

COAL COORDINATES: N 604,450.000
E 3,206,460.000

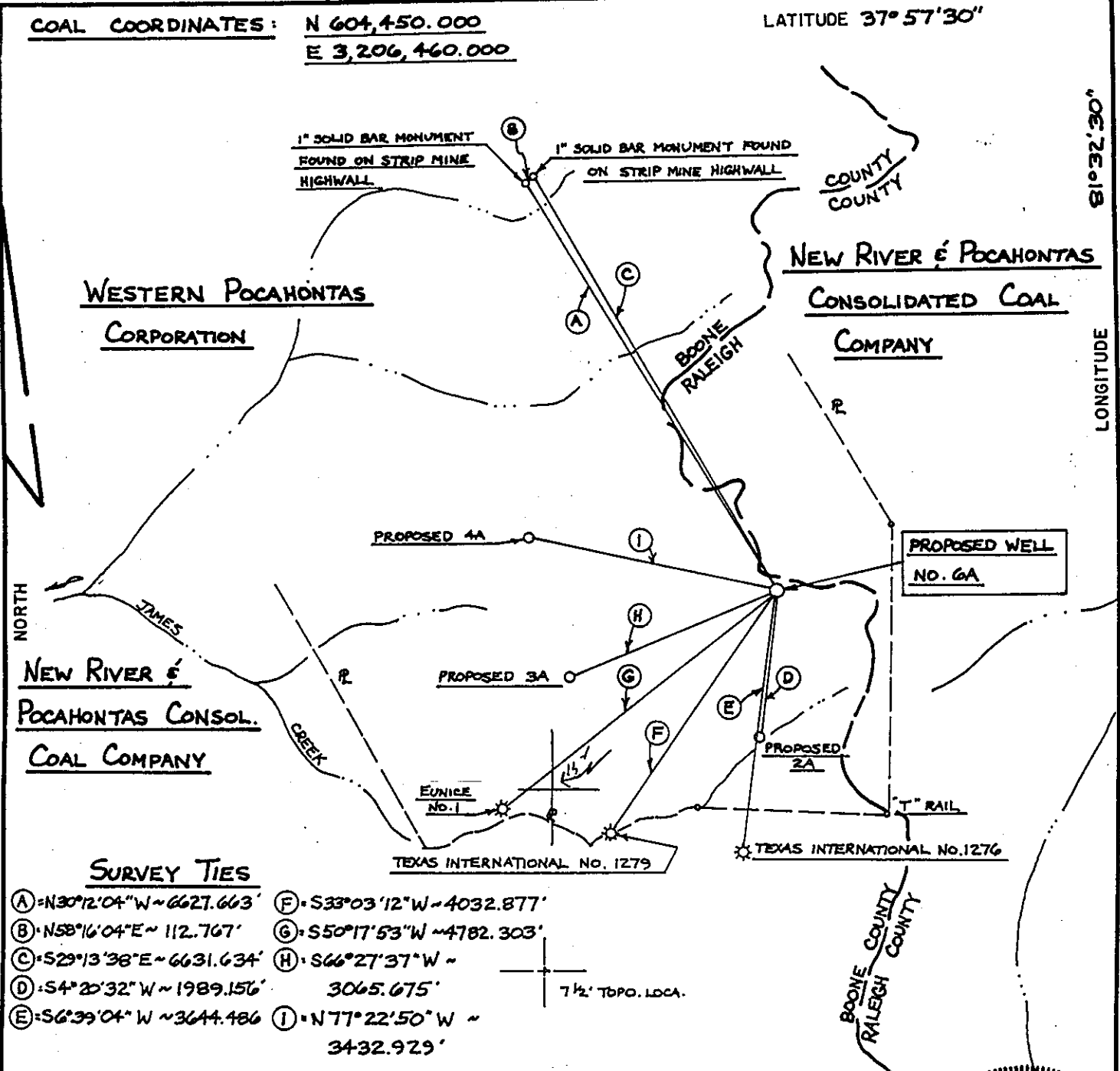
LATITUDE 37° 57' 30"

7,790'

06.26.18

LONGITUDE

029.61



SURVEY TIES

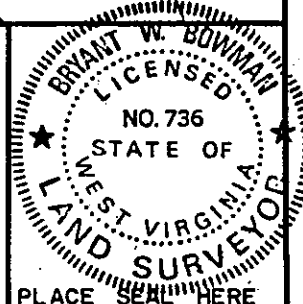
- (A) = N30°12'04" W ~ 6627.663'
- (B) = N58°16'04" E ~ 112.767'
- (C) = S29°13'38" E ~ 6631.634'
- (D) = S4°20'32" W ~ 1989.156'
- (E) = S6°39'04" W ~ 3644.486'
- (F) = S33°03'12" W ~ 4032.877'
- (G) = S50°17'53" W ~ 4782.303'
- (H) = S66°27'37" W ~ 3065.675'
- (I) = N77°22'50" W ~ 3432.929'

7 1/2' T.D.P.O. LOCA.

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1-10,000
PROVEN SOURCE OF ELEVATION 2249 ~ 1350' NW OF LOCATION

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) Bryant W. Bowman
R. P. E. _____ L. L. S. 736



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

FORM IV-6
(8-78)



Department of Mines
Oil & Gas Division

DATE APRIL 8, 19 83
OPERATOR'S WELL NO. 6A Eunice
API WELL NO. _____
47-005-1423 P
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)
LOCATION: ELEVATION 2158' WATER SHED JAMES CREEK OF WEST FORK
DISTRICT CROOK COUNTY BOONE
QUADRANGLE WHITESVILLE (7 1/2')

SURFACE OWNER WESTERN POCAHONTAS CORPORATION ACREAGE 2700 ±
OIL & GAS ROYALTY OWNER WESTERN POCAHONTAS CORPORATION LEASE ACREAGE 2700 ±
LEASE NO. 31/195

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 3800'

DEC 07 1998

WELL OPERATOR PEAKE OPERATING CO. DESIGNATED AGENT FLOYD WILCOX

ADDRESS 423 CHAS. NATL. PLAZA ADDRESS 423 CHAS. NATL. PLAZA
CHARLESTON, W. VA. 25301 CHARLESTON, W. VA. 25301

Boo 1423 P

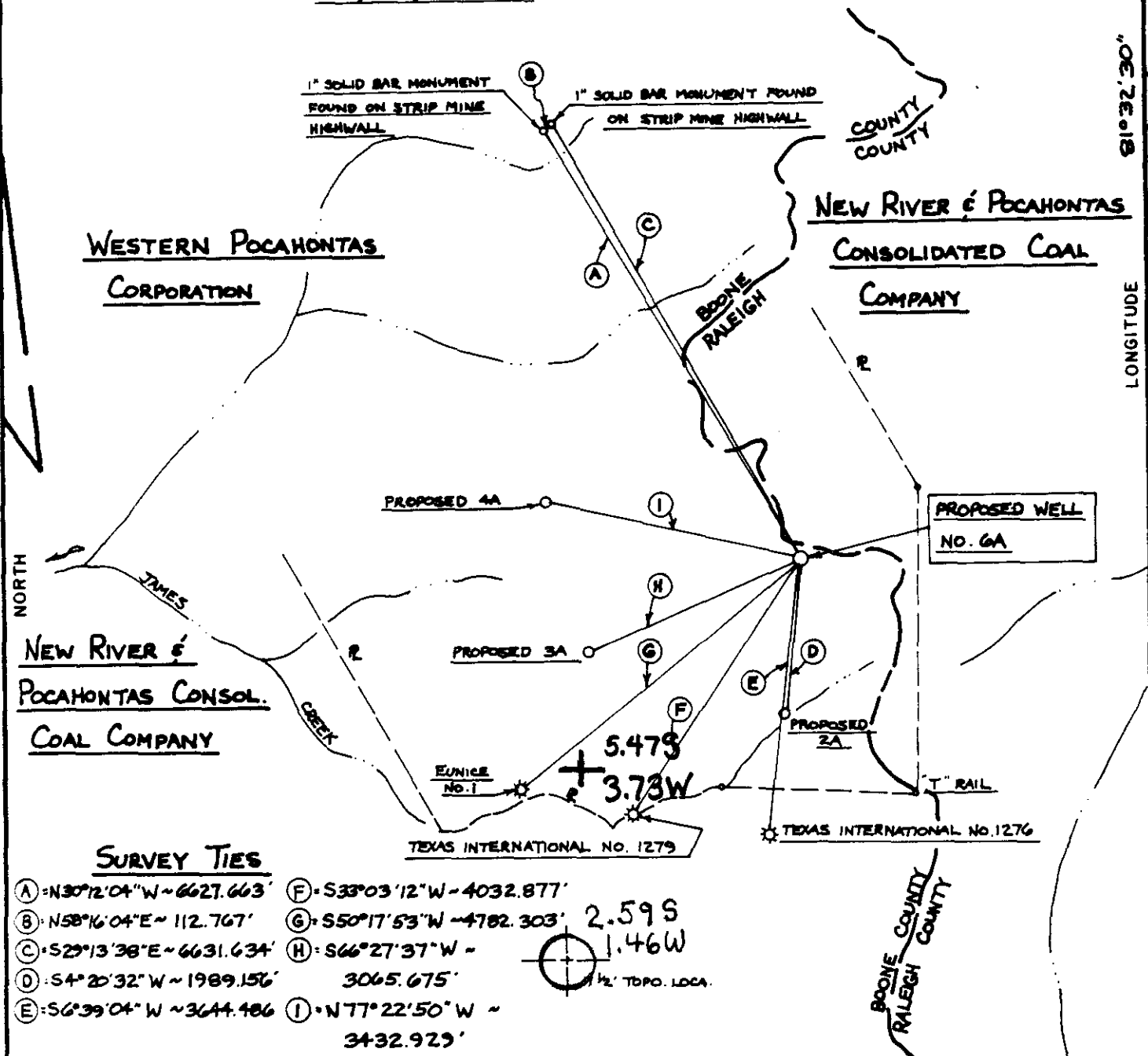
COAL COORDINATES:

Plot Card 089
N 604,450.000
E 3,206,460.000

LATITUDE 37° 57' 30"

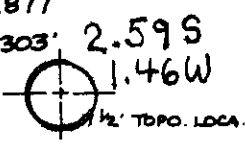
38° 00'

LONGITUDE 81° 30' 00" 81° 30' 13,620"



SURVEY TIES

- (A) = N30°12'04"W ~ 6627.663'
- (B) = N58°16'04"E ~ 112.767'
- (C) = S2°13'38"E ~ 6631.634'
- (D) = S4°20'32"W ~ 1989.156'
- (E) = S6°39'04"W ~ 3644.486'
- (F) = S33°03'12"W ~ 4032.877'
- (G) = S50°17'53"W ~ 4782.303'
- (H) = S66°27'37"W ~ 3065.675'
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FILE NO. _____

DRAWING NO. _____

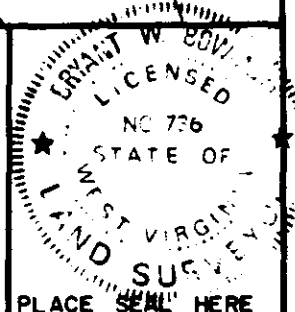
SCALE 1" = 2000'

MINIMUM DEGREE OF ACCURACY 1-10,000

PROVEN SOURCE OF ELEVATION 2249 ~ 1350' NW OF LOCATION

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. _____ L.L.S. 736



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

FORM IV-6
(8-78)



Department of Mines
Oil & Gas Division

DATE APRIL 8, 1983
OPERATOR'S WELL NO. 6A EUNICE
API WELL NO. _____ (REVISED)
47-005-1423
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)
LOCATION: ELEVATION 2150' WATER SHED JAMES CREEK OF WEST FORK
DISTRICT CROOK 1 COUNTY BOONE
QUADRANGLE WHITESVILLE 671 (7/4) BALDKNOB 15' NE3
SURFACE OWNER WESTERN POCAHONTAS CORPORATION ACREAGE 2700±
OIL & GAS ROYALTY OWNER WESTERN POCAHONTAS CORPORATION LEASE ACREAGE 2700±
LEASE NO. 37/195

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 3800'
WELL OPERATOR PEAKE OPERATING CO. 669 DESIGNATED AGENT FLOYD WILCOX
ADDRESS 423 CHAS. NATL. PLAZA ADDRESS 423 CHAS. NATL. PLAZA
CHARLESTON, W.VA. 25301 CHARLESTON, W.VA. 25301

MAR 5 1984
FEB 27 1984



IV-35
(Rev 8-81)

RECEIVED

SEP 20 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 9/20/84
Operator's
Well No. EUNICE #6-A
Farm _____
API No. 47-005-1423

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: 2158' Watershed JAMES CREEK OF WEST FORK
District: CROOK County BOONE Quadrangle WHITESVILLE

COMPANY PEAKE OPERATING CO.
ADDRESS 423 CNP, CHARLESTON, WV
DESIGNATED AGENT FLOYD WILCOX
ADDRESS SAME
SURFACE OWNER WESTERN POCAHONTAS CORP.
ADDRESS P.O. Box 2827, HUNTINGTON, WV
MINERAL RIGHTS OWNER WESTERN POCAHONTAS
ADDRESS P.O. Box 2827, HUNTINGTON, WV
OIL AND GAS INSPECTOR FOR THIS WORK ARTHUR ST. CLAIR ADDRESS BRENTON WV
PERMIT ISSUED 2-28-84
DRILLING COMMENCED 7-14-84
DRILLING COMPLETED 7-28-84
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON NA

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.		26'	3 SKS
13-10"			
9 5/8		1021'	50 SKS
8 5/8	(CEMENTED) ANNULUS		60 SKS
7		2574'	260 SKS
5 1/2			
4 1/2		2870'	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION DEVONIAN SHALE Depth 5360 feet
Depth of completed well 2872 feet Rotary X / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: 247, 330, 358, 371, 965' Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation MAXTON SAND Pay zone depth 2858-2870' feet
Gas: Initial open flow 10,500 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 4,200 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 600 psig (surface measurement) after 48 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

(Continue on reverse side)



1) Date: January 27, 19 84
 2) Operator's Well No. #6-A Eunice
 3) API Well No. 47 - 005 - 1423
 State County Permit

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Underground storage Deep Shallow)
 5) LOCATION: Elevation: 2158 Watershed: James Creek of West Fork
 District: Crook County: Boone Quadrangle: Whitesville 7 1/2
 6) WELL OPERATOR Peake Operating Co. 7) DESIGNATED AGENT Floyd B. Wilcox
 Address 423 Charleston Nat'l Plaza Address 423 Charleston Nat'l Plaza
Charleston, WV 25301 Charleston, WV 25301
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Arthur St. Clair Name unknown
 Address Box 157 Address _____
Brenton, WV 24818
 10) PROPOSED WELL WORK: Drill Drill deeper Redrill Stimulate
 Plug off old formation Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Weir
 12) Estimated depth of completed well, 3950' feet
 13) Approximate trata depths: Fresh, 50 feet; salt, 500 feet.
 14) Approximate coal seam depths: 4000', 980' Is coal being mined in the area? Yes No

RECEIVED
 FEB 9 - 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

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	16	H-40	65#	X		30	30	To Surface	Kinds
Fresh water	13-3/8	H-40	48#	X		450	450	To Surface	
Coal	9-5/8	H-40	36#	X		1050	1050	To Surface	<i>MEAT</i>
Intermediate	7	J-55	17#	X		2574	2574	150 Sks as	req. by rule 1501
Production	4-1/2	J-55	9.5#	X		3940	3940	300 sacks	Depths set
Tubing									<i>or as req. by rule 1501</i>
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-005-1423 Date February 28, 19 84

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 February 28, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <i>ls</i>	Plat: <i>MH</i>	Casing: <i>MH</i>	Fee: <i>3384</i>
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Margaret J. House
 Administrator, Office of Oil and Gas

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

File

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

WR-38
12-9-98

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

RECEIVED 005-1423
Office of Oil & Gas
Permitting

JAN 21 1999

AFFIDAVIT OF PLUGGING AND FILLING WELL

WV Division of
Environmental Protection

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 PROPERTIES Operator Well No.: 6A

LOCATION: Elevation: 2158' Quadrangle: WHITESVILLE
District: CROOK County: BOONE
Latitude: 2249 Feet South of 37 Deg. 57 Min. Sec.30
Longitude 1350 Feet West of 81 Deg. 32 Min. Sec.30

Well Type: OIL _____ Gas X

Company: Peake Energy, Inc. Coal Operator Independence Coal Company, Inc.
P. O. Box 8 or Owner HC 78 Box 1800
Ravenswood, WV 26164 Madison, WV 25130

Agent: Thomas S. Liberatore Coal Operator Performance Coal Company, Inc.
or Owner P. O. Box 69
Naomi, WV 25140

Permit Issued: 12/3/98

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of BOONE ss:

Joe Petty and Ben Parson 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 R. Campbell Oil and Gas Inspector representing the Director, say that said work was commenced on the 4th day of Dec 19 98 and that the well was plugged and filled in the following manner:

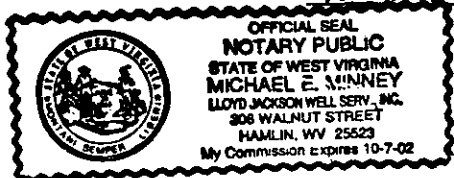
TYPE	FROM	TO	PIPE REMOVED	LEFT
Class A	2872'	2472'	2800' (2-3/8" tubing)	
CIBP	1354'		2810' (4-1/2")	
RFC (Thixotropic)	1354'	954'		2574' (7")
Class A	320'	0		1021' (9-5/8")
				26' (16")

* 6% GEL spacers between plugs

Description of monument: 6' X 4-1/2" with API No. Attached and that the work of plugging and filling said well was completed on the 9th day of December, 19 98

And further deponents saith not.

Sworn and subscribe before me this 14th day of December, 19 98
My commission expires: 10-2-2002



Oil and Gas Inspector:

Joe Petty
Ben Parson
Michael E. Minney Notary Public
Richard H. Campbell

FEB 08 1999

800 1423

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

325 DRILLED INTO GAS POCKET IN MARION ZONE. WELL WAS GUAGED AT 10,500 MMCF AFTER FLOWING 4HR UNRESTRICTED.

WELL HAD TO BE KILLED WITH GELLED WATER IN ORDER TO REMOVE DRILL PIPE AFTER REMOVING DRILL PIPE, 4 1/8" CASING WAS RUN INTO HOLE. THEN HOLE WAS SWABBED.

WELL WAS MAKING 4,200 MMCF AFTER SWABBING

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SAND & SHALE			0	1000	COAL SEAMS: 247'-256' 225
SANDY SHALE			1000	1315	330'-334' 223
SHALE			1315	1700	358'-364' 228
SAND			1700	2023	371'-376' 228
SHALE			2023	2043	965'-971' 228
SAND			2043	2275	
SHALE			2275	2290	
SAND			2290	2380	DRILLED INTO GAS POCKET AT APPROX. 2270'
SANDY SHALE			2380	2472	GUAGED AT 10,500 MMCF
SHALE			2472	2532	
SAND			2532	2570	
SANDY SHALE			2570	2675	
LIME (AVIS) 220			2675	2700	
SHALE			2700	2736	
SAND & SHALE			2736	2820	
SAND			2820	TD	
			TEMPORARY TD AT 2870. IF GAS POCKET BLOWS DOWN WELL WILL BE DRILLED TO PERMITTED DEPTH;		

OTO - 2872'

(Attach separate sheets as necessary)

PEAKE OPERATING CO.
Well Operator
By: Roy B. Wilson
Date: Sept 19, 1984

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 strata, encountered in the drilling of a well."