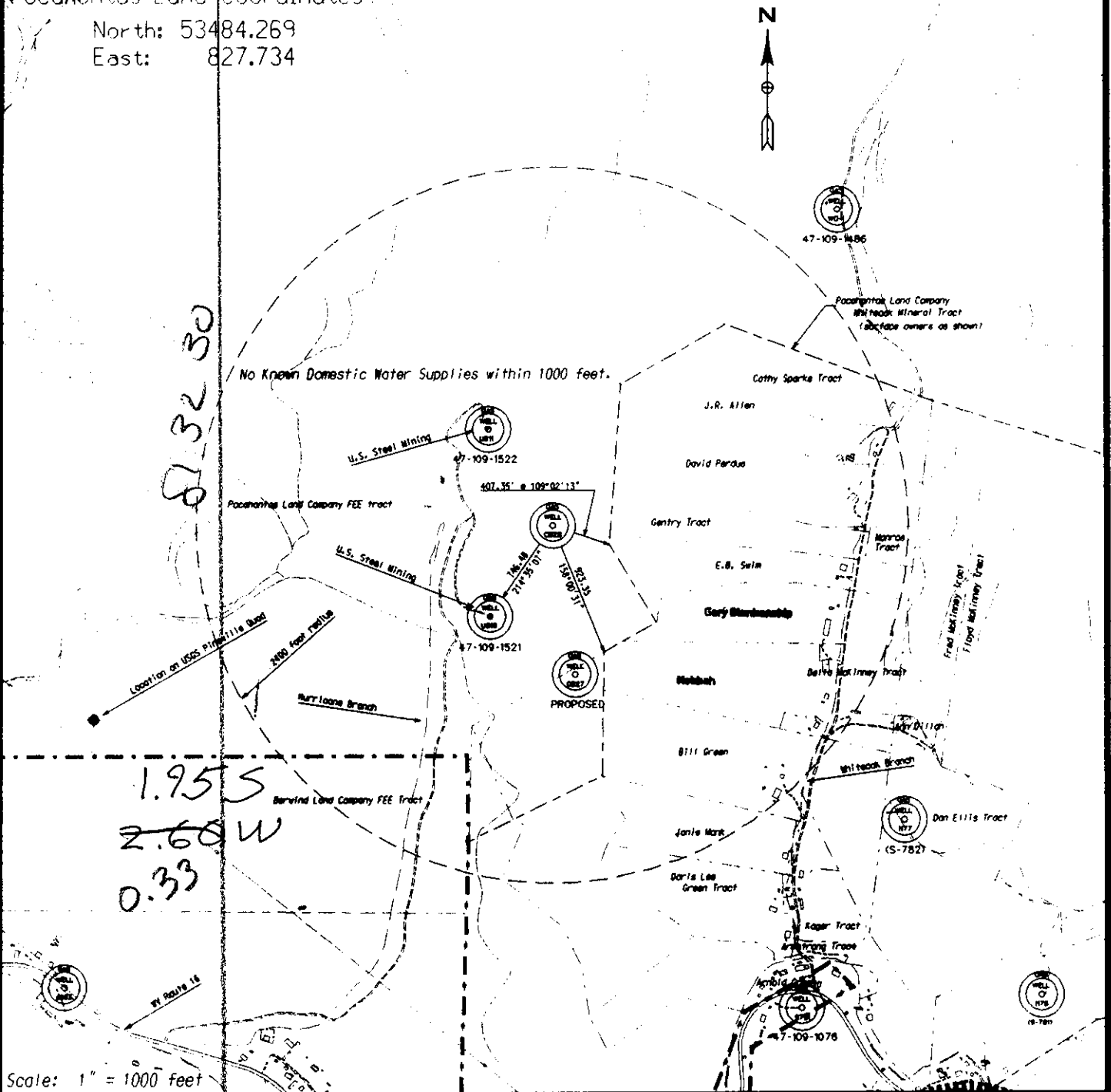


See U.S.G.S. 7-1/2 Pineville WV Quadrangle
 Pocahontas Land Coordinates:

North: 53484.269
 East: 827.734

31° 32' 30"

81° 30' 30"



FILE No. \USM-TD-40\dgn\jd\plat.files
 DRAWING No. CBM-28.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) *Claude Banner*
 R.P.E. 3430 R.P.S.



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

Date: March 10, 1997
 Operator's Well No. CBM-28

API Well No. 47-109-01677C
 State County Permit

WELL TYPE: OIL ___ GAS XX LIQUID INJECTION ___
 (IF "GAS") PRODUCTION XX STORAGE ___ DEEP ___ SHALLOW ___ CBM XX
 LOCATION: ELEVATION: 1950.18 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 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 & No.4 ESTIMATED DEPTH 931.3
 WELL OPERATOR U.S.Steel Mining Company, LLC DESIGNATED AGENT Joseph A Zupanic
 ADDRESS P.O. Box 338 Pineville WV 24874 ADDRESS P.O. Box 338 Pineville WV 24874

OCT 17 1997

COUNTY NAME
 PERMIT

WR-35

14-Oct-97
API # 47-109-01677 C

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

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Office of Oil and Gas
JAN 21 1999
WV Division of
Environmental Protection

Well Operator's Report of Well Work

Farm name: U. S. Steel Mining Company, LLC Operator Well No: CBM - 28
Location: Elevation: 1950.18 Quadrangle: PINEVILLE 549
District: CENTER County: WYOMING
Latitude: 10262 Feet South of 37 Deg. 32 Min. 30 Sec.
Longitude: 13699 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 1-12-99

Agent: JOSEPH ZUPANICK

Inspector: Ofie Helmick
Permit Issued: 10/14/97
Well Work commenced: 04/29/97
Well Work completed: 05/05/97
Verbal plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total depth (ft) 960
Fresh water depths (ft) _____
Salt water depths (ft) N/A
Is coal being mined in the area (Y/N)? Y
Coal depths (ft) 955.5 - 960'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
20"	20'	20'	19
13 3/8"	174.6'	174.6'	121
9 5/8"	900'	900'	281
7"		954'	Well head

OPEN FLOW DATA

Producing formation Poca #3 Pay zone depth (ft) 955.5' - 960'
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 1677C

571 01 1111

Operator: CBM-28
 API: 47-109-01677 C
 Location: Pineville

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

Well Log & Geologic Record

Formation	Top	Bottom
Sandstone	0	175
Sandy Shale	175	200
Shale	200	245
Shaley Sand	245	348
Shale	348	420
Shaley Sand	420	565
Shale	565	605
Sandstone	605	780
Shaley Sand	780	850
Sandstone	850	923
Coal	903	905
Coal	834	836.5

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

Issued 10/14/97
Sy Expans 10/14/99

24451

- 1) Well Operator: U. S. Steel Mining Company, LLC ²²⁷ 80510 (3)
- 2) Operator's Well Number CBM-28 3) Elevation: 1950.18
- 4) Well Type: (a) Oil / or Gas x /
(b) If Gas: Production / Underground Storage / CBM x /
Deep / Shallow
- 5) Proposed Target Formation(s): Pocahontas #3 & Pocahontas #4
- 6) Proposed Total Depth: 931.3 feet
- 7) Approximate fresh water strata depths: 200±
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: Sewell/140' Poca 4 / 862' Poca 4 / 932'
- 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

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Permitting
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	Size	Grade	Weight per ft.	For drilling	Left in Well	CEMENT Fill-up (cu. ft.)
Conductor	16"		55#	30'	30'	18
Fresh Water	9 5/8"	J-55	42#	300'	300'	98
Coal						
Intermediate						
Production	7"	J-55	23#		927	249
Tubing						
Liners						

PACKERS:

For Division of Oil and Gas Use Only

9205/132

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

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WV Division of
Environmental Protection
OCT 1
Permitting
Office

- 1) Date: _____
- 2) Operator's well number
 CBM-28
- 3) API Well No: 47 - 109 - 1677-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) - 732-9135

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

Name Mystic Energy, Inc.
Address 107 George St. Suite A
 Beckley, WV 25801

(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
 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 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)

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, 1997

Jerlaine C. Kasper
Notary Public

My commission expires 3-15-2005

