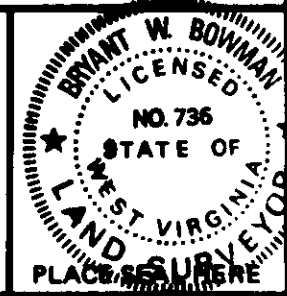


FILE NO. _____
 DRAWING NO. _____
 SCALE 1-2000
 MINIMUM DEGREE OF ACCURACY 1-5000
 PROVEN SOURCE OF ELEVATION TIPLA WELL No. 876
ELEVATION 1447.3

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



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506
 (8-10)



DATE 10/12, 19 81
 OPERATOR'S WELL NO. EUNICE No. 2
 API WELL NO. _____
47 005 - 01383-P
 STATE COUNTY PERMIT

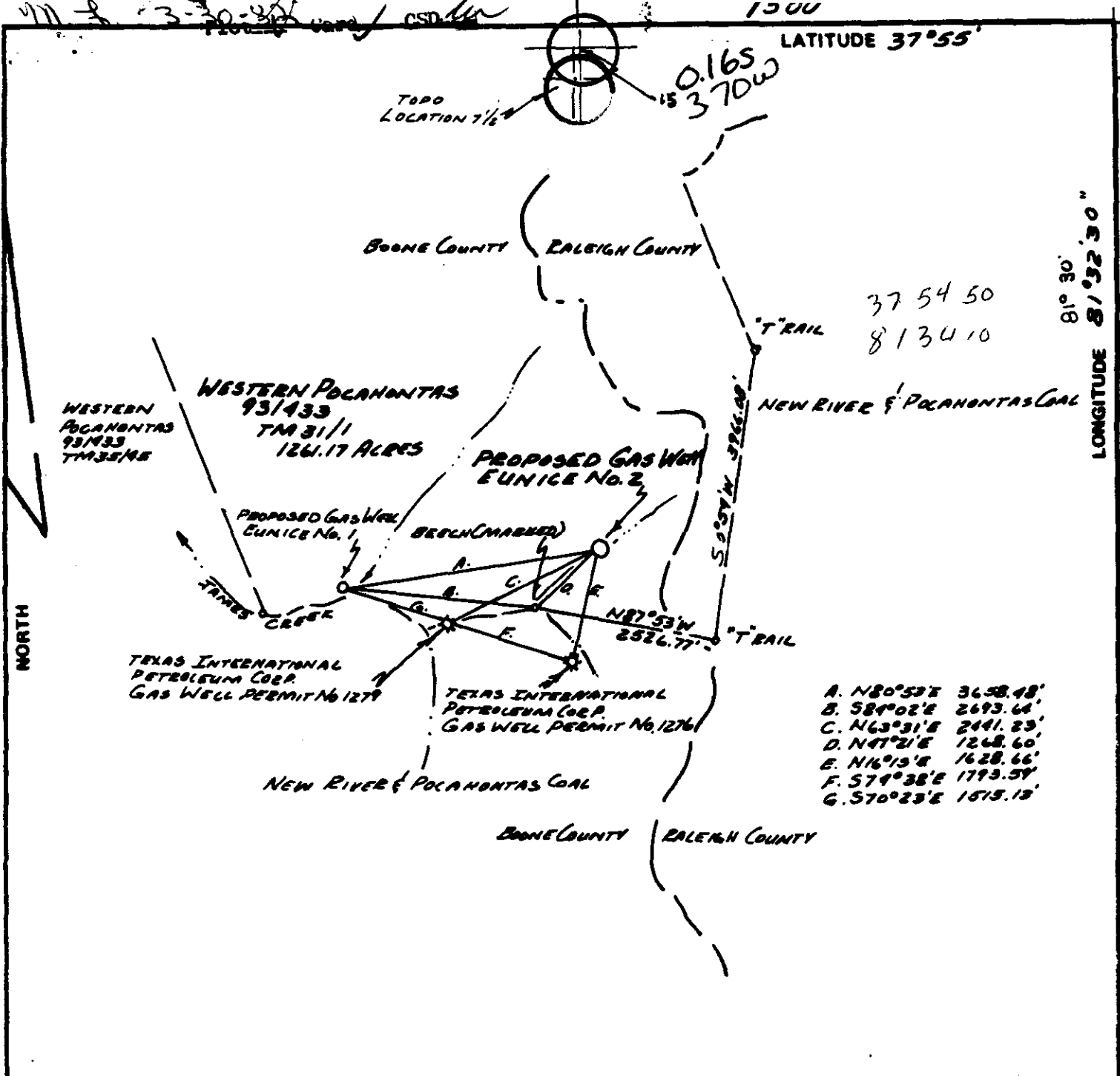
Permanent Plugging

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1852 WATER SHED JAMES CREEK OF WEST FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE WHITESVILLE 7 1/2
 SURFACE OWNER WESTERN POCANTONAS ACREAGE 1261.17
 OIL & GAS ROYALTY OWNER WESTERN POCANTONAS LEASE ACREAGE 1261.17 ±
 LEASE NO. 31-218
 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 WV ESTIMATED DEPTH 3643'

Peake Operating Company
 P.o. Box 8
 Ravenswood, wva. 26164-0008

SIGNATED AGENT
 ADDRESS: Thomas Liberatore
 Same Address
 PH: 304-273-5371



FILE NO. _____
 DRAWING NO. _____
 SCALE 1-2000
 MINIMUM DEGREE OF ACCURACY 1-5000
 PROVEN SOURCE OF ELEVATION TIPCO WELL NO. 276
ELEVATION 1449.3

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) Raymond Bowman
 R.P.E. _____ L.L.S. 736

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 1852 WATER SHED JAMES CREEK DE WEST FORK
 DISTRICT CROOK COUNTY BOONE
 QUADRANGLE WHITESVILLE 7 1/2 Bald Knob EC
 SURFACE OWNER WESTERN POCAHONTAS ACREAGE 126.17
 OIL & GAS ROYALTY OWNER WESTERN POCAHONTAS LEASE ACREAGE 126.17 +-
 LEASE NO. 31-218
 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 3643'
 WELL OPERATOR PEAKE OPERATING CO. DESIGNATED AGENT FLOYD WILCOX
 ADDRESS 201 DUNBAR OFFICE PARK ADDRESS 201 DUNBAR OFFICE PARK
DUNBAR, WEST VIRGINIA DUNBAR, WEST VIRGINIA

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 10/12, 19 81
 OPERATOR'S WELL NO. EUNICE No. 2
 API WELL NO. _____
47 005 - 1383
 STATE COUNTY PERMIT
 APR 28 1982

WELL PHOTOPRINT SERVICE
 2/83
 6-0 (11/82) Hopkins Fork-Jarolds Valley (247)



OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date JAN 31 1983
Operator's Well No. 2-A
Farm Eunice
API No. - 005 - 1383

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

2nd Hole--Driller dropped 4 1/2" pipe down 1st hole.

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

LOCATION: Elevation: 1852' Watershed James Creek of West Fork
District: Crook County Boone Quadrangle Whitesville 7 1/2'

COMPANY Peake Operating Company
ADDRESS Suite 423 Charleston National Plaza
Charleston, West Virginia 25301
DESIGNATED AGENT Floyd B. Wilcox
ADDRESS Suite 423 Charleston National Plaza
Charleston, WV 25301
SURFACE OWNER Western Pocahontas Corporation
ADDRESS P.O. Box 2827, Huntington, WV 25727
MINERAL RIGHTS OWNER Western Pocahontas Corp.
ADDRESS P. O. Box 2827, Huntington, WV 25727
OIL AND GAS INSPECTOR FOR THIS WORK Arthur
St. Clair ADDRESS Brenton, W. Va.

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16			
13-10"			
9 5/8	779'	779'	
8 5/8			
7	2012'	2012'	
5 1/2			
4 1/2		3502'	
3			
2			
Liners used			

PERMIT ISSUED April 10, 1982
DRILLING COMMENCED September 25, 1982
DRILLING COMPLETED October 11, 1982

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

GEOLOGICAL TARGET FORMATION Weir Depth 3409-3438 feet
Depth of completed well 3560 feet Rotary x / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Weir Pay zone depth 3410-19
2427-30 feet
Gas: Initial open flow 11 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 1,750 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 5 1/2 hours
Static rock pressure 800 psig (surface measurement) after _____ 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

FEB 14 1983

(Continue on reverse side)

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

Perforated Weir 3410-19 (21 holes) and 3427-30 (12 holes).

Fracd using 15,000# 80/100 sand and 45,000# 20/50 sand; 1,000 gal. 15% acid; 50 gal. F-75; 850# J-266; 44# J-218. Breakdown pressure 2100#, average treating pressure 500#, instant shut in pressure 200#, hydraulic horsepower 307, average rate 25 BPM. Used 3½# of sand per gallon.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sandstone & Shale			0	693	Hole wet at 2600'
Open mine and broken formation			693	713	
Shaley sand			713	800	
Sandy shale			800	1033	
Shale			1033	1454	
Sandstone			1454	1783	
Shale			1783	1802	
Sand			1802	2018	
Shale			2018	2038	
Sand			2038	2128	
Sandy shale			2128	2217	
Shale			2217	2276	
Sand			2276	2300	
Sandy shale			2300	2403	
Lime			2403	2436	
Shale			2436	2469	
Sand & shale			2469	2550	
Sand			2550	2636	
Sand & shale			2634	2840	
Sand			2840	2901	
Shale			2901	2921	Gas checks: 2905 N/S 3364 24 MCFD 3489 33 MCFD
Big Lime			2921	3248	
Sand & shale			3248	3409	
Weir			3409	3438	
Sand & shale			3438	T. D.	

DTD 3560
LTD 3550

(Attach separate sheets as necessary)

Peake Operating Company
Well Operator
By: David B. Nelson
Date: Jan 31, 1983

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."

IV-35
(Rev 8-81)

OCT 29 1982



OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date October 18, 1982
Operator's
Well No. 2-A
Farm Eunice
API No. 47 - 005 - 1383

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: 1852' Watershed James Creek of West Fork
District: Crook County Boone Quadrangle Whitesville 7 1/2'

COMPANY Peake Operating Company

ADDRESS 423 Charleston National Plaza
Charleston, West Virginia 25301

DESIGNATED AGENT Floyd B. Wilcox

ADDRESS 423 Charleston National Plaza
Charleston, WV 25301

SURFACE OWNER Western Pocahontas Corporation

ADDRESS P.O. Box 2827, Huntington, WV 25727

MINERAL RIGHTS OWNER Western Pocahontas Corp.

ADDRESS P.O. Box 2827, Huntington, WV 25727

OIL AND GAS INSPECTOR FOR THIS WORK Arthur

St. Clair ADDRESS Brenton, WV

PERMIT ISSUED April 10, 1982

DRILLING COMMENCED August 18, 1982

DRILLING COMPLETED September 7, 1982

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON September 20, 1982

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30'	30'	
9 5/8	763'	763'	
8 5/8			
7	1843'	1843'	
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Weir Depth 3418-3447 feet

Depth of completed well 3726 feet Rotary x / Cable Tools

Water strata depth: Fresh ___ feet; Salt ___ feet

Coal seam depths: 657', 713' (open mine) Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Weir Pay zone depth ___ feet

Gas: Initial open flow 37 Mcf/d Oil: Initial open flow ___ Bbl/d

Final open flow Abandoned Hole 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 ___ 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 NOV 8 1982)

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

~~Not completed~~, dropped 1993' of 4½" casing down the hole. Attempt to whipstock failed, will move 50' and redrill.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sandstone & shale			0	693	Hole wet at 884'
Open mine & broken formation			693	713	Water at: 1904' and above
Shaley sand			713	800	
Sandy shale			800	1033	
Shale			1033	1454	
Sandstone			1454	1783	
Shale			1783	1802	
Sand			1802	2018	
Shale			2018	2038	
Sand			2038	2128	
Sandy shale			2128	2217	
Shale			2217	2276	
Sand			2276	2300	
Sandy shale			2300	2403	
Lime			2403	2436	
Shale			2436	2469	
Sand & shale			2469	2550	
Sand			2550	2636	
Sand & shale			2636	2846	
Sand			2846	2910	
Shale			2910	2929	
Big Lime			2929	3330	
Sand & shale			3330	3418	Gas checks: 3405'KB TSTM 1"
Weir			3418	3434	3493'KB 39 MCFD
Sand & shale			3434	3726	3617'KB 37 MCFD
DTD	3726				
LTD	3714				

(Attach separate sheets as necessary)

Peak Operating Company
Well Operator
By: Floyd B Wilcox
Date: October 18, 1982

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 soil, encountered in the drilling of a well."

(Reverse)

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address

GEOLOGICAL TARGET FORMATION Weir

Estimated depth of completed well 3643 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 50 feet; salt, 500 feet.
Approximate coal seam depths: 657'
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight, New, Used), FOOTAGE INTERVALS (For Drill-ling, Left in Well), CEMENT FILL (UP OR SACKS, Cubic ft.), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom)

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 12-10-82.

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By: [Signature]
Its: [Signature]