

Pocahontas Land Corporation
 HDH-7 N - 42,736.99
 E - 12,730.42

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. USM/HDH
 DRAWING NO. HDH-7
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1:2400
 PROVEN SOURCE OF ELEVATION USGS

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) [Signature]
 R.P.E. 2430 L.L.S. _____

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 OIL AND GAS DIVISION



DATE November 18, 1992
 OPERATOR'S WELL NO. HDH-7
 API WELL NO. _____
47 - 109 - 1298C
 STATE COUNTY PERMIT

(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1675.55 WATER SHED Indian Creek
 DISTRICT Center 3 COUNTY Wyoming
 QUADRANGLE Welch 7.5' Series NE
 SURFACE OWNER Pocahontas Land Corp. ACREAGE _____
 OIL & GAS ROYALTY OWNER Pocahontas Land Corp. LEASE ACREAGE _____
 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 ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Poca. No. 3 Seam ESTIMATED DEPTH 438.6'
 WELL OPERATOR U.S. Steel Mining Co. DESIGNATED AGENT L. J. Simpkins
 ADDRESS Box 338 Pineville, WV 24874 ADDRESS Box 338 Pineville, WV 24874

897

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

Well Operator's Report of Well Work

Farm name: POCAHONTAS LAND CORP. Operator Well No.: HDH-7

Location: Elevation: 1,675.55 Quadrangle: Welch
District: CENTER County: WYOMING
Latitude: 5,880 Feet South of 37 Deg. 30 Min. 00 Sec.
Longitude: 1,950 Feet West of 81 Deg. 30 Min. 00 Sec.

Company: U.S. STEEL MINING CO.
P.O. Box 338
Pineville, WV
24874-0338

Agent: J. A. Zupanick

Inspector: Offie Helmick
Permit Issued: 12/11/92
Well work commenced: (see note below)
Well work completed:
Verbal plugging
permission granted on:
Rotary Cable Rig
Total depth (ft) 449
Fresh water depths (ft)
Salt water depths (ft)
Is coal being mined in the area (Y/N)? Y
Coal depths (ft): 363-366, 445-449

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
8-5/8"		438'	154 ft ³

OPEN FLOW DATA

Producing formation Pocahontas No. 3 Seam Pay zone depth (ft) 449
Gas: Initial open flow n/a 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

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 SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Note: This well is permitted as a CBM vent well. The casing is incorporated within the concrete wall of an 18 ft. diameter coal mine ventilation shaft. The shaft was constructed under DEP Permit No. U-204-83 (NPDES Permit No. WV0090000) prior to the issuance of this permit.

For: J.A. Zupanick
U.S. Steel Mining Co., Inc.
By: Joseph A. Zupanick, P.E.
Date: February 13, 1995

Operator: HDH-7
API: 47-109-1298
Location: IC Shaft

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

CBM vent hole located at Indian Creek Shaft. No stimulation performed.

Well Log & Geologic Record

Formation	Top	Bottom
Unconsolidated	0	21
Sand & Shale	21	42
Shale	42	61
Sand	61	94
Sand & Shale	94	170
Sand	170	260
Sand & Shale	260	268
Sand	268	296
Sand & Shale	296	363
Coal	363	366
Sand & Shale	366	445
Coal	445	449

RECEIVED

WV Division of Environmental Protection
FORM WW-2B

NOV 25 1992

Permitting
State of West Virginia

109-1298

Issued 12/11/92

Page 3 of 6

Expires 12/11/94

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

890

- 1) Well Operator: U. S. Steel Mining Co., Inc. 50510 (3) 644
- 2) Operator's Well Number: HDH-7 3) Elevation: 1675.55
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Underground Storage
 Deep ~~Shallow~~ 098
- 5) Proposed Target Formation(s): Pocahontas No. 3 Seam
- 6) Proposed Total Depth: 438.6 feet
- 7) Approximate fresh water strata depths: None
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: Poca. No. 3 Seam - 438.6 (Est. Bottom El. 1237)
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: Existing Borehole Access (to an underground mine area) which will be used to transport gas collected from seam to surface for commercialization.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water						
Coal						
Intermediate						
Production	8" Steel Casing				438.6	154
Tubing						
Liners						

Existing

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

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

Plat WW-9 WW-2B Road Blanket Other

11/13/92

RECEIVED
WV Department of Energy
Environmental Protection
NOV 25 1992
Permitting
Office of Oil & Gas

- 1) Date: November 18, 1992
- 2) Operator's well number
HDH-7
- 3) API Well No: 47 - 109 - 1298
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 Corp.
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 Corp.
Address 800 Princeton Avenue
Bluefield, WV 24701
 - Name _____
Address _____

- 6) Inspector Rodney Dillon
Address P.O. Box 1526
Sophia, WV 25921
Telephone (304)- 683-3989

- (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)

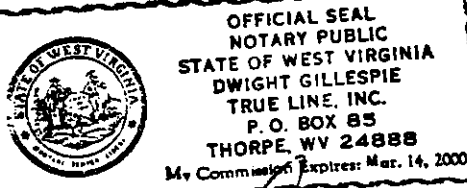
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 6 on the above named parties, by:

- 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 attachments, and that based on my inquiry of those individuals immediately 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 H. S. Steel Mining Co., Inc.
By: [Signature]
Its: John L. Schroder, III - General Manager
Address Box 338
Pineville, WV 24874
Telephone (304) 732-5249

Subscribed and sworn before me this 24 day of November, 1992

[Signature]
My commission expires March 14, 2000 Notary Public