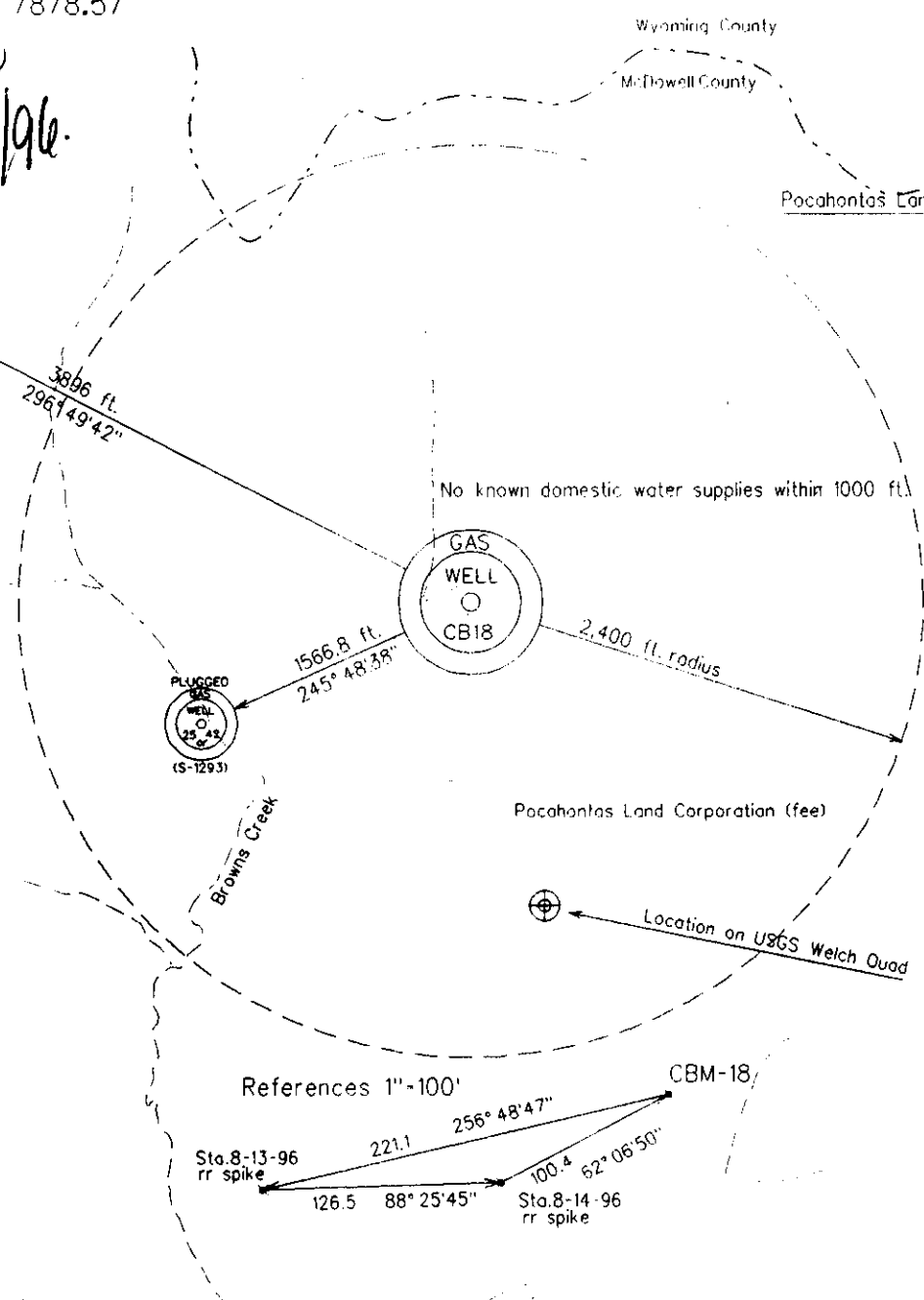
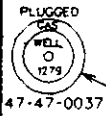


See U.S.G.S. 7-1/2 Welch WV Quadrangle
 Pocahontas Land Coordinates

North: 37718.10
 East: 7878.57

2.075
 1.27w

Janice
 9/17/96.



Scale: 1" = 1000 feet

FILE No. WVSM-TD-40\DGN\DRILL PLATS\CBM-18.DGN
 DRAWING No. CBM-18.DGN
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION USC & GS BM F-44

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 Bennett*
 R.P.E. 2430 R.P.S.



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

Date: August 7, 1996
 Operator's Well No. CBM-18
 API Well No. 47-047-01284C

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

LOCATION: ELEVATION: 1849.12 WATERSHED: Browns Creek off Tug Fork River
 DISTRICT: Browns Creek COUNTY: McDowell
 QUADRANGLE: USGS Welch 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 671.7
 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 Pineville WV 24874

SEP 6 1996

81° 30' 00"
 10350

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-18 (7KH-2)
Location: Elevation: 1849.12 Quadrangle: USGS Welch
District: Browns Creek County: McDowell
Latitude: 10,850 Feet South of 37 Deg. 30 Min. 0 Sec.
Longitude: 6,720 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: 10/07/96
Well Work completed: 10/11/96
Verbal plugging
Permission granted on:
Rotary Cable Rig
Total depth (ft) 675
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 / 669-674'
Poca 4 / 600 - 604'

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
13 3/8	42'	42'	24 ³
9 5/8	611'	611'	162 ³
5 1/2"		670'	--
1"		671'	--

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

JA Zupanick
For U.S. Steel Mining Co., Inc
By: Joseph A. Zupanick
Date: January 20, 1997

Operator: CBM-18 (7KH-2)
API: 47-47-01284-C
Location: Welch

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

Well Log & Geologic Record

Formation	Top	Bottom
Shale	68'	80
Shaley Sandstone	80	153
Shale	153	156
Coal	156	158
Shale	158	162
Sandstone	162	180
Shale	180	196
Sandstone	196	263
Shale	263	265
Coal	265	266
Sandstone	266	299
Sandy Shale	299	393
Sandstone	393	499
Shale	499	503
Coal	503	505
Sandy Shale	505	515
Sandstone	515	600
Coal (Poca 4)	600	604
Sandy Shale	604	625
Sandstone	625	675

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

Issued 09/17/96
Expires 09/17/98

- 1) Well Operator: U. S. Steel Mining Co., Inc. ⁸⁹⁰ 50510 (3) 665
- 2) Operator's Well Number CBM 18 (7KH) 3) Elevation: 1849.12
- 4) Well Type: (a) Oil / or Gas x /
(b) If Gas: Production / Underground Storage / CBM x /
Deep 990 / Shallow x /
- 5) Proposed Target Formation(s): Poca hontas #3 Seam
- 6) Proposed Total Depth: 671.7 feet
- 7) Approximate fresh water strata depths: 200 +/-
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: Poca 3 Seam 671.7
- 10) Does land contain coal seams tributary to active mine? Yes x Poca 3 / No /
- 11) Proposed Well Work: Drill into mine working to remove methane

RECEIVED
WV Division of
Environmental Protection
SEP 26 1996
Permitting
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SIZE	SPECIFICATIONS	WEIGHT	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	8 3/4"	J-55	36	650'	650'	268
Coal						
Intermediate						
Production	5 1/2"	J-55	14		660'	(See below)
Tubing						
Liners						

conversion to production

PACKERS: Note: 5 1/2 " production casing is connected to the underground coal mine methane drainage pipeline at mine level. Production casing is hung from surface. Annulus between the 5 1/2" and 8 3/4" is open and vented to mine atmosphere.

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

22554

RECEIVED
WV Division of
Environmental Protection
SEP 06 1996

- 1) Date: _____
- 2) Operator's well number
 CBM-18 (7KH)
- 3) API Well No: 47 - 47 - 1284-C
 State - County - Permit

Permitting
Office of Oil & 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, 1996

Public Jerlaine C. Kasper

My commission expires March 15, 2005

