

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

North: 63370.00  
East: 7998.95



47-109-1537C  
GAS WELL  
US14

47-109-1536C  
GAS WELL  
US13

Location on USGS Pineville Quad

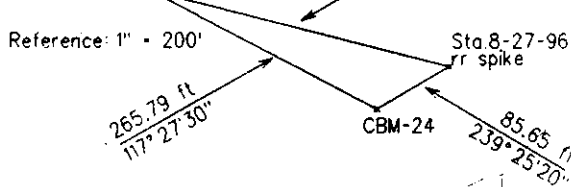
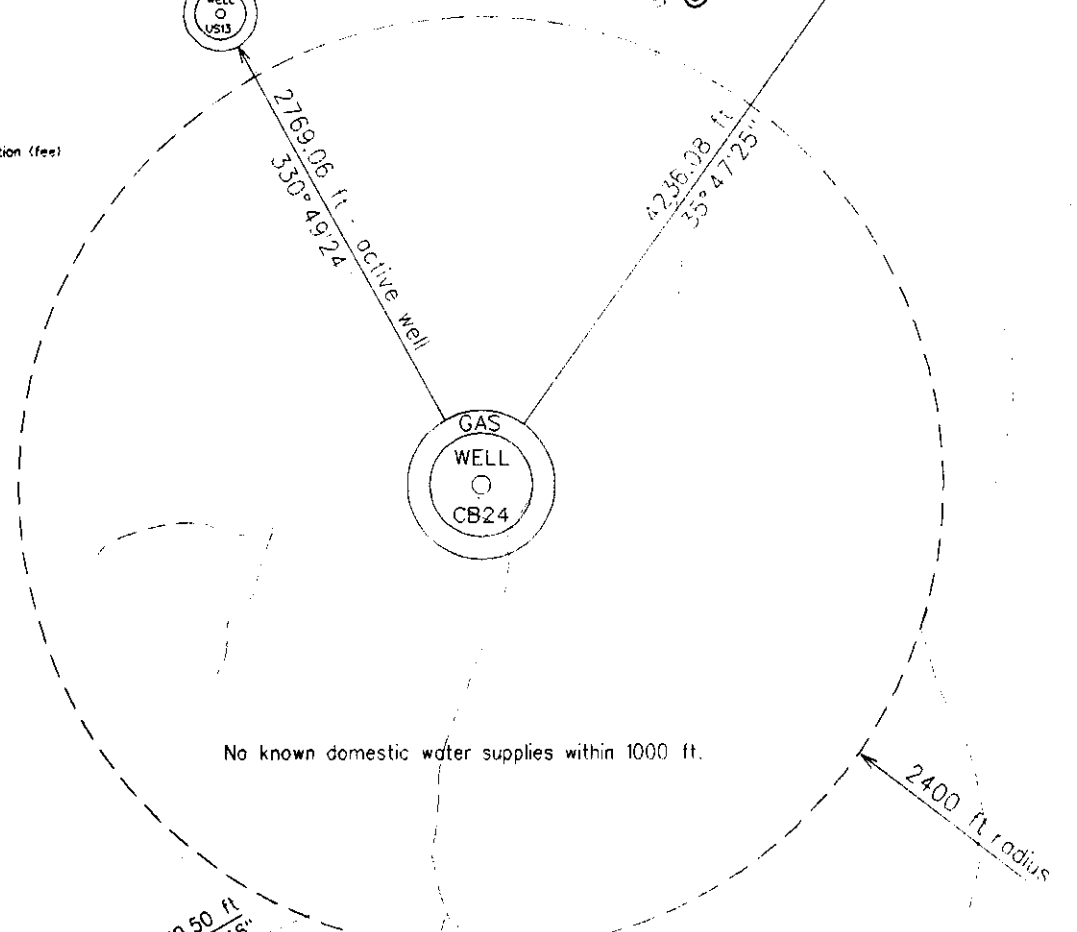
1580C  
Lambert Branch  
1581C

RF Triangulation  
110

0.07 s  
1.28 w

*John Zupnick*  
9/18/96

Pocahontas Land Corporation (fee)

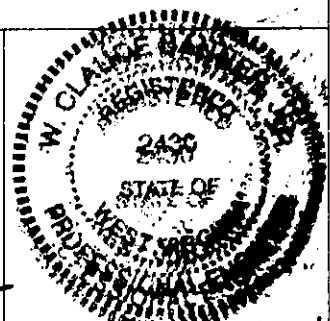


Smith Branch Impoundment

FILE No. USM-TD-40\dgn\jd\drill plats  
DRAWING No. CBM-24.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) *W. Claude Bannister*  
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-24

API Well No. 47-109-01582C

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

State County Permit

LOCATION: ELEVATION: 1662.55 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 655.4

SEP 8 1996

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

ADDRESS P.O. Box 338 ADDRESS P.O. Box 338

Pineville WV 24874

6-6 251 Pineville WV 24874

COUNTY NAME

PERMIT

RECEIVED  
Environmental Protection  
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-24 (9N-H)

Location: Elevation: 1662.55 Quadrangle: USGS Pineville, WV

District: Center County: Wyoming

Latitude: 390 feet South of 37 Deg. 32 Min. 30 Sec.

Longitude: 6,775 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: \*08/29/96

Well Work completed: \*09/04/96

Verbal plugging

Permission granted on:

Rotary x Cable \_\_\_\_\_ Rig

Total depth (ft) 647'

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 / 639 - 643.5

Poca 4 / 579 - 582

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

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
13 3/8"	25'	25'	15 <sup>3</sup>
8 5/8"	607'	607'	212 <sup>3</sup>
5 1/2"		640'	
1"		644'	

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 \_\_\_\_\_

Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ Mcf/d

Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ 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

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

By: Joseph A. Zupanick

Date: January 20, 1997

Operator: CBM-24 (9N-H)  
API: 47-109-01582-C  
Location: Pineville

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

**Well Log & Geologic Record**

<b>Formation</b>	<b>Top</b>	<b>Bottom</b>
<b>Sandy Shale</b>	<b>30</b>	<b>70</b>
<b>Sandstone</b>	<b>70</b>	<b>92</b>
<b>Shaley Sandstone</b>	<b>92</b>	<b>120</b>
<b>Sandstone</b>	<b>120</b>	<b>150</b>
<b>Shale</b>	<b>150</b>	<b>180</b>
<b>Shaley Sandstone</b>	<b>180</b>	<b>390</b>
<b>Hard Sandstone</b>	<b>390</b>	<b>494</b>
<b>Shaley Sandstone</b>	<b>494</b>	<b>583</b>
<b>Sandstone</b>	<b>583</b>	<b>626</b>
<b>Sandy Shale</b>	<b>626</b>	<b>647</b>



RECEIVED  
W. Division of  
Environmental Protection  
SEP 06 1993  
Permitting  
Office of

1) Date: \_\_\_\_\_  
2) Operator's well number  
    CBM-24 (9N-H)  
3) API Well No: 47 - 109 - 1582-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 \_\_\_\_\_  
  
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, 1994

Public Jerlaine C. Kasper  
My commission expires March 15, 2005

