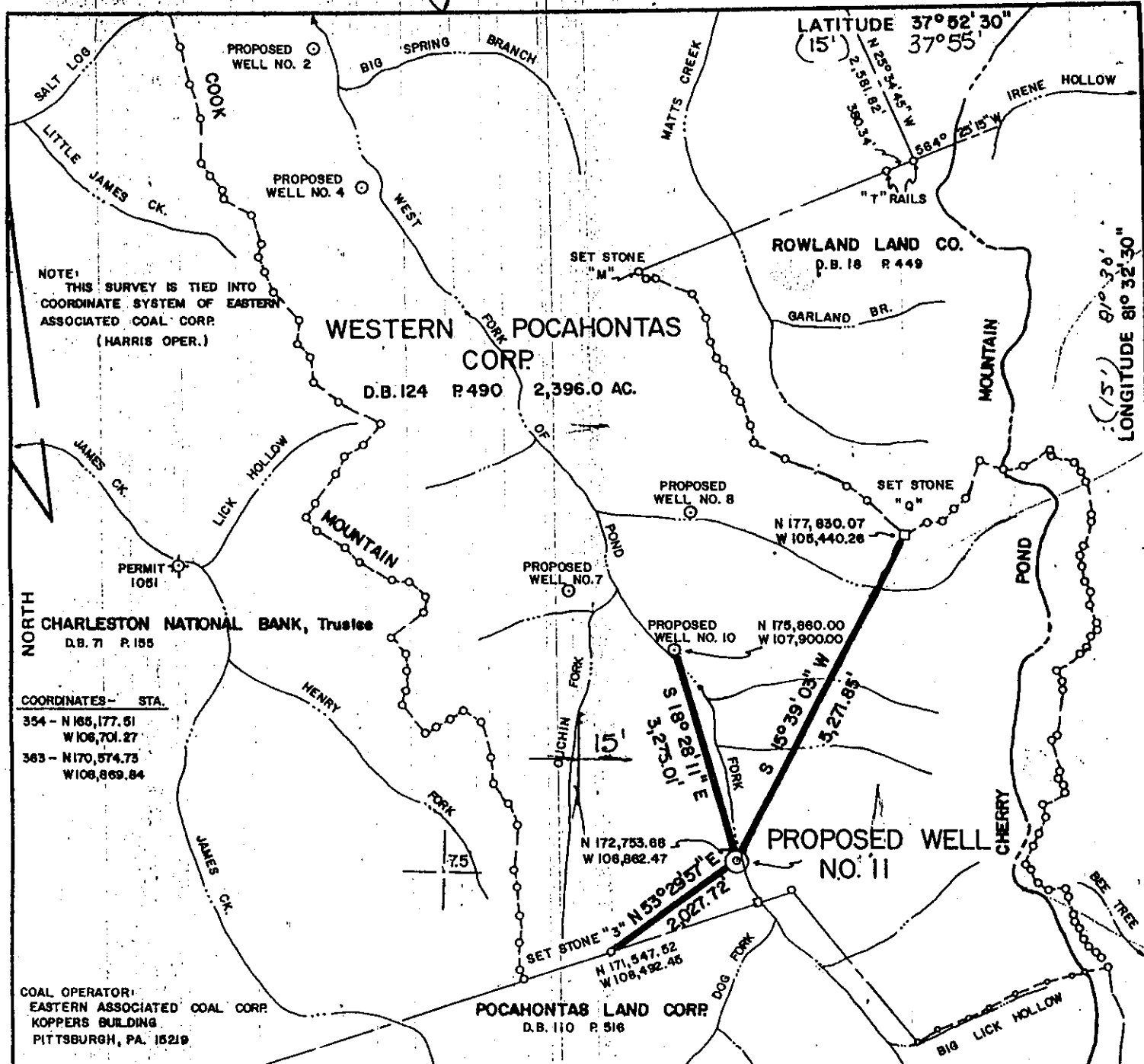


9550



COORDINATES - STA.

354	N 185,177.51
	W 106,701.27
363	N 170,574.75
	W 108,869.84

COAL OPERATOR:
 EASTERN ASSOCIATED COAL CORP.
 KOPPERS BUILDING
 PITTSBURGH, PA. 15219

FILE NO. 600
 DRAWING NO. 11
 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. 3994 L.L.S. _____

PLACE SEAL HERE

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

FORM IV-6 (8-78)



DATE MAY, 19 80
 OPERATOR'S WELL NO. 11
 API WELL NO. 47-005-1327 REV P
 STATE COUNTY PERMIT 6

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 1,769.19' WATERSHED WEST FORK OF POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB 15' series PILOT 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 15' ESTIMATED DEPTH 3500

WELL OPERATOR EASTERN ASSOC. COAL SIGNED AGENT [Signature]
 ADDRESS SUITE HCR 78 Box 113 ADDRESS SUITE ED HOY
3535 NW. 58 TH W HARTON WV CITY SAUG

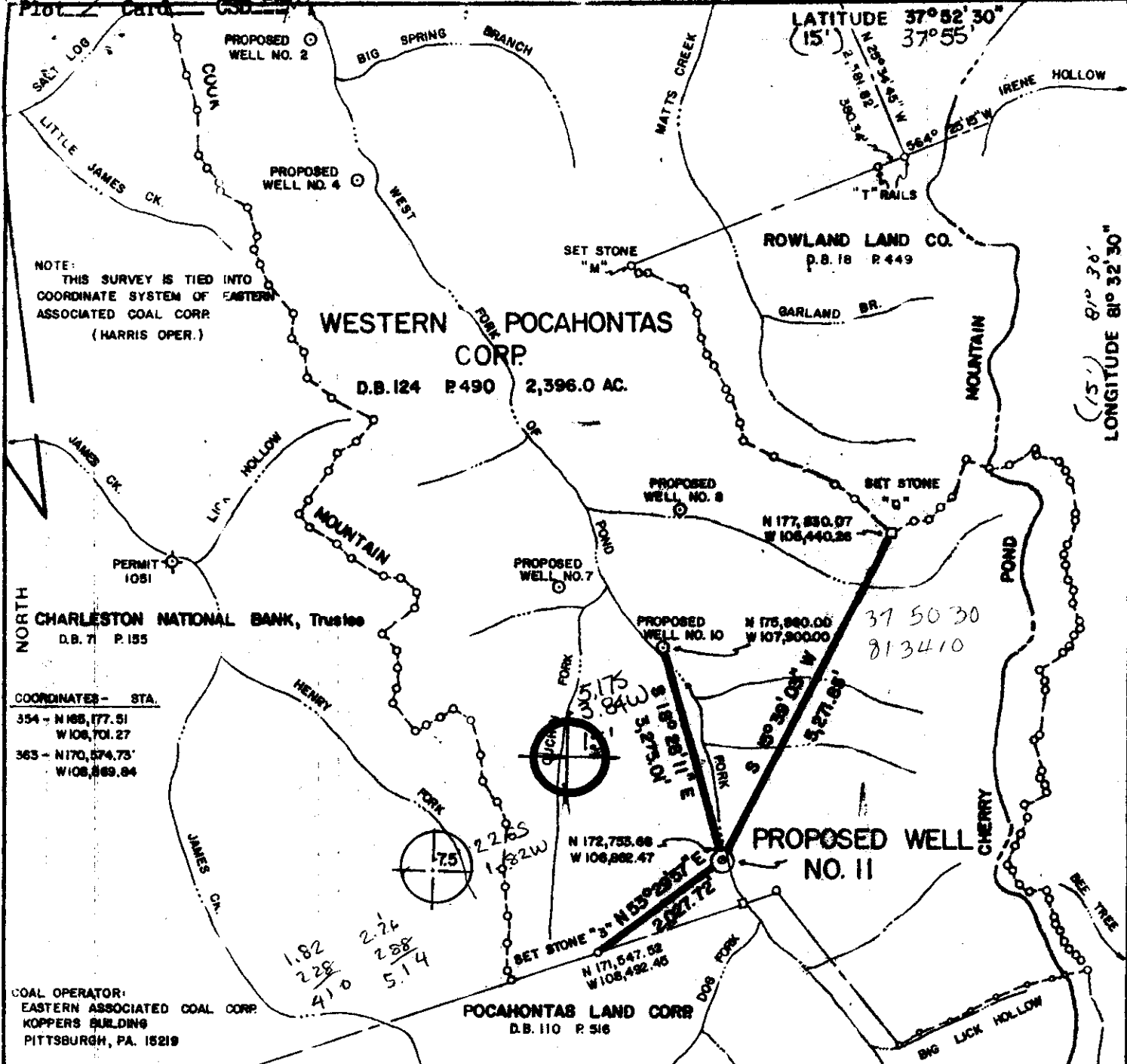
STATE WEST VIRGINIA ZIP 25301

12000

800 1327 P

AUG 19 1980





FILE NO. 600
 DRAWING NO. 11
 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. 3994 L.L.S.

PLACE SEAL HERE

(+) 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 1,769.19 WATERSHED WEST FORK OF POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB 75 series PILOT KNOB 15' EC

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 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 3500
 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 NW. 58 TH ST. OF LAHOMA CITY, OKLAHOMA 73112 CHARLESTON, WEST VIRGINIA 25301

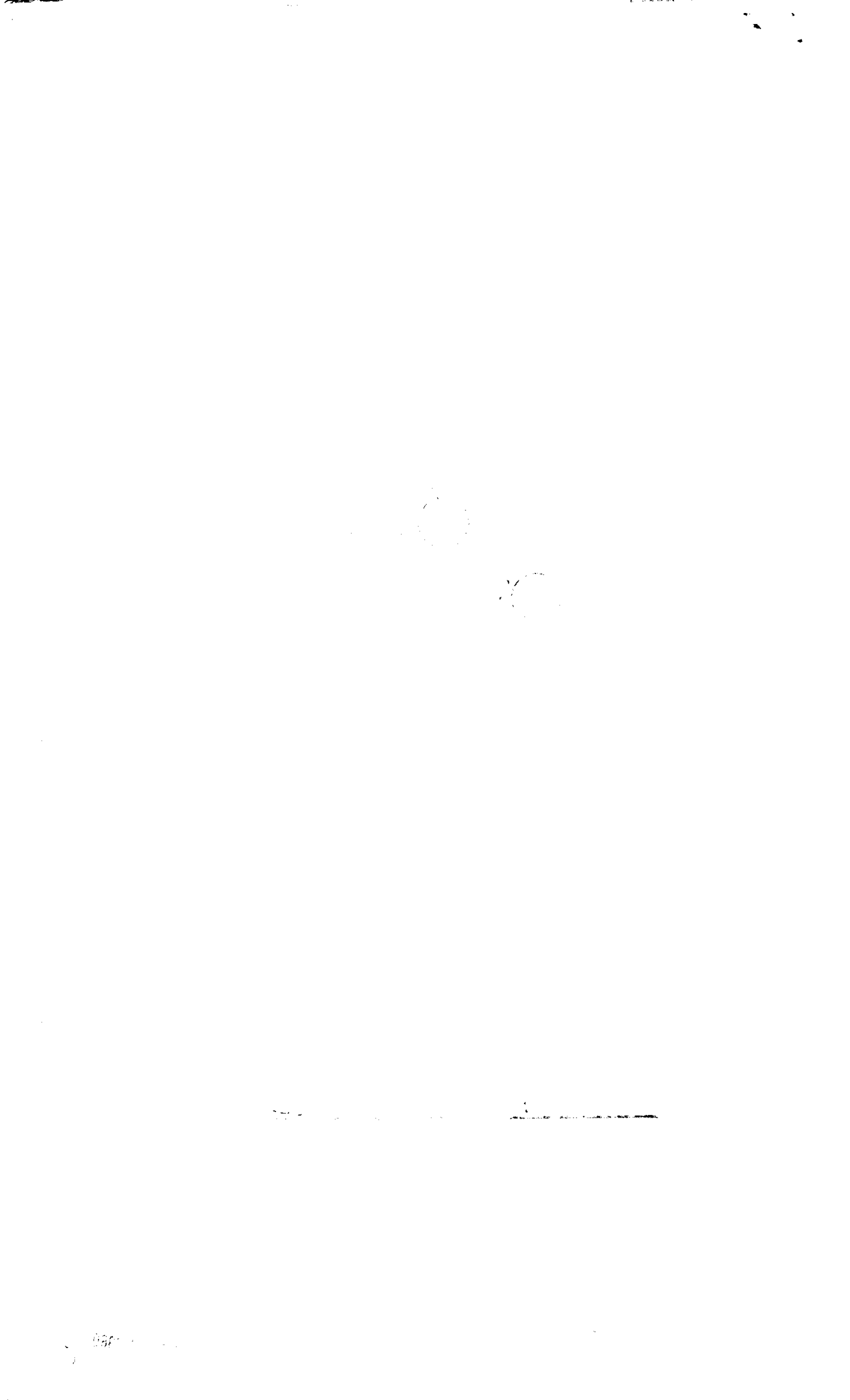
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

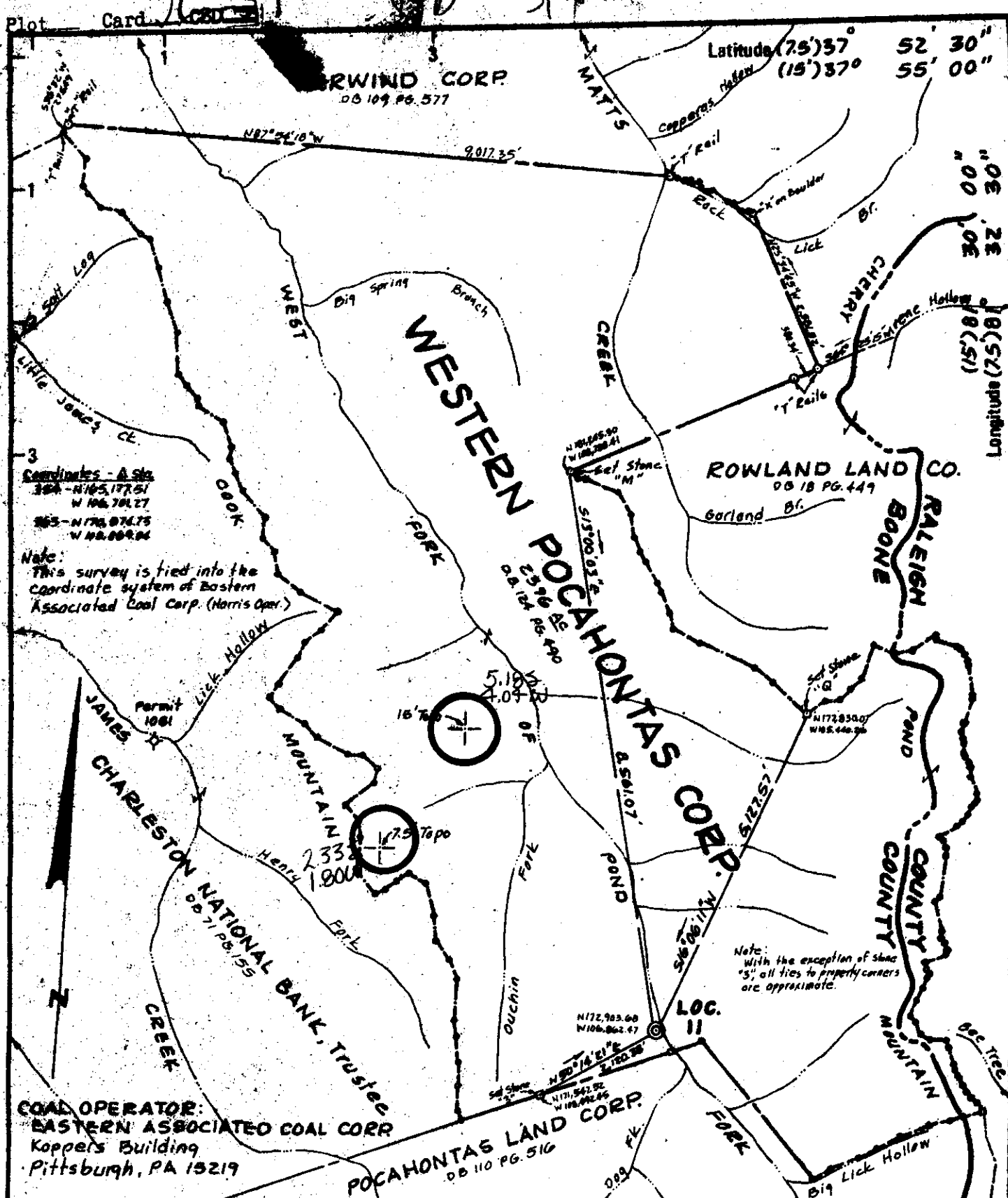
DATE MAY, 19 80
 OPERATOR'S WELL NO. 11
 API WELL NO. 47-005-1327 REV
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

6-6

AUG 4 1980





New Location
 Drill Deeper
 Abandonment

Company **TIPCO TEXAS INTERNATIONAL PETROLEUM CORPORATION**
 Address **SUITE 740 - ONE VALLEY SQUARE CHARLESTON, WEST VIRGINIA**
 Farm **WESTERN POCAHONTAS CORP.**
 Tract _____ Acres **2396** Lease No. **8087**
 Well (Farm) No. **11** Serial No. _____
 Elevation (Spirit Level) **1764.69**
 Quadrangle **7.5' Pilot Knob, 15' Bald Knob EC**
 County **BOONE** District **CROOK**
 Engineer **MAPPING, INC. - L.G. Sturgill, LLS**
 Engineer's Registration No. **412**
 File No. **W75-2 W.O. 180-R** Drawing No. **D-231**
 Date **1-11-78** Scale **1" = 2000'**

Minimum Error of Closure $1''/10,000'$
 Source of Elevation U.S.G.S. Bench Mark No. 57APL C1 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."

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

WELL LOCATION MAP
 FILE NO. 005-1327

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

WELL RECORD

Pilot Knob 7.5'
Quadrangle Bald Knob 15'
Permit No. 47-005-1327

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

Company TEXAS INTERNATIONAL PETROLEUM CORP.
Address Suite 740, One Valley Sq., Charleston, WV
Farm Western Pocahontas Corp. Acres 2396
Location (waters) West Fork of Pond Fork
Well No. 11 Elev. 1769.19'
District Crook County Boone
The surface of tract is owned in fee by Western Pocahontas Corp.
Address Huntington, W.Va. 25178
Mineral rights are owned by Western Pocahontas Corp. Address Huntington, W.Va. 25178
Drilling Commenced August 9, 1980
Drilling Completed August 27, 1980
Initial open flow N/A cu. ft. _____ bbls.
Final production 270 M cu. ft. per day N/A bbls.
Well open 8 hrs. before test 550 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 16"	15'	15'	To Surface
13-10" 11 3/4"	55'	55'	To Surface
9 5/8			
8 5/8	1718'	1718'	00 sx Thixotropic 30 sx Haliburton Lt.
7			
5 1/2			
4 1/2	3490'	3490'	40 sx Thixotropic
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Perforated at 3366' - 3374' and 3342' - 3350', 1 shot per foot; 3323' - 3328', 6 shots per foot. Spotted 500 gallons 15% HCl. Broke formation with 1600 PSI. Balled out at 2500 PSI with 36 ballsealers in 1,000 gallons 28% HCl. Fraced with 20,000# 80/100 sand and 10,000# 10/20 sand. AIR - 31.5 BPM. AIP - 1700 PSI. ISIP - 400 PSI, 5 minutes - vacuum.

Coal was encountered at 175' - 179' Feet _____ Inches _____
Fresh water None Reported Feet _____ Salt Water None Reported Feet _____
Producing Sand Weir Depth 3380' - 3420'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			0	145		
Shale			145	175		
Coal			175	179		Coal 175' - 179'
Sand			179	428		
Sand and Shale			428	808		
Sandstone and Shale			808	889		
Sand			889	945		
Shale			945	995		
Sand			995	1605		
Sand and Shale			1605	1925		
Princeton Sand			1925	1999		
Shale			1999	2028		
Sand and Shale			2028	2051		
Sand			2051	2103		
Avis Lime			2103	2372		
Upper Maxton Sand			2372	2461		
Shale			2461	2485		
Lower Maxton Sand			2485	2503		
Shale			2503	2708		
Little Lime			2708	2770		
Shale			2770	2885		
Big Lime			2885	3103		
Sand and Shale			3103	3249		

OCT 17 1980

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Upper Weir Sand			3249	3270		
Shale			3270	3380		
Lower Weir Sand			3380	3420		
Shale			3420	3550	T.D.	

Date September 24, 1980 19

TEXAS INTERNATIONAL PETROLEUM CORP.

APPROVED: [Signature] Owner

Managing Engineer



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 25 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 April 25, 1980

Surface Owner Western Pocahontas Corp.

Company Texas International Petroleum Corp.

Address Huntington, West Virginia

Address Charleston, West Virginia

Mineral Owner SAME

Farm Western Pocahontas Acres 2396

Address _____

Location (waters) W. Fork of Pond Fork

Coal Owner SAME

Well No. 11 Elevation 1764.69'

Address _____

District Crook County Boone

Coal Operator Eastern Associated Coal Corp.
Address Koopers Building, Pittsburgh, Pa.
15219

Quadrangle 7.5' Pilot Knob/ 15' Bald Knob

THIS PERMIT MUST BE POSTED AT THE WELL SITE

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 1-9-81.

INSPECTOR
TO BE NOTIFIED Arthur St. Clair

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

PHONE 732-6227

John F. Hill
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 Corporation 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.

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

Very truly yours, James M. Blanton (Jr)
(Sign Name) Texas International Petroleum Corp.
Well Operator

Address
of
Well Operator

Suite 740 - One Valley Square
Street
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

47-005-1327

PERMIT NUMBER

**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 _____ NAME James M. Blanton
 ADDRESS _____ ADDRESS 740 One Valley Square., Chas., WV
 TELEPHONE _____ TELEPHONE 345-3430
 ESTIMATED DEPTH OF COMPLETED WELL: 3500' 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 FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10 <u>11-3/4"</u>	<u>40'</u>	<u>40'</u>	None
9 - 5/8			
8 - 5/8	<u>1700'</u>	<u>1700'</u>	Cement to surface.
7			
5 1/2			
4 1/2	<u>3500'</u>	<u>3500'</u>	Cement w/100-200 sx.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100' FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 1110-1114'
 IS COAL BEING MINED IN THE AREA? no BY WHOM? _____

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 West Virginia Code.

For Coal Company

Official Title