel | 2525' | 1295' |
| Cement | | 2425' | 100' |
| | Gel | 50 | 2375' |
| Cement | | 0 | 50' |

Bridge Plugs Used--Type and Depth

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r ___ / Contractor X /
Rig time: ___ days plus ___ hours

COAL SEAMS (NAMES AND DEPTHS) **OCT 29 1980**

124-127'
214-219' OIL & GAS DIVISION
458-466' DEPT. OF MINES
2428-2431'

DESCRIPTION OF WELL MONUMENT

8" casing, 30" above surface with well permit number, company name and dated abandoned imprinted in cement.

E. T. Sherman Jr. (SEAL)

(SEAL)

Subscribed and sworn to before me this
26th day of October, 1980.
My commission expires January 12, 1982.

Notary Public

