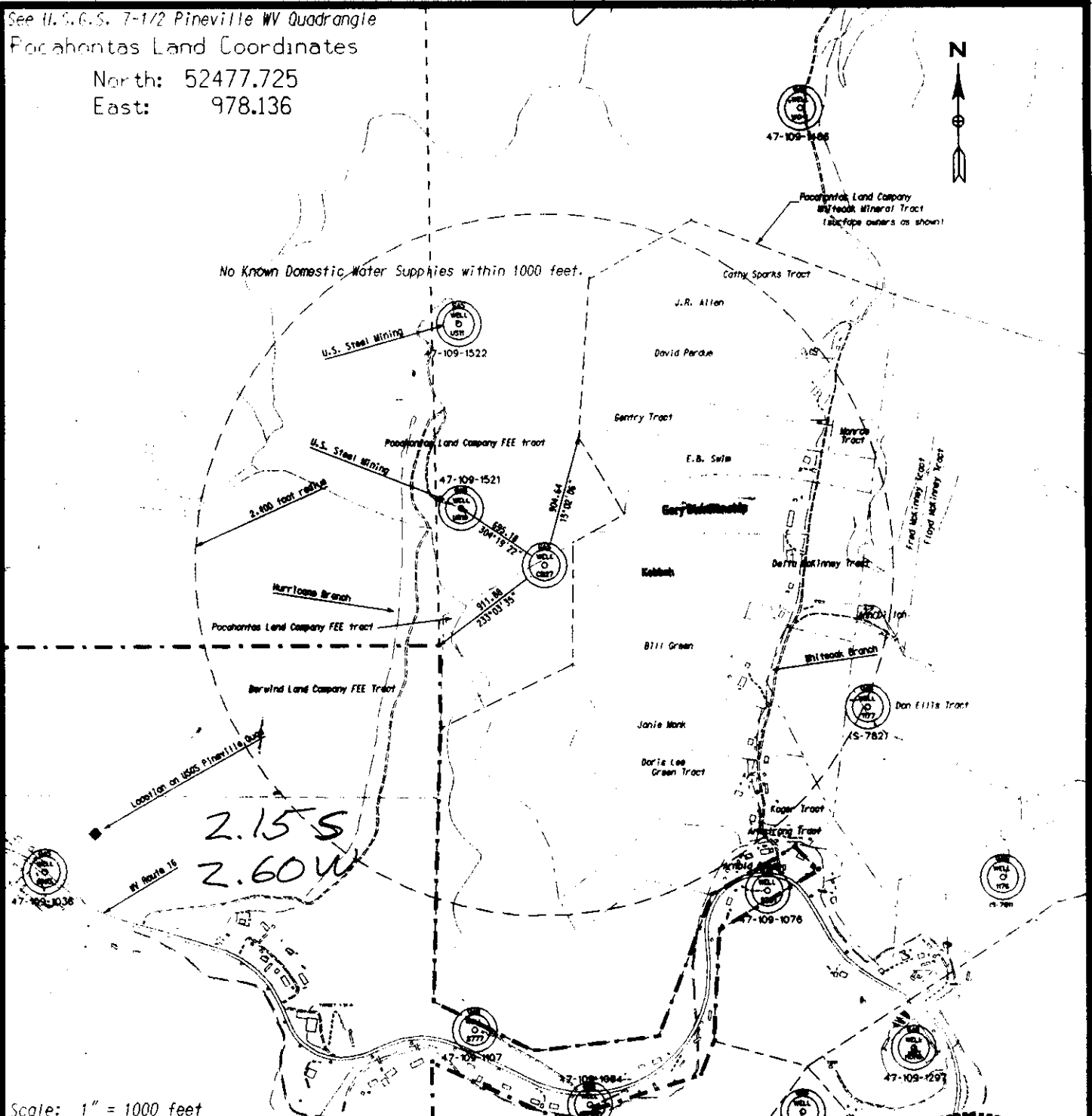


See U.S.G.S. 7-1/2 Pineville WV Quadrangle
Pocahontas Land Coordinates

North: 52477.725
East: 978.136

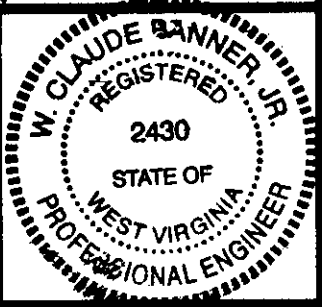
31° 32' 30"

81° 30' 00"



FILE No. \USM-ID-40\dn\jdn\plat_files
DRAWING No. CBM-27.DGN
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:2500
PROVEN SOURCE OF ELEVATION USC&GS BM F-44 el. 1565

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) *W. 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 05, 1997
Operator's Well No. CBM-27

API Well No. 47-109-01676C
State County Permit

WELL TYPE: OIL GAS XX LIQUID INJECTION
(IF "GAS") PRODUCTION XX STORAGE DEEP SHALLOW CBM XX
LOCATION: ELEVATION: 2050.97 WATERSHED: Hurricane Br. of Indian Creek
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 XX 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 1012.9
WELL OPERATOR U.S. Steel Mining Company, LLC DESIGNATED AGENT Joseph A Zupanich
ADDRESS P.O. Box 338 ADDRESS P.O. Box 338
Pineville WV 24874 Pineville WV 24874

OCT 17 1997

6-6

RECEIVED
 DIVISION OF OIL AND GAS
 JAN 21 1999
 WV Division of Environmental Protection

14-Oct-97
 API # 47-109-01676 C

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

Well Operator's Report of Well Work

Farm name: U. S. Steel Mining Company, LLC Operator Well No: CBM -27
 Location: Elevation: 2,050.97 Quadrangle: PINEVILLE
 District: CENTER County: WYOMING
 Latitude: 11316 Feet South of 37 Deg. 32 Min. 30 Sec.
 Longitude: 13695 Feet West of 81 Deg. 30 Min. 0 Sec.
 Company: U.S. STEEL MINING COMPANY LLC
 P.O. Box 338
 Pineville, WV 24874-0338

*Released
 1-19-99*

Agent: JOSEPH ZUPANICK

Inspector: OFIE HELMICK
 Permit Issued: 10/14/97
 Well Work commenced: 04/02/97
 Well Work completed: 04/10/97
 Verbal plugging
 Permission granted on:
 Rotary x Cable _____ Rig
 Total depth (ft) _____
 Fresh water depths (ft) 1026
 Salt water depths (ft) N/A
 Is coal being mined in the area (Y/N)? Y
 Coal depths (ft): 1021.5-1026

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
20"	20'	20'	19
13 3/8"	211'	211'	145
9 5/8"	977'	977'	306
7"		1020'	Well Head

*Borehole drilled under WVDEP Permit O-4017-92 & NPDES WV0090000

OPEN FLOW DATA

Producing formation Pocahontas No. 3 Seam Pay zone depth (ft) 1021.5-1026
 Gas: Initial open flow Vacuum 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 _____ 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.

For: J. A. Zupanick
 U.S. Steel Mining Company, LLC
 By: Joseph A. Zupanick
 Date: _____

WYO 1676C

FIL 10/14/97

Operator: CBM-27
API: 47-109-01676 C
Location: Pineville

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

Well Log & Geologic Record

Formation	Top	Bottom
Sandstone	0	125
Shaley Sand	125	250
Sandy Shale	250	300
Shale	300	397
Shaley Sand	397	460
Sandstone	460	540
Sandy Shale	540	625
Sandstone & Quartz	625	657
Sandy Shale	657	835
	835	991
Coal	898.5	902.5
Coal	950.8	952.3

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: U. S. Steel Mining Company, LLC 50510 (3) 549
2) Operator's Well Number CBM-27 3) Elevation: 2050.97
4) Well Type: (a) Oil ___ / or Gas x ___ / (b) If Gas: Production x ___ / Underground Storage ___ / CBM x ___ / Deep ___ / Shallow ___
5) Proposed Target Formation(s): Pocahontas #3 & Pocahontas #4
6) Proposed Total Depth: 1012.9 feet
7) Approximate fresh water strata depths: 200±
8) Approximate salt water depths: N/A
9) Approximate coal seam depths: Sewell/200 Poca 4 / 943' Poca 3 / 1013'
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

issued 10/14/97
Expires 10/14/99

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OCT 19 1997

Permitting
Office of Oil & Gas

CASING AND TUBING PROGRAM

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in Well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

PACKERS:

For Division of Oil and Gas Use Only

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

9204/32

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Environmental Protection

OCT 1 1997

Permitting
Office of Oil & Gas

- 1) Date: _____
- 2) Operator's well number
CBM-27
- 3) API Well No: 47 - 109 - 1676-C
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

Surface Owner(s) to be served:

(a) Name Pocahontas Land Corporation
Address 800 Princeton Avenue
Bluefield, WV 24701

(b) Name _____
Address _____

(c) Name _____
Address _____

Inspector Ofie Helmick
Address P.O. Box 398
Brenton, WV 24818
Telephone (304) - _____

5) (a) Coal Operator:
Name U. S. Steel Mining Company, LLC
Address Box 338
Pineville, WV 24874

Name Mistic Energy, Inc
Address 107 George St. - Suite A
Beckley, WV 24701

b) Coal Owner(s) with Declaration
Name Pocahontas Land Corporation
Address 800 Princeton Avenue
Bluefield, WV 24701

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
 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 accompanying documents pages 1 through _____ on the above named parties, by:

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

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE

(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator U. S. Steel Mining Company, LLC
By: John L. Schroder, III
Its: John L. Schroder, III - General Manager
Address P.O. Box 338
Pineville, WV 24874
Telephone (304) 732-5293

Subscribed and sworn before me this 30th day of May
Jerlaine C. Kasper
Notary Public

My commission expires 3-15-2005

