

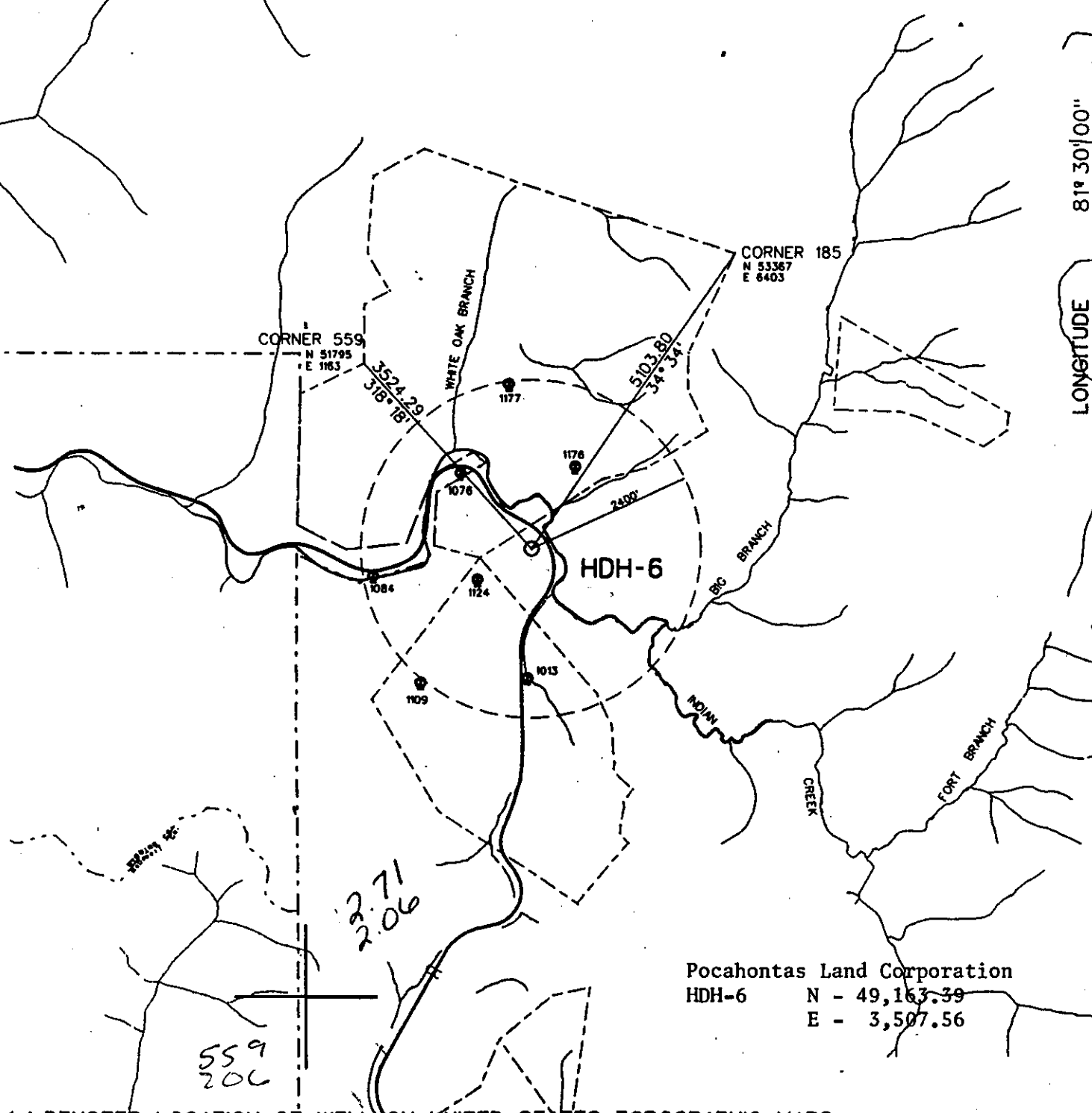
11,180'

LATITUDE 37° 32' 30"

LONGITUDE 81° 30' 00"

14,590'

NORTH



Pocahontas Land Corporation
 HDH-6 N - 49,163.39
 E - 3,507.56

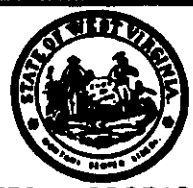
(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. USM/HDH
 DRAWING NO. HDH-6
 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) *H. Claude Bennett*
 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-6
 API WELL NO. _____
47 - 109 - 12970
 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 1620.0 WATER SHED Indian Creek
 DISTRICT Center COUNTY Wyoming
 QUADRANGLE Pineville 415 SE
 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 495' 8-0 251
 WELL OPERATOR U.S. Steel Mining Co. DESIGNATED AGENT L. J. Simpkins
 ADDRESS Box 338 Pineville, WV 24874 ADDRESS Box 338 Pineville, WV 24874
890

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-6
Location: Elevation: 1,620.0 Quadrangle: Pineville
District: CENTER County: WYOMING
Latitude: 14,590 Feet South of 37 Deg. 32 Min. 30 Sec.
Longitude: 11,180 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) 495
Fresh water depths (ft)
Salt water depths (ft)
Is coal being mined in the area (Y/N)? Y
Coal depths (ft): 333-334, 350-353, 417-418, 490-495

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up
8-5/8"		495'	172 ft ³

OPEN FLOW DATA

Producing formation Pocahontas No. 3 Seam Pay zone depth (ft) 495
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 a 18 ft. diameter coal mine ventilation shaft. The shaft was constructed under DEP Permit No. U-204-83 (NPDES WV0090000) prior to the issuance of this permit.

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

Operator: HDH-6
API: 47-109-1297
Location: 8-HLG

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

CBM vent hole located at 8-Hlg Intake Air Shaft. No stimulation performed.

Well Log & Geologic Record

Formation	Top	Bottom
Sand	0	123
Shale	123	186
Sand	186	215
Quartz	215	298
Sand	298	333
Coal	333	334
Shale	334	350
Coal	350	353
Sand	353	417
Coal	417	418
Sand & Shale	418	431
Shale	431	490
Coal	490	495

RECEIVED
 FORM WV Division of
 Environmental Protection

NOV 25 92

Permitting
 Office of Oil & Gas

109-1297
 Issued 12/11/92
 Expires 12/11/94

Page 3 of 6

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

- 1) Well Operator: 890 U. S. Steel Mining Co., Inc. 50510 (31 548)
- 2) Operator's Well Number: HDH-6 3) Elevation: 1620.0
- 4) Well type: (a) Oil or Gas
 (b) If Gas: Production Underground Storage
 Deep Shallow
- 5) Proposed Target Formation(s): 998 Pocahontas No. 3 Seam
- 6) Proposed Total Depth: 495.0 feet
- 7) Approximate fresh water strata depths: None
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: Poca. No. 3 Seam - 495.0 (Est. Bottom El. 1125)
- 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
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water						
Coal						
Intermediate						
Production	8" Steel Casing				495.0	172
Tubing				<i>Existing</i>		
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

5193/34

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

REC-11
ENVIRONMENTAL
NOV 25 92
Permitting
Office of Oil & Gas

- 1) Date: November 18, 1992
- 2) Operator's well number
HDH-6
- 3) API Well No: 47 - 109 - 1297
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
 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:

- 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.



OFFICIAL SEAL
 NOTARY PUBLIC
 STATE OF WEST VIRGINIA
 DWIGHT GILLESPIE
 TRUE LINE, INC.
 P.O. BOX 85
 THORPE, WV 24888
 My Commission Expires: Mar. 14, 2000

Well Operator U. 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, 19 92

My commission expires March 14, 2000 Notary Public