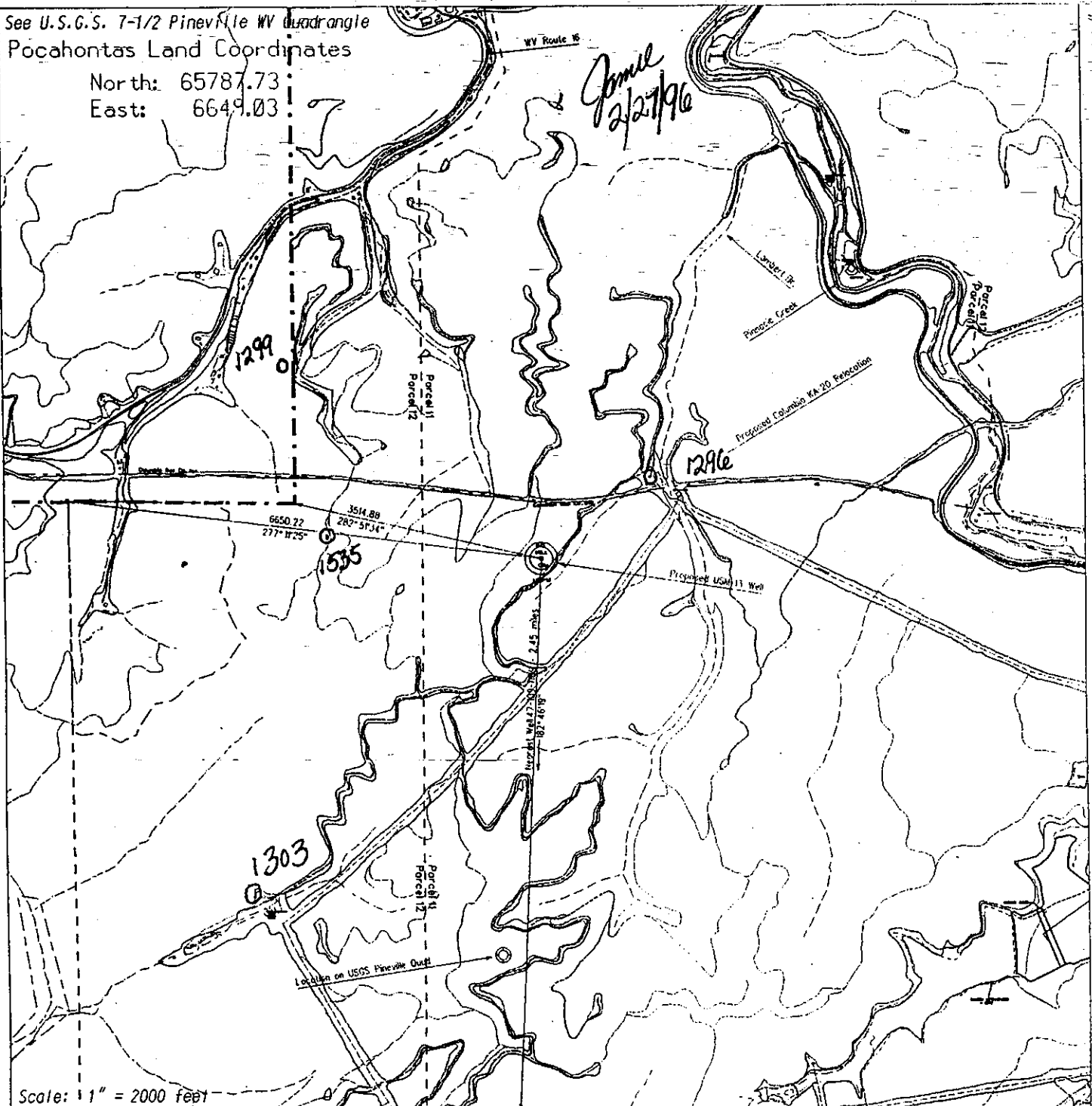


See U.S.G.S. 7-1/2 Pineville WV Quadrangle
Pocahontas Land Coordinates

North: 65787.73
East: 6649.03

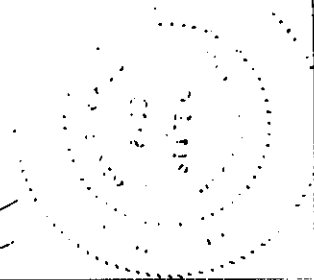
*Janell
2/27/96*



Scale: 1" = 2000 feet

FILE No. \USM-TD-40\dgn\jd\plats
DRAWING No. cbm-13.dgn
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1:2500
PROVEN SOURCE OF ELEVATION BM-1691 USGS 26-AFK

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) *H. Claude Banner*
R.P.E. 2430 R.P.S.



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
HITRO, WV

Date: December 20, 1995
Operator's Well No. USM-13
API Well No. 47-109-1536C
State County Permit

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW CBM
LOCATION: ELEVATION: 1814.21 WATERSHED: Lambert Br/Pinnacle Cr/Guyandotte R.
DISTRICT: Center COUNTY: Wyoming
QUADRANGLE: USGS Pineville WV 7-1/2' Series
SURFACE OWNER Pocahontas Land Corporation ACREAGE 74788
OIL & GAS ROYALTY OWNER Pocahontas Land Corporation LEASE ACREAGE 74788
LEASE NO. 58905

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 CLEANOUT AND REPLUG
TARGET FORMATION Pocahontas No.3 Seam ESTIMATED DEPTH 837.6

WELL OPERATOR U.S. Steel Mining Co., Inc. DESIGNATED AGENT Joseph A Zupancic
ADDRESS P.O. Box 338 Pineville, WV 24874 ADDRESS P.O. Box 338 Pineville, WV 24874

COUNTY NAME WYO PERMIT 1536-C

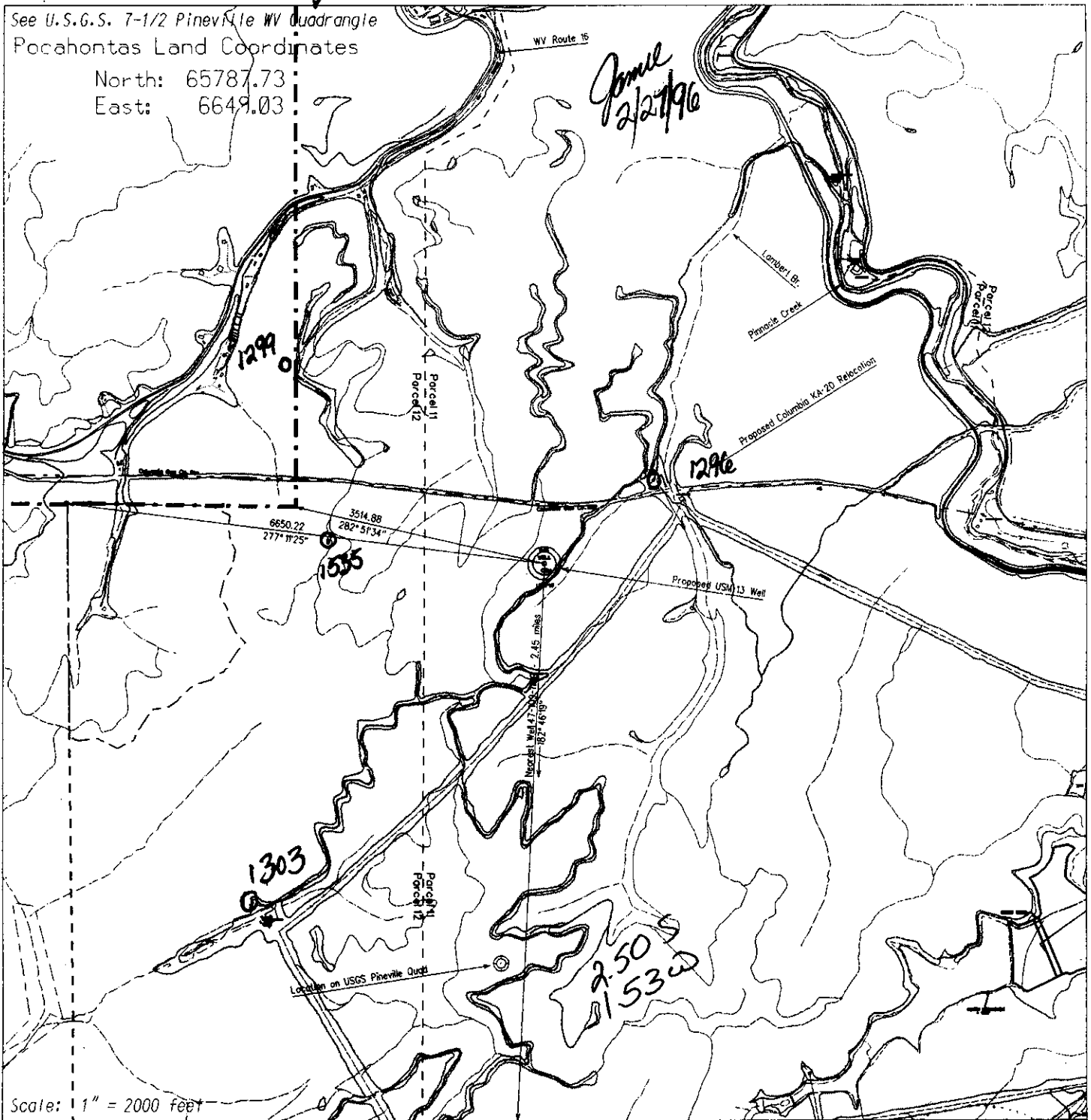
AUG 04 2000

✓

See U.S.G.S. 7-1/2 Pineville WV Quadrangle
Pocahontas Land Coordinates

North: 65787.73
East: 6649.03

*Janice
2/27/96*

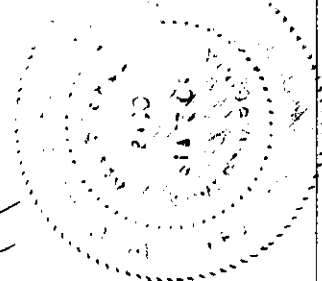


Scale: 1" = 2000 feet

FILE No \USM-TD-40\dgn\jd\plats
DRAWING No. cbm-13.dgn
SCALE 1" = 2000'
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PROVEN SOURCE OF ELEVATION BM-1691 USGS 26-AFK

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(SIGNED) *W. Claude Banner*
R.P.E. 2430 R.P.S



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
NITRO, WV

Date: December 20, 1995

Operator's Well No. USM-13

API Well No. 47-109-1536C
State County Permit

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW CBM

LOCATION: ELEVATION: 1814.21 WATERSHED: Lambert Br/Pinnacle Ck/Guyandotte R

DISTRICT: Center COUNTY: Wyoming

QUADRANGLE: USGS Pineville WV 7-1/2' Series SE

SURFACE OWNER Pocahontas Land Corporation ACREAGE 74788

OIL & GAS ROYALTY OWNER Pocahontas Land Corporation LEASE ACREAGE 74788
LEASE NO. 58905

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 CLEANOUT AND REPLUG

TARGET FORMATION Pocahontas No.3 Seam ESTIMATED DEPTH 837.6

WELL OPERATOR U.S. Steel Mining Co., Inc. DESIGNATED AGENT Joseph A Zupanick

ADDRESS P.O. Box 338 890 ADDRESS P.O. Box 338
Pineville, WV 24874 Pineville, WV 24874

COUNTY NAME

PERMIT

106-291

JAN 24 1997
Permitting
Office of Oil & Gas

State of West Virginia
Division of Environmental Protection
Section of Oil & Gas

Well Operator's Report of Well Work

Farm name: POCAHONTAS LAND CORP. Operator Well No: USM-13
Location: Elevation: 1814.21 Quadrangle: USGS 7½' Pineville
District: Center County: Wyoming
Latitude: 13,145 Feet South of 37 Deg. 35 Min. 0 Sec.
Longitude: 8,100 Feet West of 81 Deg. 30 Min. 0 Sec.
Company: U.S. STEEL MINING COMPANY, LLC
P.O. Box 338
Pineville, WV 24874-0338

Agent: J. A. Zupanick

Inspector: Offie Helmick
Permit Issued: 02/26/96
Well Work commenced: 05/28/96
Well Work completed: 05/31/96
Verbal plugging
Permission granted on:
Rotary x Cable _____ Rig
Total depth (ft) 1061
Fresh water depths (ft) _____
Salt water depths (ft) _____
Is coal being mined in the area (Y/N)? Y
Coal depths (ft): Poca 3/ 841.5-846'
Poca 4/ 785-789'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up
13 3/8"	30'	30'	7.5 ³
7"	639.2	639.2	352 ³
4 1/2"		602.15	Packer in 7"

OPEN FLOW DATA

Producing formation Pocahontas No. 3 Seam Pay zone depth (ft) _____
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow N/A 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
Second Producing formation Pocahontas No. 4 Seam Pay zone depth (ft) _____
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow N/A 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 SYSTEMATICK DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

JAN 31 1997

J. A. Zupanick
For: U.S. Steel Mining Co., Inc
By: Joseph A. Zupanick
Date: January 20, 1996

Operator: USM-13
 API: 47-109-01536-C
 Location: Pineville

Details of Perforated Intervals, Fracturing or Stimulation, Physical Change, Etc.

Poca #3

Open hole Frac
 Would Not Breakdown
 Released Packer moved to 4 Seam

Poca #4

Breakdown Pressure 1640#
 3392 BBLs of Fresh Water
 36,300# of 20/40 sand
 57,700# of 12/20 sand
 Open hole frac through Packer

Well Log & Geologic Record

Formation	Top	Bottom
Sandstone	493	553
Sandy Shale	553	564
Sandstone	564	730
Shale	730	785
Coal (Poca 4)	785	789
Shale	789	819
Sandstone	819	834
Shale	834	841
Coal (Poca 3)	841	845
Shale	845	857
Sandstone	857	901
Sandstone	901	990
Sandy Shale	990	1042
Sandstone	1042	1061

FEB 22 1996

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

Permitting
 Office of Oil & Gas

820

3

549

- 1) Well Operator: U. S. Steel Mining Co., Inc. 50510
- 2) Operator's Well Number USM 13 3) Elevation: 1814.21
- 4) Well Type: (a) Oil / or Gas x /
 (b) If Gas: Production / Underground Storage / CBM x /
 Deep / Shallow
- 5) Proposed Target Formation(s): 278 Poca #6 / 297 Poca #4 / 295 Poca #3
- 6) Proposed Total Depth: 838 feet
- 7) Approximate fresh water strata depths: 200±
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: 700 / Poca 6 / 770 / Poca 4 / 838 / Poca 3
- 10) Does land contain coal seams tributary to active mine? Yes x Poca 3 / No /
- 11) Proposed Well Work: Drill and Stimulate Coal Methane Well

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"		55#	30'	0	18
Fresh Water	11 3/4"		38#	640'	640'	302
Coal						
Intermediate						
Production	5 1/2"		17#	833'	833'	
Tubing						
Liners						

PACKERS: Kind
 Sizes
 Depths set

For Division of Oil and Gas Use Only

7703

Fee(s) paid: 6 Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Agent
 Type

21592

RECEIVED
WV Division of
Environmental Protection
FEB 22 1996
Permitting
Office of Oil & Gas

- 1) Date: _____
- 2) Operator's Well Number
 USM-13
- 3) API Well No: 47 - 109 - 1536-C
 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 Pocahontas Land Corporation
Address 800 Princeton Avenue
 Bluefield, WV 24701
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name U. S. Steel Mining Co., Inc.
Address Box 338
 Pineville, WV 24874
 - (b) Coal Owner(s) with Declaration
Name Pocahontas Land Corporation
Address 800 Princeton Avenue
 Bluefield, WV 24701
 - Name _____
Address _____
- 6) Inspector Ofie Helmick
Address P. O. Box 398
 Brenton, WV 24818
Telephone (304) - 732-9135
- (c) Coal Lessee with Declaration
Name USX Corporation
Address P.O. Box 5686
 Princeton, WV 24740

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:

- X Personal Service (Affidavit attached)
- _____ 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 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 U. S. Steel Mining Co., Inc.
 By: John L. Schroder, III
 Its: John L. Schroder, III - General Manager
 Address Box 338
Pineville, WV 24874
 Telephone (304) 732-5293

Subscribed and sworn before me this _____ day of _____, 19____

Notary Public

My commission expires _____