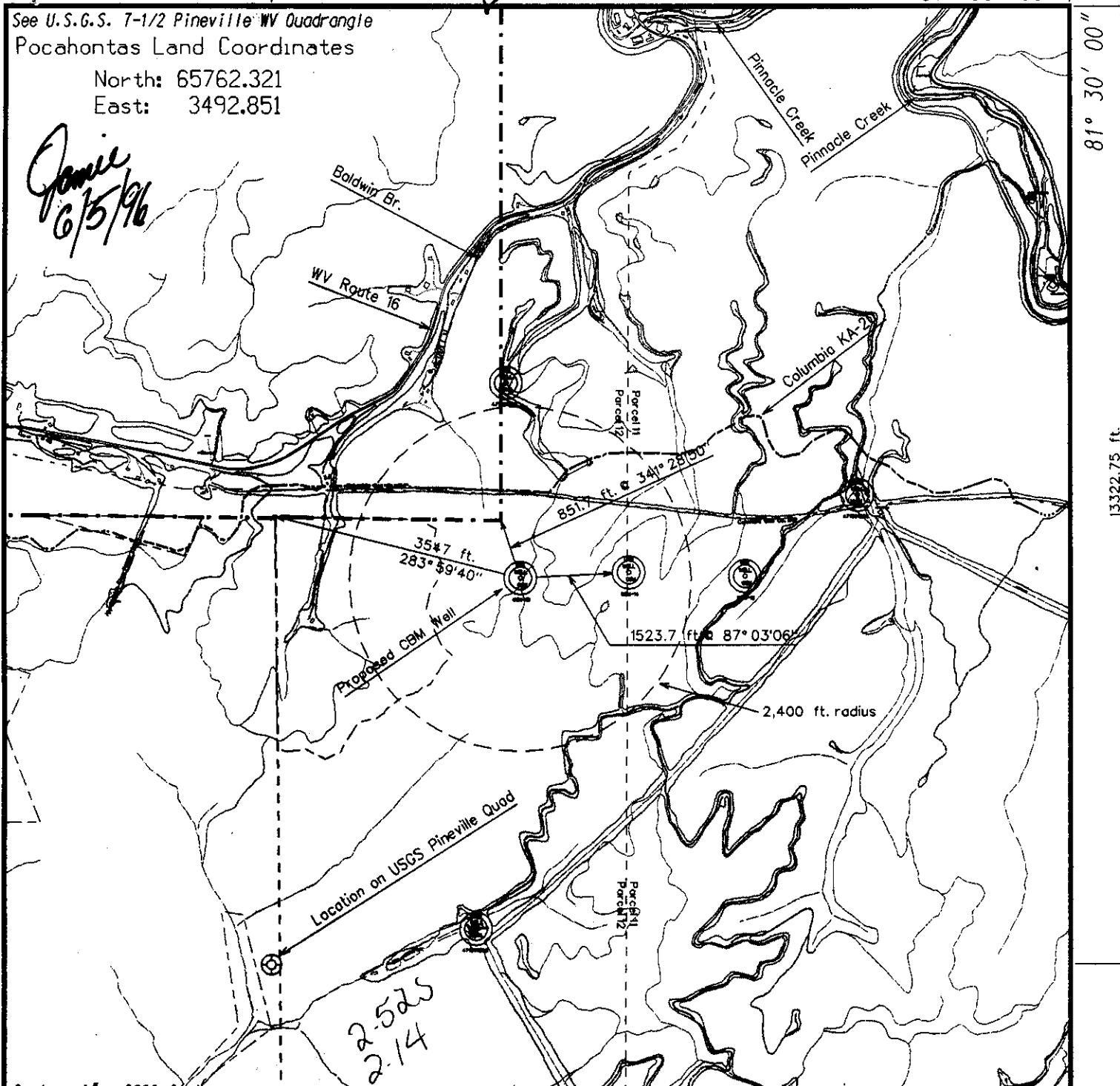


See U.S.G.S. 7-1/2 Pineville WV Quadrangle
Pocahontas Land Coordinates

North: 65762.321
East: 3492.851

*Janie
6/5/96*

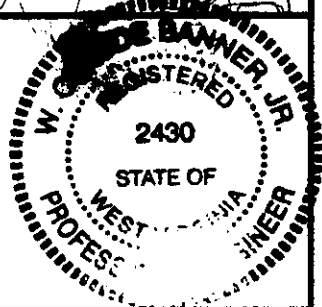


Scale: 1" = 2000 feet

FILE No. \USM-TD-40\dgn\j\d\plats
DRAWING No. cbm-12.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) *Claude Banner, Jr.*
R.P.E. 2430 R.P.S.



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

Date: March 18, 19 96
Operator's Well No. USM-12 REVISED
API Well No. 47-109-1535-C
State County Permit

WELL TYPE: OIL GAS XX LIQUID INJECTION WASTE DISPOSAL
(IF 'GAS') PRODUCTION XX STORAGE DEEP SHALLOW CBM XX 47-109-01535C
LOCATION: ELEVATION: 2048.48 WATERSHED: Baldwin Br./Pinnacle Creek/Guandotte
DISTRICT: Center COUNTY: Wyoming
QUADRANGLE: USGS Pineville WV Quadrangle
SURFACE OWNER Pocahontas Land Corporation ACREAGE 74788
OIL & GAS ROYALTY OWNER Pocahontas Land Corporation LEASE ACREAGE 74788
LEASE NO. 58905

PROPOSED WORK: DRILL XX CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE XX PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEANOUT AND REPLUG
TARGET FORMATION Pocahontas No.3 ESTIMATED DEPTH 1137.0
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

JUN 7 1996

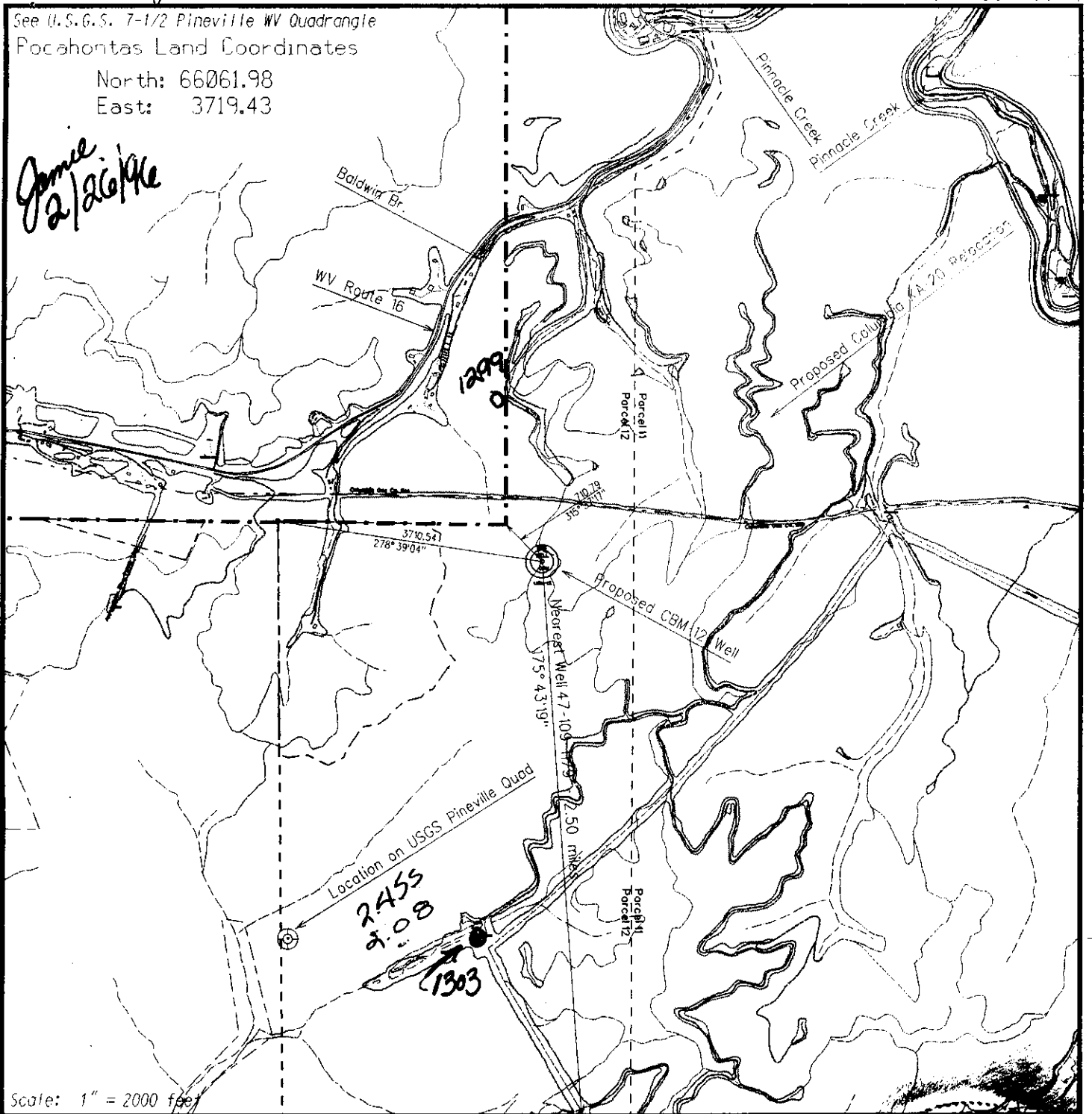
Approved & Location Red Plan

6-6-251

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

North: 66061.98
East: 3719.43

*Jamie
2/26/96*



Scale: 1" = 2000 feet

FILE No. \USM-TD-40\dgn\jd\plats
 DRAWING No. cbm-12.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) *A. Claude Bennett*
 R.P.E. 2430 R.P.S.



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

Date: December 13, 1995

Operator's Well No. USM-12

API Well No. **47-109-1535-C**
State County Permit

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW CBM
 LOCATION: ELEVATION: 2043.05 WATERSHED: Baldwin Br./Pinnacle Creek/Guyandotte
 DISTRICT: Center COUNTY: Wyoming
 QUADRANGLE: USGS Pineville WV Quadrangle **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 ESTIMATED DEPTH 1129.14

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
FEE/DATE

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-12
Location: Elevation: 2048.48 Quadrangle: USGS 7½' Pineville
District: Center County: Wyoming
Latitude: 13,322 Feet South of 37 Deg. 35 Min. 0 Sec.
Longitude: 11,226 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: 06/03/96
Well Work commenced: 06/03/96
Well Work completed: 06/06/96
Verbal plugging
Permission granted on:
Rotary x Cable _____ Rig
Total depth (ft) 1345
Fresh water depths (ft) _____
Salt water depths (ft) N/A
Is coal being mined in the area (Y/N)? Y
Coal depths (ft): Poca 3/1138-1143.5
Poca 4/1092-1096

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
13%	30'	30'	7.5 ³
7"	927.2	927.2	510 ³
4½"		901	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.

J. A. Zupanick
For: U.S. Steel Mining Co., Inc
By: Joseph A. Zupanick
Date: January 20, 1997

JAN 31 1997

Operator: USM-12
 API: 47-109-01535-C
 Location: Pineville

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

Poca #3

Open hole frac through packer
 1545 BBLs Fresh Water
 79,000# 20/40 Sand
 Breakdown Pressure 2100#

Poca #4

Open hole frac through Packer
 1669 BBLs Fresh Water
 90,000# 20/40 sand
 Breakdown Pressure 1900#

Well Log & Geologic Record

Formation	Top	Bottom
Sandy Shale	793	865
Sandstone	865	930
Black Shale/Coal	930	938
Sandstone	938	1007
Sandy Shale	1007	1030
Shale	1030	1071
Coal	1071	1072
Shale	1072	1092
Coal (Poca 4)	1092	1096
Shale	1096	1139
Coal (Poca 3)	1139	1143.5
Shale & Sand	1143.5	1183
Sandstone	1183	1260
Sandy Shale	1260	1345

RECEIVED
WV Division of
Environmental Protection

FEB 22 1996

Permitting
Office of Oil & Gas

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

- 1) Date: _____
- 2) Operator's Well Number
USM-12
- 3) API Well No: 47 - 109 - 1535-C
State - County - Permit

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.

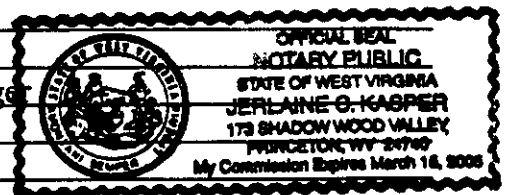
Well Operator U. S. Steel Mining Co., Inc.

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 4th day of January, 1996

Jerlaine O. Kasper Notary Public

My commission expires March 15, 2005

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

- 1) Well Operator: ⁸⁹⁰ U. S. Steel Mining Co., Inc.
- 2) Operator's Well Number USM 12 3) Elevation: 2048.48
- 4) Well Type: (a) Oil / or Gas x /
 (b) If Gas: Production / Underground Storage / CBM x /
 Deep / Shallow
- 5) Proposed Target Formation(s): ⁹⁹⁰ Poca #6 / Poca #4 / Poca #3
- 6) Proposed Total Depth: 1137 feet
) Approximate fresh water strata depths: 200±
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: 998' / Poca 6 / 1068' / Poca 4 / 1137' / 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

Revised casing that is Red film.

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#	930'	930' <i>OK</i>	439
Coal						
Intermediate						
Production	5 1/2"		17#	1132	1132	<i>3000 cu. ft.</i>
Tubing						<i>Suber</i>
Liners						

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 Blanket Agent
 Type