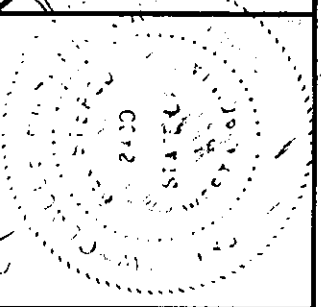


FILE No \USM-TD-40\dgn\jd\plots
DRAWING No. cbm-15.dgn
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1:2500
PROVEN SOURCE OF ELEVATION BM U-196 USC&GS

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 Bannett
R.P.E. 2430 R.P.S.



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

Date: December 20, 19 95

Operator's Well No. USM-15

API Well No. 47-047-1265-c
State County Permit

WELL TYPE: OIL GAS XX LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION XX STORAGE DEEP SHALLOW CBM XX
LOCATION: ELEVATION: 2061.14 WATERSHED: Browns Creek of Tug Fork
DISTRICT: Browns Creek COUNTY: McDowell
QUADRANGLE: USGS Welch WV Quadrangle
SURFACE OWNER Pocahontas Land Corporation ACREAGE 74788
OIL & GAS ROYALTY OWNER Pocahontas Land Corporation LEASE ACREAGE 74788
LEASE NO. 58905

COUNTY NAME

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)

PERMIT

PLUG AND ABANDON CLEANOUT AND REPLUG

TARGET FORMATION Pocahontas No.3 ESTIMATED DEPTH 890.83
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

RECEIVED
Environmental Protection
Commission

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-15 (7JH-1)

Location: Elevation: 2061.14 Quadrangle: USGS Welch

District: Browns Creek County: McDowell
Latitude: 10,535 Feet South of 37 Deg. 35 Min. 0 Sec.
Longitude: 7,825 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: 02/26/96
Well Work commenced: 03/18/96
Well Work completed: 03/21/96
Verbal plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total depth (ft) 857'
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 / 851 - 855
Poca 4 / 790 - 794

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
13%	20'	20'	4.2 ³
8 5/8"	821'	821'	287 ³
5 1/2"		852'	--
1"		853.5	--

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

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

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

JAN 31 1997

Operator: USM-15 (7JH-1)
API: 47-47-01265 C
Location: Welch

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

Well Log & Geologic Record

Formation	Top	Bottom
Sandy Shale	33'	86
Sandstone	86	111
Coal	111	112
Sandstone	112	238
Coal	238	240
Shale	240	283
Sandstone	283	347
Sandy Shale	347	360
Sandstone	360	383
Sandy Shale	383	411
Coal	411	415
Sandstone	415	475
Shale	475	503
Sandstone	503	540
Shale	540	575
Sandstone	575	736
Coal	736	737
Sandstone	737	785
Shale	785	790
Coal (Poca 4)	790	794
Sandy Shale	794	857

FEB 22 1996

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

Issued 02/26/96
Expires 02/26/98

Permitting
Office of Oil and Gas

- 1) Well Operator: U. S. Steel Mining Co., Inc. 50510 (3) 665
- 2) Operator's Well Number USM 15 3) Elevation: 2061.14
- 4) Well Type: (a) Oil _____ / or Gas x _____ /
(b) If Gas: Production _____ / Underground Storage _____ / CBM x _____ /
Deep 996 / Shallow _____ /
- 5) Proposed Target Formation(s): Pocahontas #3 Seam
- 6) Proposed Total Depth: 890.83' feet
- 7) Approximate fresh water strata depths: None
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: Poca 3 Seam - 890.83'
- 10) Does land contain coal seams tributary to active mine? Yes x Poca 3 / No _____ /
- 11) Proposed Well Work: Drill into mine workings to vent methane to the surface
CASING AND TUBING PROGRAM

Production Well

21594

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in Well	Fill-up (cu. ft.)
Conductor	13 3/8"		48	15	15	13
Fresh Water	10 3/4"		45	860	860	184
Coal						
Intermediate						
Production	7"		20		867.5	(See below)
Tubing						
Liners						

PACKERS: Kind _____ Note: 7" production casing is connected to the coal mine methane drainage
Sizes _____ Pipeline at mine level. Production casing (7") is hung from surface
Depths set _____ Annulus between the 7" and 10 3/4" is open and vented to mine atmosphere

For Division of Oil and Gas Use Only

7703

Fee(s) paid: _____ Well Work Permit _____ Reclamation Fund _____ WPCP _____

Plat _____ WW-9 _____ WW-2B _____ Bond _____ Agent _____

Type _____

FEB 22 1996

Permitting
Office of Oil & Gas

- 1) Date: _____
- 2) Operator's Well Number
USM - 15
- 3) API Well No: 47 - D47 - 1265-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 _____
- 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
- 6) Inspector Ofie Helmick
Address P. O. Box 398
Brenton, WV 24818
Telephone (304) - 732-9135

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)

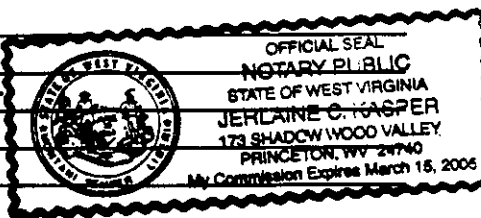
I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

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