

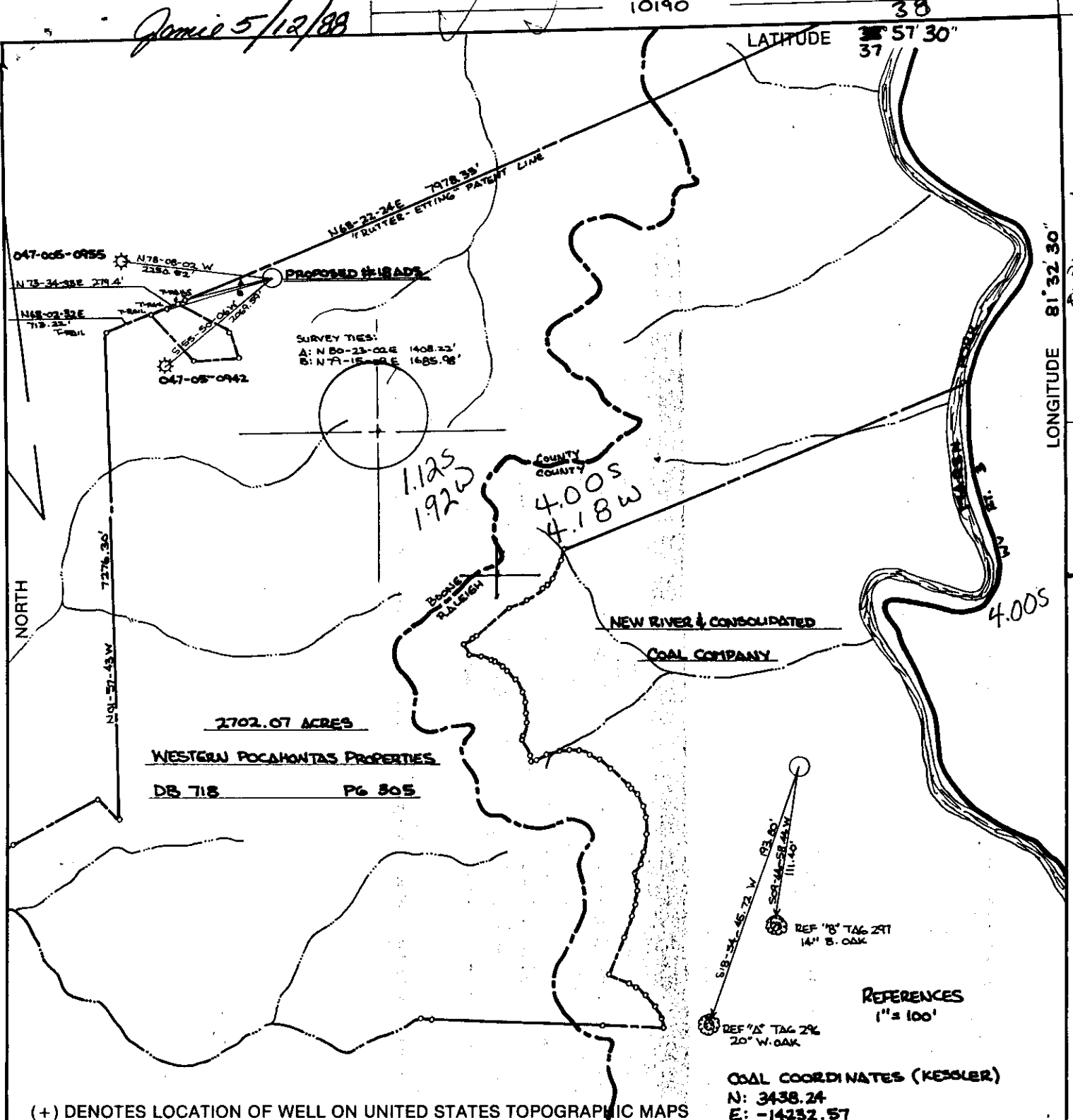
Done 5/12/88

10190'

38

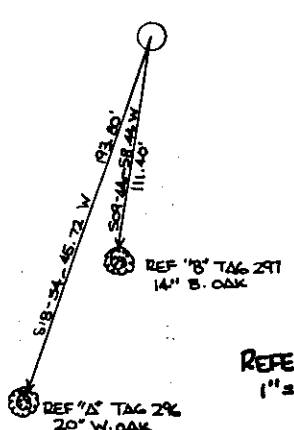
LATITUDE 37° 57' 30"

LONGITUDE 81° 32' 30"



2702.07 ACRES

WESTERN POCAHONTAS PROPERTIES
DB 718 PG 305

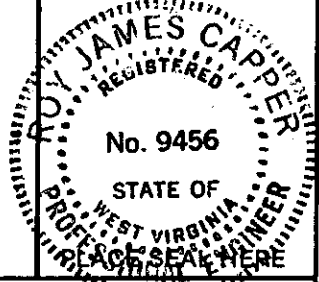


COAL COORDINATES (KESSLER)
N: 3438.24
E: -1432.57

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

FILE NO. P000501
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 IN 5000
 PROVEN SOURCE OF ELEVATION EXISTING GAS
 WELL BOONE 942 (2022.68')

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 ENERGY.
 (SIGNED) Ray James Capper
 R.P.E. 9456 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE _____
 OPERATOR'S WELL NO. EUNICE #18A
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2191.3' WATER SHED UNAMED BRANCHES OF ELK RUN
 DISTRICT SHERMAN 4 COUNTY BOONE
 QUADRANGLE WHITESVILLE 7.5' 67 006 3 Bald Knob NE
 SURFACE OWNER WESTERN POCAHONTAS PROPERTIES, LTD. ACREAGE 2702.07
 OIL & GAS ROYALTY OWNER CSX MINERALS, INC. LEASE ACREAGE 2702.07
 LEASE NO. _____

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 DATE MAY 27 1988
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR PEAKE OPERATING COMPANY DESIGNATED AGENT TIMOTHY K. WILCOX
 ADDRESS 423 CNB PLAZA ADDRESS 423 CNB PLAZA
CHARLESTON, WV 25301 669 CHARLESTON, WV 25301

6-6 Hopkins Fork - Jarrolds Valley (247)

FORM WW-6 H.T. HALL 48673

COUNTY NAME PERMIT

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas**RECEIVED**
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Well Operator's Report of Well Work

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Farm Name: WESTERN POCAHONTAS PROP

Operator's Well No: EUNICE 18-A

LOCATION: Elevation: 2191.30

Quadrangle: WHITESVILLE

District: SHERMAN

County: BOONE

Latitude: 5930 Feet South of 38 Deg. 57 Min. 30 Sec.

Longitude: 10190 Feet West of 81 Deg. 22 Min. 30 Sec.

Company: PEAKE OPERATING COMPANY
1401 CHARLESTON NAT'L PLAZA
CHARLESTON, WV 25301

Agent: Thomas S. Liberatore

Inspector: JERRY HOLCOMB

Permit Issued: 05/24/88

Well work Commenced: 10/14/88

Well work Completed: 10/22/88

Verbal Plugging

Permission granted on:

Rotary X Cable Rig

Total Depth (feet) 3977' KB

Fresh water depths (ft) NONE

Salt water depths (ft) NONE

Is coal being mined in area (Y/N)?

Coal depths (ft): 150-155, 198-206

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8"	252'	252'	200 Sks
9 5/8"	1141'	1141'	400 Sks
7"	2314'	2314'	390 Sks
4 1/2"	3952'	3952'	55 Sks
2 3/8"			

OPEN FLOW DATA

Producing formation Weir Pay zone depth (ft) 3779' - 3828'
 Gas: Initial open flow 15 Mcf/d Oil: Initial open flow 0 bbl/d
 Final open flow 1,020 Mcf/d Final open flow 0 bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock Pressure 755 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
 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 pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGIC RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Thomas S. Liberatore
 For: PEAKE OPERATING COMPANY

NOV 18 1988

By: Thomas S. Liberatore - AgentDate: 11-9-88

24

005-1478
Issued 5/24/88 Expires 5/24
Page 3 of 4

FORM WW-2B

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

- 1) Well Operator: PEAKE OPERATING COMPANY 37100 4, 076
- 2) Operator's Well Number: Eunice #18-A 3) Elevation: 2191.3'
- 4) Well type: (a) Oil or Gas /
(b) If Gas: Production / Underground Storage /
Deep Shallow /
- 5) Proposed Target Formation(s): Weir 387
- 6) Proposed Total Depth: 3920 feet
- 7) Approximate fresh water strata depths: 920 ASL 1291 KB
- 8) Approximate salt water depths: 580 ASL 1641 KB
- 9) Approximate coal seam depths: 165, 210, 640, 1090
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill and stimulate.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16	H-40	42#	30	30	CTS
Fresh Water	13-3/8	H-40	32#	240	240	CTS
Coal	9-5/8			1140	1140	38CSR18-11.3
Intermediate	7	J-55	17#	2390	2390	CTS
Production	4-1/2	J-55	9.5#	3920	3920	38CSR18-11.1 150 sks.
Tubing	2-3/8					
Liners						

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MAY 04 1988

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond 50 blanket (Type) Agent

6985
1005
12

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1) Date: May 4, 1988
2) Operator's well number
Eunice #18-A
3) API Well No: 47 - 005 - 1478
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Western Pocahontas Prop. Ltd.
Address Box 2827 Ptnrship.
Huntington, WV 25727
 - (b) Name Attn: K. Wall
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
- Name Kessler Coals
Address Box 130, Whitesville, WV 25209
Peabody Coal, Box 1233, Charleston, WV 25303
 - (b) Coal Owner(s) with Declaration
Name Western Pocahontas Prop. Ltd. Ptnrs
Address Box 2827
Huntington, WV 25727
 - Name Attn: Kevin Wall
Address _____
 - (c) Coal Lessee with Declaration
Name Primeacre Land Corp. Attn: Tim Come
Address 7012 MacCorkle Ave., S.E.
Charleston, WV 25304
- 6) Inspector Jerry Holcomb
Address Route 2 Box 159 Hwy #34
Humber, W.V. 25523
Telephone (304)- 824-3963

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

___ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
x Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

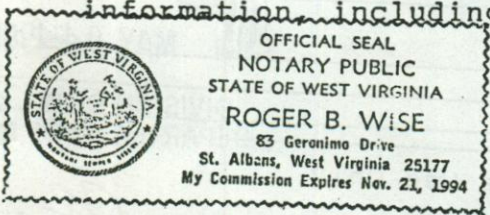
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties, by:

- ___ Personal Service (Affidavit attached)
- x Certified Mail (Postmarked postal receipt attached)
- ___ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator Peake Operating Company
By: J. Sweekey
Its: Vice President/General Manager
Address 423 Charleston National Plaza
Charleston, WV 25301
Telephone (304) 342-6970

Subscribed and sworn before me this 4 day of MAY, 19 88

My commission expires Nov. 21, 1994 Notary Public

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

1-2-88 Perforated the Weir with 27 holes 3779'-3828'. 75Q Foam Frac: 500g 15% HCl, 500 gal methanol pre-flush, 15,000# 80/100, 60,000# 20/40, 465 MCF N2, 316 Bbl water. BDP 1730#, ATP 1650# ISIP 1090#, 975 A/15 Min

WELL LOG

FORMATION TYPE	TOP FEET	BASE FEET	REMARKS (water, coal, oil, gas)
Standstone	0	500 KB	
Shaley sand	500	1182	No water reported
Shale w/ sandstone	1182	1670	
Shaley sand	1670	1950	
Shale w/ sand	1950	2045	
Standstone	2045	2353	
Shale	2353	2380	
Sandstone	2380	2450	
Shale w/ sand	2450	2630	
Shale	2630	2703	
Avis Lime	2703	2735	
Shale	2735	2847	
Maxton	2847	2957	Gas Checks
Shale	2957	3201	
Big Lime	3201	3565	2796' - N/S
Injun Sand & Shale	3565	3674	2890' - N/S
Upper Weir	3674	3691	3167' - N/S
Shale	3691	3759	3602' - N/S
Middle Weir	3759	3860	3759' - N/S
Shale	3860	3981	T.D 2/10 WI" = 15MCFD
DTD	<u>3977</u>		
LTD	3981		

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 DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

NOV 18 1988

DEPTHS FROM OPEN HOLE LOG, KB 10' ABOVE G. L. ←