

FILE NO. 600
DRAWING NO. 8
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. 3984 L.L.S.

PLACE SEAL HERE

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



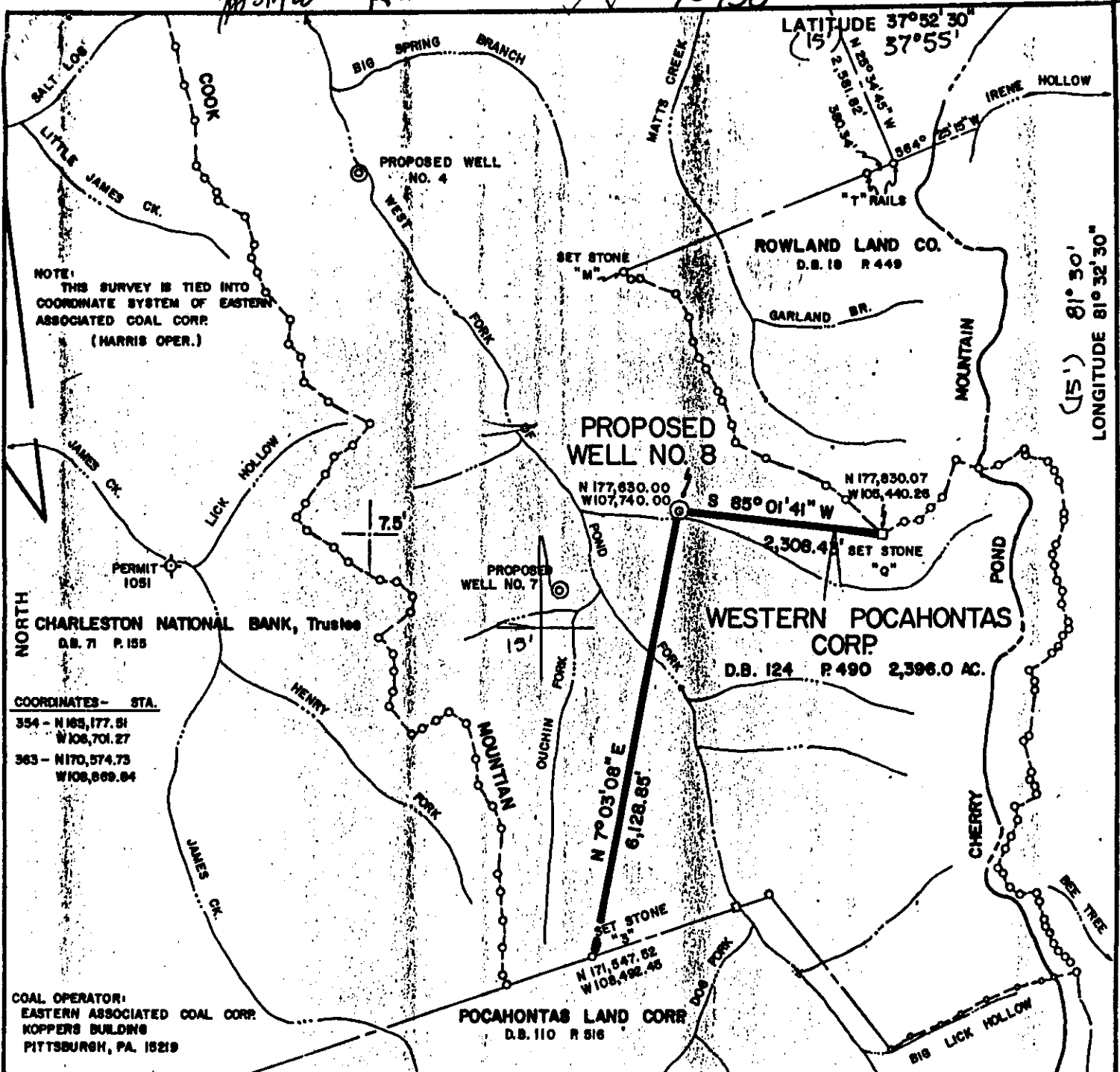
DATE MAY 19 80
OPERATOR'S WELL NO. 8
API WELL NO. 47-005-1320REV
STATE WV COUNTY BOONE PERMIT 1320 REV

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 1,771.85' WATER SHED WEST FORK OF POND FORK
DISTRICT CROOK COUNTY BOONE
QUADRANGLE PILOT KNOB 7.5' 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 FORM EASTERN ASSOC. COAL ESTIMATED DEPTH 3544'
WELL OPERATOR HCR 78 Box 113 DESIGNATED AGENT ED HOY
ADDRESS SUIT 12 STREET ADDRESS SUIT 12
3635 NW. 58 TH WITAKTON, WV 25208 CITY STATE ZIP

BOONE 1320 REV-FRAC



FILE NO. 600
 DRAWING NO. 8
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 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. 3594 L.L.S.

PLACE SEAL HERE

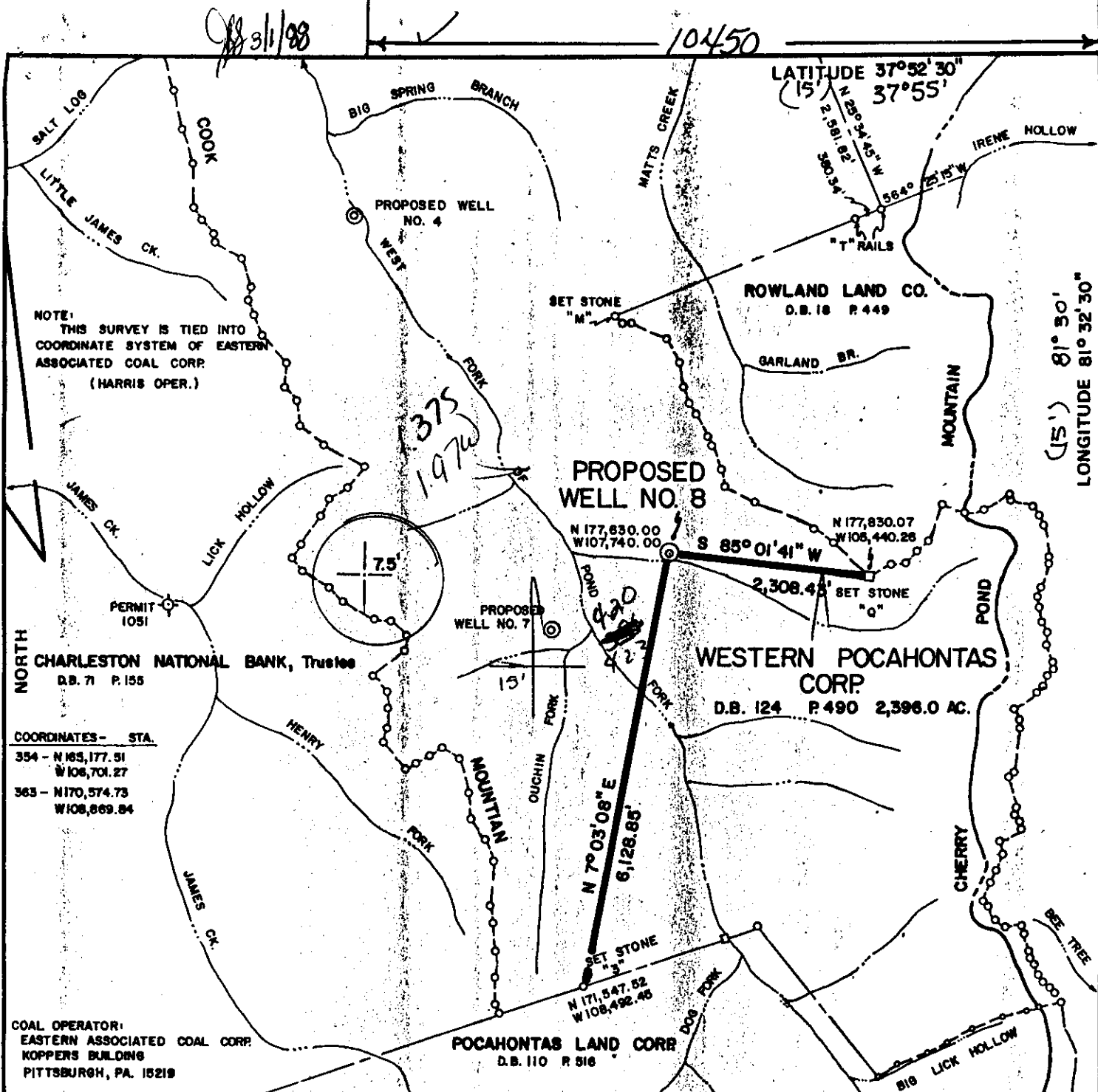
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,771.85' WATER SHED WEST FORK OF POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB 7.5' 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 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 WEIP ESTIMATED DEPTH 3544'
 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 MAY, 19 80
 OPERATOR'S WELL NO. 8
 API WELL NO. 47-005-1320REV-1
 STATE BOONE COUNTY PERMIT
Fracture Cancelled
 APR 12 1991

owwo 6-6 unnamed (6)



FILE NO. 600
 DRAWING NO. 8
 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)

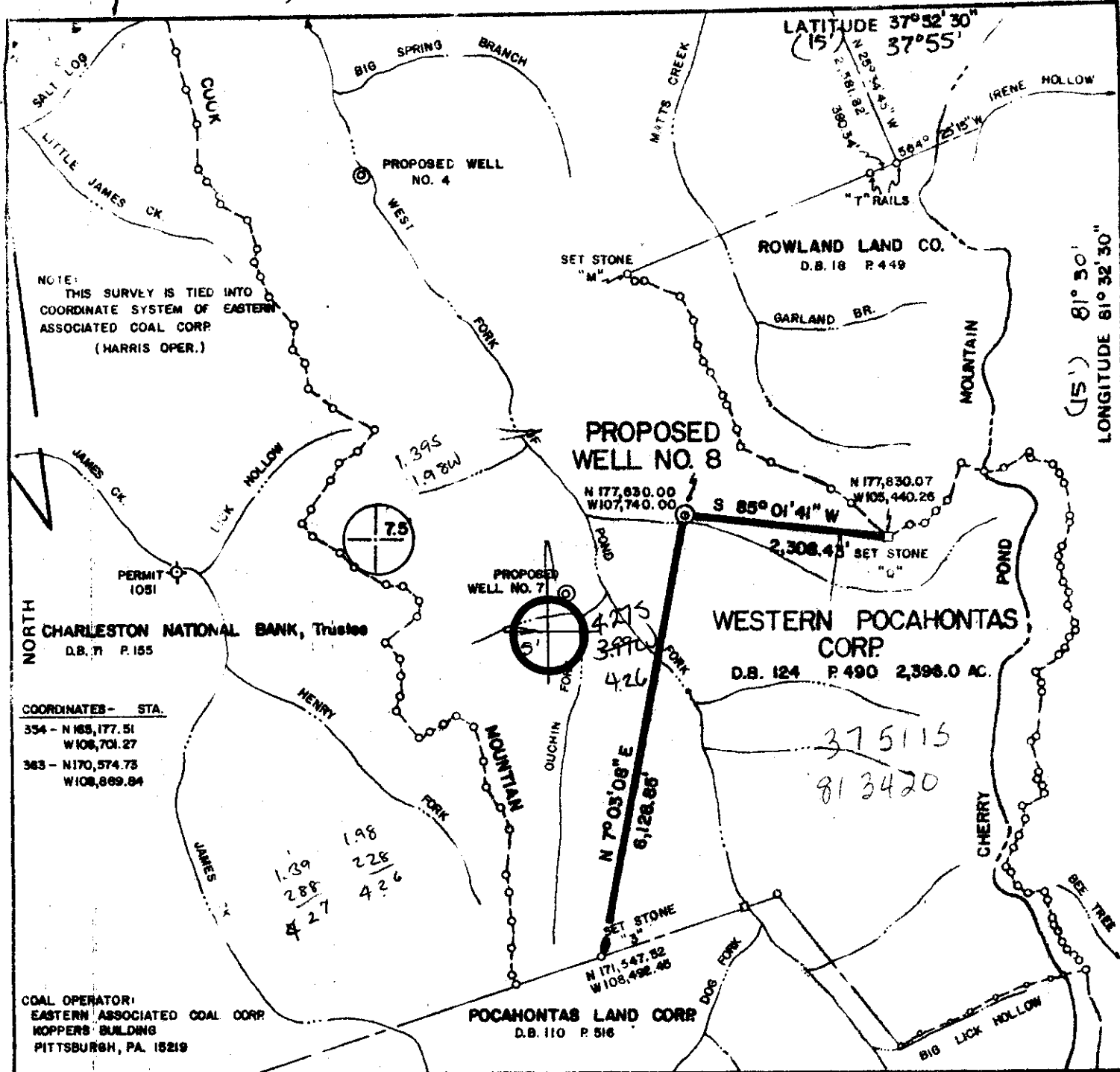


DATE MAY, 19 80
 OPERATOR'S WELL NO. 8
 API WELL NO. 47-005-1320REV-F
 STATE COUNTY PERMIT

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 1,771.85' WATER SHED WEST FORK OF POND FORK
 DISTRICT CROOK 1 547 COUNTY BOONE
 QUADRANGLE PILOT KNOB 7.5' 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 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 873 ESTIMATED DEPTH 3544'
 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

MAR 4 1988
 3/4/88



FILE NO. 600
 DRAWING NO. 8
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:10,000
 PROVEN SOURCE OF ELEVATION U.S. DEPT. OF INT.
58 A.F.K. 1935 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. 3984 L.L.S. _____

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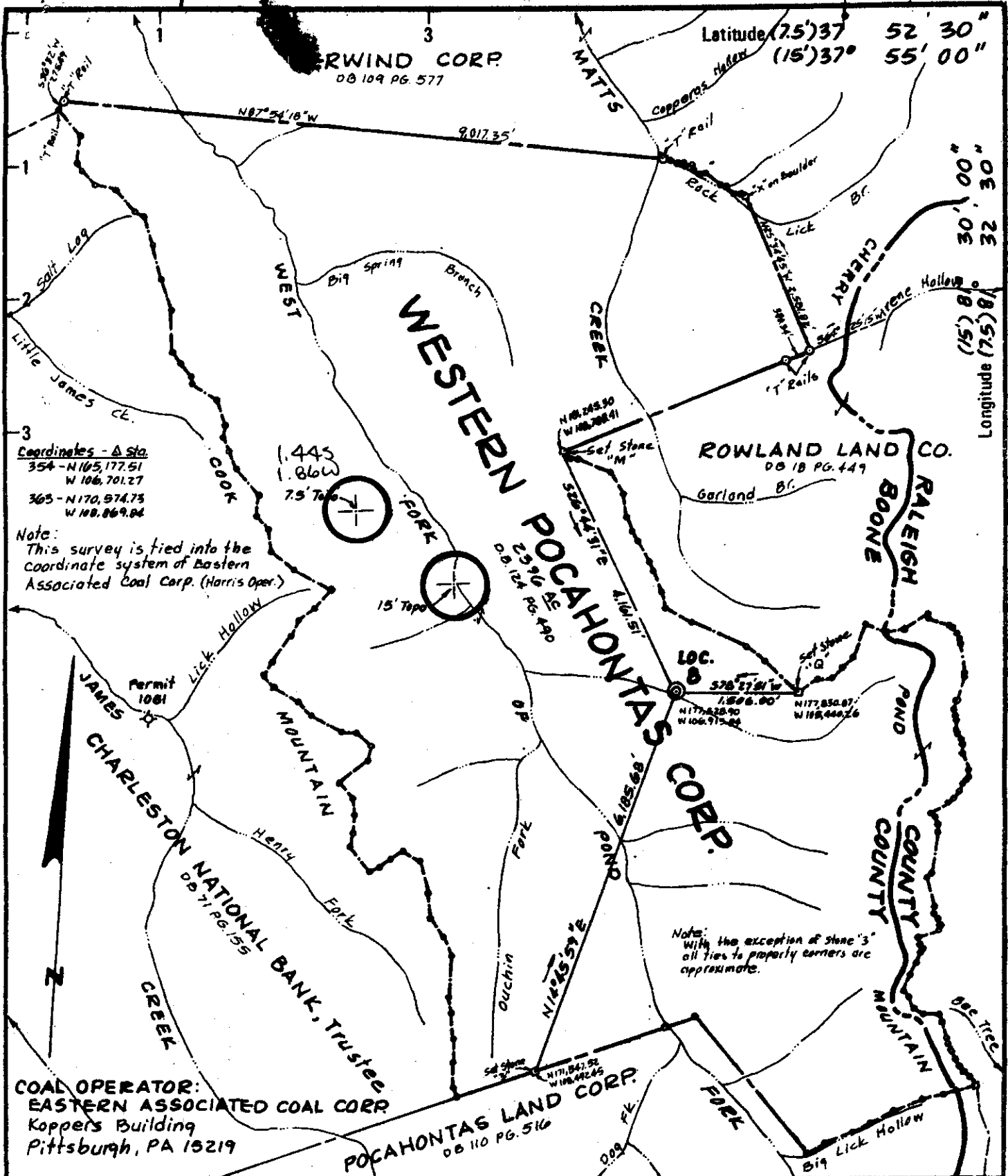
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE MAY 1980
 OPERATOR'S WELL NO. 8
 API WELL NO. 47-005-1320REV
 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 1,771.85' WATER SHED WEST FORK OF POND FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE PILOT KNOB 75' series BALD 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. 6067
 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 3544'
 WELL OPERATOR AS 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. OKLAHOMA CITY, OKLAHOMA 73112 CHARLESTON, WEST VIRGINIA 25301



3
Coordinates - A Sta.
354 - N105.177.51
W 106.701.27
363 - N170.974.73
W 108.869.84

Note:
This survey is tied into the
coordinate system of Eastern
Associated Coal Corp. (Harris Oper.)

Note:
With the exception of stone '3'
all ties to property corners are
approximate.

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

New Location <input checked="" type="checkbox"/> Drill Deeper <input type="checkbox"/> Abandonment <input type="checkbox"/>	Minimum Error of Closure <u>1"/10,000</u> Source of Elevation <u>U.S.G.S. Bench Mark No. 57 APK. El. 1515.924</u> "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." <i>J. G. Sturgill</i>
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Company	TIPCO TEXAS INTERNATIONAL PETROLEUM CORPORATION		
Address	SUITE 740 - ONE VALLEY SQUARE CHARLESTON, WEST VIRGINIA		
Farm	WESTERN POCAHONTAS CORP.		
Tract	Acres	Lease No.	
	2,396	8087	
Well (Farm) No.	8	Serial No.	
Elevation (Spirit Level)	1786.59		
Quadrangle	75' Pilot Knob / 15' Bald Knob SE		
County	District		
Boone	Crook		
Engineer	W.VA. SURVEYING & MAPPING, INC. - L.G. Sturgill, LLS		
Engineer's Registration No.	412		
File No.	W75-2 W.O.185-R	Drawing No.	D-229
Date	12-27-77	Scale	1" = 2000'

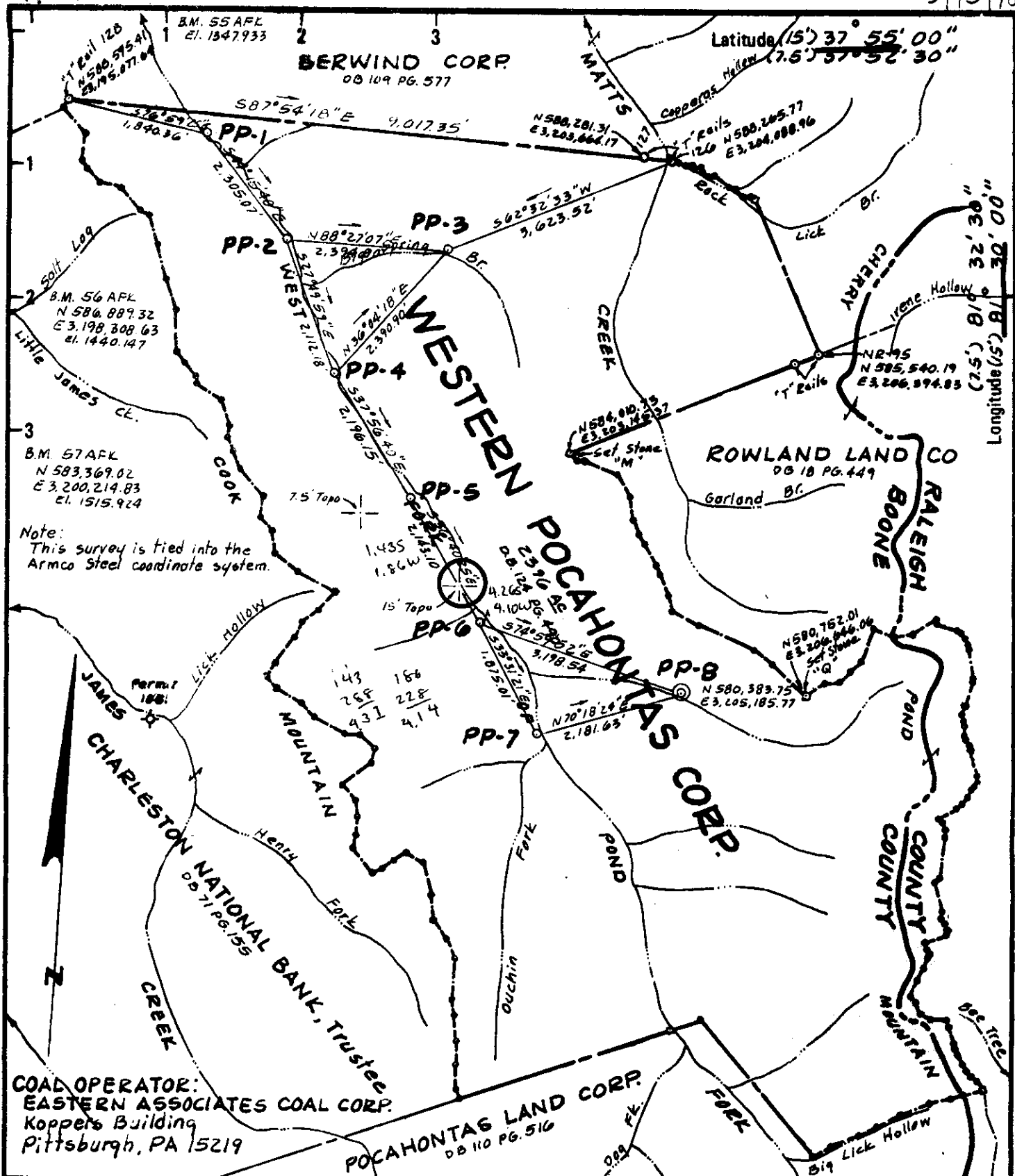
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. 005-1320
FORMERLY-800-1264

+ 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.





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

Minimum Error of Closure $1''/5,000'$
Source of Elevation U.S.G.S. Bench Mark No. 57 AFK located on West Fork approx. 2400' 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. Sturgill

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. 8 Serial No. PP-8
Elevation (Spirit Level) 1786.59 EC
Quadrangle 7.5' Pilot Knob / 15' Bald Knob
County Boone District Crook
W.V.A. SURVEYING
Engineer MAPPING, INC. - L.G. Sturgill, LLS
Engineer's Registration No. 412
File No. W75-2 W.O. 185 Drawing No. D-118
Date 12-27-77 Scale 1" = 2000'

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

WELL LOCATION MAP
FILE NO. **B00-1264-1320**

+ 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.

47-005 SEP 22 1978







WR-35

Date September 16, 1988

State of West Virginia

DEPARTMENT OF ENERGY
Oil and Gas Division

Operator's # 8
Well No. _____
Farm Western Pocahontas
API No. 47 - 005 - 1320FRAC

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

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1786' Watershed West Fork of Pond Fork
District: Crook County Boone Quadrangle Pilot Knob 7.5'

COMPANY Natural Resource Management Corporation
ADDRESS 681 Andersen Drive, Foster Plaza VI
Pittsburgh, Pennsylvania 15220

DESIGNATED AGENT Dave Cash, NRM
ADDRESS 312 Sixth Avenue
Charleston, WV 25303

SURFACE OWNER Western Pocahontas Properties
ADDRESS P. O. Box 2827
Huntington, WV 25727

MINERAL RIGHTS OWNER CSX Oil and Gas
ADDRESS P. O. Box 4326
Houston, TX 77210

OIL AND GAS INSPECTOR FOR THIS WORK Jerry
Holcomb ADDRESS RT 2, Box 159
Hamlin, WV 25523

PERMIT ISSUED 3/3/88
STIMULATION ~~DRILLING~~ COMMENCED 6/2/88
STIMULATION ~~DRILLING~~ COMPLETED 6/2/88

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.	SEE INITIAL WELL RECORD		
13-10"	DATED 8/9/80		
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION See Initial Well Record Depth _____ feet
Depth of completed well _____ feet Rotary ___ / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation See Initial Well Record Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d 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
(If applicable due to multiple completion--)
Second producing formation Upper Weir Pay zone depth 3315 feet
Gas: Initial open flow NA Mcf/d Oil: Initial open flow - Bbl/d
Final open flow 238 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 17 1991

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

Baker frac plug set @ 3370' Kb. Perfed Upper Weir 3311' to 3325' with 15 holes. Spotted 500 gal. 15% HCL and 500 gal. MeOH. Broke down formation at 1355 psig. Pumped 35,000# 20/40 sand, 163 bbls. gelled water, 280 MSCF of N₂. Average treating pressure 1360 psig. Average treating rate 5 BPM. ISIP A/F 1342 psig 75% quality foam frac.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
See Initial Well Record. Dated 8/9/80			

(Attach separate sheets as necessary)

NATURAL RESOURCE MANAGEMENT CORPORATION

Well Operator

By: Paul J. Shubski
Paul J. Shubski, Regional Geology Manager

Date: Sept 20, 1988

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."

6712

MICHELE YOUNG

OG-10
Rev. 9-71



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Corrected Copy

7.5' Pilot Knob
Quadrangle 15' Bald Knob

Form No. 37-005-1320

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

Company Texas International Petroleum Corporation
Address 740 One Valley Sq., Charleston, WV
Farm Western Pocahontas Corp. Acres 2396
Location (waters) West Fork of Pond Fork
Well No. 8 Elev. 1786.59'
District Crook County Boone

The surface of tract is owned in fee by Western Pocahontas Corporation
Address Huntington, West Virginia
Mineral rights are owned by Western Pocahontas Corp. Address Huntington, WV
Drilling Commenced July 4, 1980
Drilling Completed July 18, 1980
Initial open flow N/A cu. ft. -- bbls.
Final production 311 cu. ft. per day N/A bbls.
Well open 4 hrs. before test 700 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Six)
Size 20-16			
Cond. 16"	30'	30'	to surface.
13-10" 11-3/4"	40'	40'	to surface.
9 5/8			
8 5/8	1744'	1744'	250 sx.
7			
5 1/2			
4 1/2	3554'	3554'	100 sx.
3			
2			
Liners Used			

Well treatment details: Experienced 3430-3436', 6 shots; 3441-3443', 4 shots.
Spaced 500 gal. 15% HCl. Loaded hole. Broke down Weir w/1600 PSI. Fraced w/30,000
50,000 gal. & 50,000' 10/20 sand. AIR-16 RPM. ATP-1100 PSI. ISIP-400 PSI. 5 minute-vacuum

Coal was encountered at 248-252' Feet _____ Inches _____
Fresh water None reported Feet _____ Salt Water _____ Feet _____
Producing Sand Lower Weir Sand Depth 3600'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Surface			0	12		
Rock	White	Hard	12	47		
Sand	White		47	236		
Sand & Shale		Medium	236	248		
Coal			248	252	Coal	
Sand & Shale			252	476		
Sand & Shale	White	Medium	476	933		
Salt Sand	White	Hard	933	1717		
Sand & Shale			1717	1758		
Sand & Shale		Medium	1758	1765		
Sand			1765	1852		
Sand & Shale			1852	1895		
Sand			1895	1955		
Sand & Shale			1955	2000		
Princeton Sand			2000	2058		
Sand & Shale			2058	2110		
Ravencliff Sand			2110	2207		
Lime	White	Medium	2207	2230		
Sand & Shale			2230	2460		
Sand			2460	2570		
Shale			2570	2676		
Little Lime			2676	2710		
Sand & shale			2710	2802		
Big Lime			2802	3096		

RECEIVED
SEP 12 1980
OIL & GAS DIVISION
DEPT. OF MINES

(over)

MICHELE YOUNG

Formation	Color	Kind or Est	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			3096	3116		
Lime			3116	3200		
Shale			3200	3288		Gas check - 2/10 thru 2".
Weir Sand			3288	3300		Gas check - 4/10 thru 2".
Shale			3300	3437		
Lower Weir Sand			3437	3461		Gas check - 4/10 thru 2" H ₂ O @ 3469'
Shale			3461	3600		T.D. - Gas check - 8/10 thru 2" H ₂ O.

Date August 9 1980

TEXAS INTERNATIONAL PETROLEUM CORPORATION

APPROVED *Robert L. Dodd* Owner
 Robert L. Dodd, Managing Engineer



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

7.5' Pilot Knob
Quadrangle 15' Bald Knob
Permit No. 47-005-1320

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

Company Texas International Petroleum Corporation
Address 740 One Valley Sq., Charleston, WV
Farm Western Pocahontas Corp. Acres 2396
Location (waters) West Fork of Pond Fork
Well No. 8 Elev. 1786.59'
District Crook County Boone
The surface of tract is owned in fee by _____
Western Pocahontas Corporation
Address Huntington, West Virginia
Mineral rights are owned by Western Pocahontas
Corp. Address Huntington, WV
Drilling Commenced July 4, 1989
Drilling Completed July 18, 1980
Initial open flow N/M cu. ft. -- bbls.
Final production 311 Cu. ft. per day N/A bbls.
Well open 4 hrs. before test 700 RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 16"	30'	30'	to surface.
13-10" 11-3/4"	40'	40'	to surface.
9 5/8			
8 5/8	1744'	1744'	250 sx.
7			
5 1/2			
4 1/2	3554'	3554'	100 sx.
3			
2			
Liners Used			

Attach copy of cementing record. Not available. Supply later date when rec'd.

Perforated 3430-3436', 6 shots; 3441-3443', 4 shots.
Spotted 500 gal. 15% HCl. Loaded hole. Broke down Weir w/1600 PSI. Fraced w/30,000#
80/100 sand & 50,000# 10/20 sand. AIR-16 BPM. AIP-1100 PSI. ISIP-400 PSI. 5 minute-vacuum

Coal was encountered at 248-252' Feet _____ Inches _____
Fresh water None reported Feet _____ Salt Water _____ Feet _____
Producing Sand Lower Weir Sand Depth 3600'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface			0	12		
Rock	White	Hard	12	47		
Sand	White		47	236		
Sand & Shale		Medium	236	248		
Coal			248	252	Coal	
Sand & Shale			252	476		
Sand & Shale	White	Medium	476	933		
Salt Sand	White	Hard	933	1717		
Sand & Shale			1717	1758		
Sand & Shale		Medium	1758	1765		
Sand			1765	1852		
Sand & Shale			1852	1895		
Sand			1895	1955		
Sand & Shale			1955	2000		
Princeton Sand			2000	2058		
Sand & Shale			2058	2110		
Ravencliff Sand			2110	2207		
Lime	White	Medium	2207	2230		
Sand & Shale			2230	2460		
Sand			2460	2570		
Shale			2570	2675		
Little Lime			2675	2710		
Sand & Shale			2710	2802		
Big Lime			2802	3096		

(over)

AUG 28 1980

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			3096	3116		
Lime			3116	3200		Gas check - 2/10 thru 2".
Shale			3200	3288		
Weir Sand			3288	3300		Gas check - 4/10 thru 2".
Shale			3300	3437		
Lower Weir Sand			3437	3461		Gas check - 4/10 thru 2" H ₂ O @ 3469'.
Shale			3461	3600		T.D. - Gas check - 8/10 thru 2" H ₂ O.

Date August 9 19 80

TEXAS INTERNATIONAL PETROLEUM COMPANY

APPROVED

Robert L. Dodd Owner

Robert L. Dodd, Managing Engineer



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 24 1980

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION
OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner Western Pocahontas Corporation
Address Huntington, West Virginia 25718
Mineral Owner Western Pocahontas Corporation
Address Huntington, West Virginia 25718
Coal Owner Western Pocahontas Corporation
Address Huntington, West Virginia
Coal Operator Eastern Associated Coal Corp.
Address Koopers Bldg., Pittsburgh, Pennsylvania

DATE April 10, 1980
Company Texas International Petroleum Corp.
Address Suite 740, One Valley Sq., Chas., WV
Farm Western Pocahontas Acres 2396
Location (waters) West Fork of Pond Fork
Well No. 8 Elevation 1786.59'
District Crook County Boone
Quadrangle 7.5' Pilot Knob, 15' Bald Knob

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 12-25-80.

INSPECTOR
TO BE NOTIFIED Arthur St. Clair
ADDRESS Brenton, West Virginia 24818
PHONE 732-6227

Robert H. [Signature]
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 19 73 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

Address
of
Well Operator

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

47-005-1320 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 James M. Blanton

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 Sq., Chas., W. Va.
 TELEPHONE _____ TELEPHONE (304) 345-3430
 ESTIMATED DEPTH OF COMPLETED WELL: 3544' 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 11-3/4"	25'	25'	None
13 - 10			
9 - 5/8			
8 - 5/8	1132'	1132'	Cement to surface.
7			
5 1/2			
4 1/2	3544'	3544'	Cement w/100 sacks.
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100' FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS 816', 933', 988'
 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 Western Pocahontas Corporation ~~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.

WESTERN POCAHONTAS CORPORATION (Owner)

For Coal Company

By _____

Official Title

Its _____



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

SEP 13 1978

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

Surface Owner Western Pocahontas Corp.
Address Huntington, West Virginia 25718
Mineral Owner SAME
Address _____
Coal Owner SAME
Address _____
Coal Operator Eastern Associated Coal Corp.
Address Koopers Building, Pittsburgh, Pa.
15219

DATE December 27, 1977
Company Texas International Petroleum Corp.
Address Charleston, West Virginia 25301
Farm Western Pocahontas Corp. 2396
Location (waters) West Fork of Pond Fork
Well No. PP-8 Elevation 1786.59'
District Crook County Boone
Quadrangle 7.5' Pilot Knob/15' Bald Knob

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 1-14-79.

INSPECTOR
TO BE NOTIFIED ARTHUR ST. CLAIR
ADDRESS BRENTON, WV 24818
PHONE 732-6227

Robert A. [Signature]
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.

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

Address
of
Well Operator

Very truly yours, James M. Stanton
(Sign Name) Texas International Petroleum Corp.
Well Operator
Suite 740 - One Valley Square
Street
Charleston
City or Town
West Virginia 25301
State

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BLANKET BOND

BOONE-1264 → (320) 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 Appalachian Drilling Company NAME James M. Blanton
 ADDRESS Jesse, West Virginia ADDRESS Charleston, West Virginia
 TELEPHONE (304) 732-8133 TELEPHONE (304) 345-3430
 ESTIMATED DEPTH OF COMPLETED WELL: 3544' 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 11-3/4"	25'	25'	Conductor
9 - 5/8			
8 - 5/8	1132'	1132'	Cement to surface
7			
5 1/2			
4 1/2	3544'	3544'	100 sx
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100' FEET SALT WATER FEET
 APPROXIMATE COAL DEPTHS 816', 933', 988'
 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:

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 We the Western Pocahontas ~~Corporation~~ 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.

WESTERN POCAHONTAS CORPORATION (Owner)

Frank R. Trotter
 (Chief Engineer)

B B Snyder
 For Coal Company
Chief Engineer
 Official Title

RECEIVED
FEB 29 1988



1) Date: January 11, 1988
 2) Operator's Well No. Western Pocahontas #8 W
 3) API Well No. 47 -005 -1320 -FRAC.
 State County Permit

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

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 1772' GL / Watershed: West Fork of Pond Fork
 District: Crook / County: Boone 005 / Quadrangle: Pilot Knob 7.5' 540
 6) WELL OPERATOR Natural Resource CODE: 34550 7) DESIGNATED AGENT Dave Cash, Natural Resource
 Address Management Corp., 681 Andersen Drive, 1049 Address Management Corp., 312 Sixth Avenue
Foster Plaza VI, Pittsburgh, PA 15220 Charleston, WV 25303
 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Jerry Holcomb 9) DRILLING CONTRACTOR:
 Address Rt. 2, Box 159 - Hwy #34 Name unknown at this time
Hamlin, WV 25523 Address _____
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) set ball plug @ 3350' perf and stim
 11) GEOLOGICAL TARGET FORMATION, Weir sandstone 327
 12) Estimated depth of completed well, 3320 feet
 13) Approximate trata depths: Fresh, None reported feet; salt, None reported feet.
 14) Approximate coal seam depths: 248-252' Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal						<i>see well record</i>			Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations: Top Bottom

** - See attached well completion report

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-005-1320-FRAC

March 3 19 88
 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 March 3, 1990 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>[Signature]</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>1460</u>	WPCP: <u>[Signature]</u>	S&E: <u>[Signature]</u>	Other: <u>[Signature]</u>
--------------------------	---------------------------	--------------------------	----------------------------	------------------	--------------------------	-------------------------	---------------------------

NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas

File

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

6712

DATE: 8/29/02

API# 47-05-1320-P

005

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Western Pocahontas Corp Operator Well No.: 8

LOCATION: Elevation: 1,771.85 Quadrangle: Pilot Knob 7.5'
District: Creek County: Roane
Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude: _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Well Type: OIL _____ GAS X

Company: Eastern Associated Coal Coal Operator _____
HCR 78 Box 113 or Owner _____
Wharton WV 25208

Agent: _____ Coal Operator _____
or Owner _____

Permit Issued Date: 8/08/02

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Lincoln ss:

My 3-7-03

Paul Stevens and Roger McComas 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 and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Richard Campbell Oil and Gas Inspector representing the Director, say that said work was commenced on the 21st day of Aug. 2002 and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel Hole	Surface	3600'		
Cement	3450'	3255'		
Pull 4-1/2"		2609'	2609'	945'
Cement	2609'	2509'		
Cement	2200'	2100'		
Cement	1800'	1700'		8-5/8" - 1744' cemented
Cement	1103'	1003'		
Cement (thin)	682'	382'		11-3/4" - 40'
Cement	382'	Surface		16" - 30'

Boo 1320 P

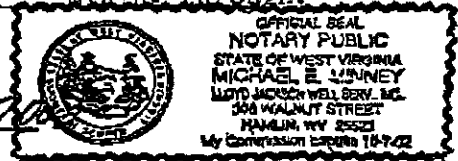
Description of monument: Erect monument with API# 47-05-1320-P and that the work of plugging and filling said well was completed on the 27th day of Aug 2002. Plugged according to 101.C regulations to allow mining through.

And further deponents saith not. Paul Stevens
Roger McComas

Sworn and subscribe before me this 28th day of August 2002

My commission expires: 10-7-2002
[Signature]
Notary Public

Oil and Gas Inspector: [Signature]



OCT 15 2004

OCT 15 2004