

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

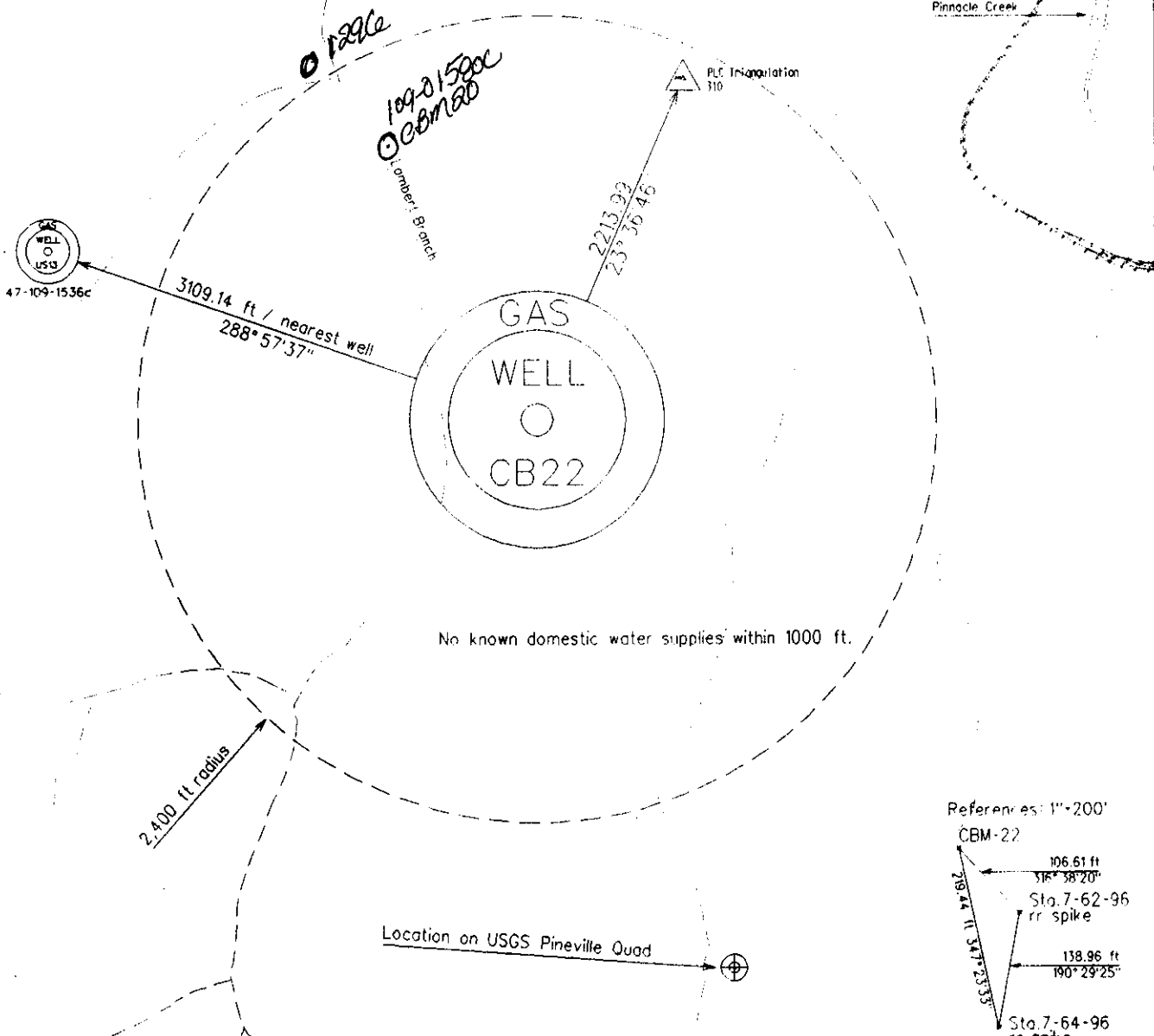
North: 64777.526
East: 9589.477



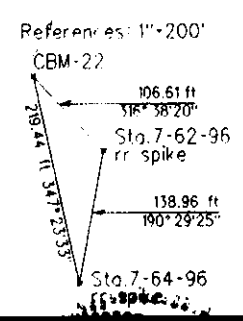
Pocahontas Land Corporation (fee)

*Jamie
9/19/96*

2.70^s
0.97^w



Norfolk Southern
Pinnacle Creek



FILE N:\USM-TD-40\dgn\jd\drill\plats
DRAWING No. CBM-22.dgn
SCALE 1" = 1000'
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) *K. 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: August 8, 1996
Operator's Well No. CBM-22

API Well No. 47-109 01581-C

WELL TYPE: OIL GAS LIQUID INJECTION
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW CBM
 LOCATION: ELEVATION: 1783.10 WATERSHED: Lambert Br./Pinnacle Creek/Guyandotte
 DISTRICT: Center COUNTY: Wyoming
 QUADRANGLE: USGS Pineville WV Quadrangle

SURFACE OWNER Pocahontas Land Corporation ACREAGE 24965
 OIL & GAS ROYALTY OWNER Pocahontas Land Corporation LEASE ACREAGE 24965
 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 CLEANOUT AND REPLUG

TARGET FORMATION Pocahontas No.3 ESTIMATED DEPTH 772.8

WELL OPERATOR U.S. Steel Mining Co., Inc. DESIGNATED AGENT Joseph A Zupanick
 ADDRESS P.O. Box 338 ADDRESS P.O. Box 338
Pineville WV 24874 6-6 251 Pineville WV 24874

SEP 20 1996

COUNT NAME
FEE

RECEIVED
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: CBM-22
Location: Elevation: 1783.10 Quadrangle: USGS Pineville
District: Center County: Wyoming
Latitude: 14,190 Feet South of 37 Deg. 35 Min. 0 Sec.
Longitude: 5,155 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: 09/17/96
Well Work commenced: * 09/10/96
Well Work completed: * 09/13/96
Verbal plugging
Permission granted on:
Rotary x Cable _____ Rig
Total depth (ft) 970'
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 / 786 - 790.5'
Poca 4 / 724 - 727'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
13 3/8	30'	30'	17 ³
8 5/8	525'	525'	183 ³

* Well drilled under WVDEP Permit O-4032-92 & NPDES WV0090042

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.

N/A - Not Stimulated

JAN 31 1997

For: J. A. Zupanick
U.S. Steel Mining Co., Inc

By: Joseph A. Zupanick
Date: January 20, 1997

Operator: CBM-22
API: 47-109-01581-C
Location: Pineville

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

Well Log & Geologic Record

Formation	Top	Bottom
Sandstone	528	633
Shaley Sandstone	633	666
Shale	666	700
	Poca No. 4	
Sandstone	700	758
Shaley Sand	758	786.5
Coal (Poca 3)	786.5	790.5
Sandy Shale	790.5	813
Sandstone	813	838
Shaley Sandstone	838	860
Sandstone	860	906
Sandy Shale	906	970

RECEIVED
WV Division of
Environmental Protection
SEP 06 1995

- 1) Date: _____
- 2) Operator's well number
CBM-22
- 3) API Well No: 47 - 109 - 1581-C
State - County - Permit

Permitting
Office of Oil and Gas
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 _____
- 6) Inspector Ofie Helmick
Address P.O. Box 398
Brenton, WV 24818
Telephone (304) - 732-9135

- 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 _____
- 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 13th day of August
Jerlaine C. Kasper
Public
My commission expires March 15, 2005

