

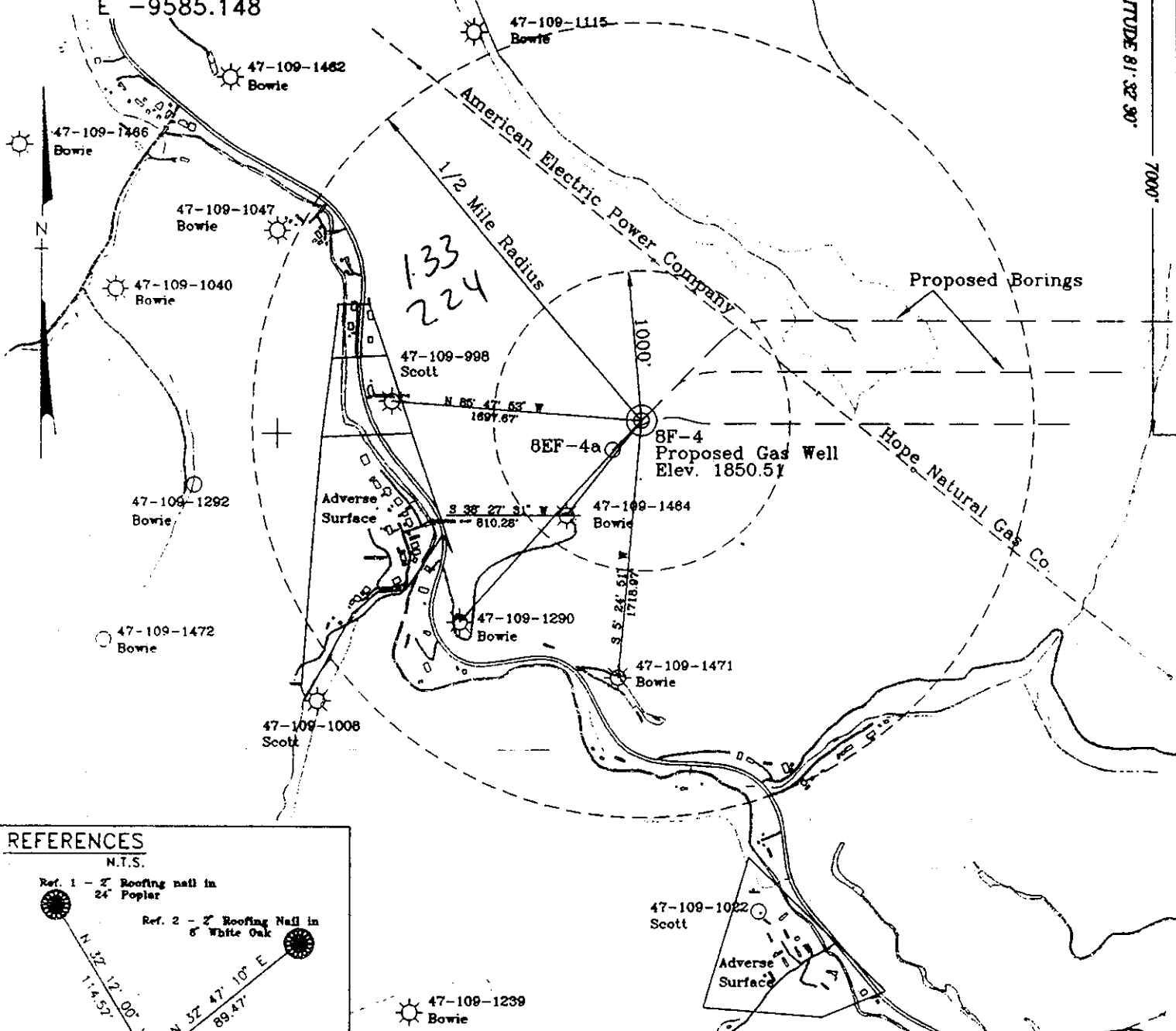
POCAHONTAS LAND COORDINATES

12,150'

LATITUDE 37° 32' 30"

LONGITUDE 81° 32' 30"

N 56,663.265  
E -9585.148



**REFERENCES**  
N.T.S.

Ref. 1 - 2" Roofing nail in 24" Poplar  
Ref. 2 - 2" Roofing Nail in 6" White Oak

PROPOSED CBM WELL 8F-4

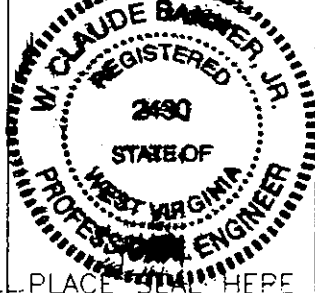
N 32° 12' 00" W 114.52'  
N 32° 47' 10" E 89.47'

Note: No known domestic water supplies within 100 feet.  
(+) Denotes location of well on USGS map.

FILE No. CDX  
DRAWING NAME PLAT 8F-4  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1 : 2500  
PROVEN SOURCE OF ELEVATION USGS B.M. F44  
EL. 1565

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 Banner, Jr.  
R.P.E. \_\_\_\_\_ R.P.S. \_\_\_\_\_



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

DATE APRIL 11 19 98  
OPERATOR'S WELL No. 8F-4  
API WELL No. 47 - 109 - 01722 C  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1850.51 WATER SHED UNNAMED TRIBUTARY OF INDIAN CREEK  
DISTRICT CENTER COUNTY WYOMING  
QUADRANGLE PINEVILLE, WV - VA

SURFACE OWNER U.S. STEEL MINING COMPANY, LLC ACREAGE 37977.66  
CBM ROYALTY OWNER U.S. STEEL MINING COMPANY, LLC LEASE ACREAGE \_\_\_\_\_  
LEASE No. \_\_\_\_\_

PROPOSED WORK: DRILL X 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 POCAHONTAS NO. 3 ESTIMATED DEPTH 1097.51 **MAY 18 1998**  
WELL OPERATOR U.S. Steel Mining Company, LLC DESIGNATED AGENT DAVE TRADER  
ADDRESS P.O. Box 338 ADDRESS P.O. Box 338  
Pineville, WV 24874 Pineville, WV 24874 66

NYO 1722 C

WR-35

15-May-98  
API # 47-109-01722 C

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

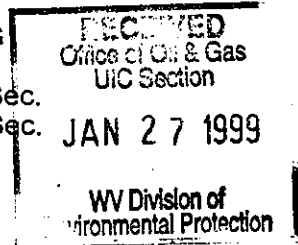
Well Operator's Report of Well Work

Farm name: U.S. Steel Mining Company, LLC Operator Well No: 8F-4

Location: Elevation: 1,350.30 Quadrangle: PINEVILLE

District: CENTER County: WYOMING

Latitude: 7000 Feet South of 37 Deg. 32 Min. 30 Sec.  
Longitude: 12150 Feet West of 81 Deg. 32 Min. 30 Sec.



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

Agent: Dave Trader

Inspector: OFIE HELMICK  
Permit Issued: 05/15/98  
Well Work commenced: 08/12/98  
Well Work completed: 08/17/98  
Verbal plugging  
Permission granted on:  
Rotary  Cable \_\_\_\_\_ Rig  
Total depth (ft) 1131.30  
Fresh water depths (ft) N/A  
Salt water depths (ft) N/A  
Is coal being mined in the area (Y/N)? Y  
Coal depths (ft): 1095-1100 Poca No. 3 seam

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up
13 5/8"	20'	20'	12 ft <sup>3</sup>
9 5/8"	910'	910'	285 ft <sup>3</sup>
7"	1045'	1045'	158 ft <sup>3</sup>
2 7/8"	1095'	1095'	

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 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

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.

For: Dave Trader  
U.S. Steel Mining Company, LLC

By: \_\_\_\_\_

Date: 12/15/98

WYO 1722 C

Operator: 8F-4  
API No. 47-109-01722 C  
Location: Pineville

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

Well Log & Geologic Record

Formation	Top	Bottom
Sandy shale	0	131
Shale	131	157
Sandy shale	157	309
Shale	309	314
Sandy shale	314	331
Coal	331	334
Sandy shale	334	541
Shale	541	550
Sandy shale	550	580
Shale	580	590
Sandy shale	590	733
Shale	733	742
Sandy shale	742	775
Sandstone	775	864
Sandy shale	864	870
Sandstone	870	920
Sandy shale	930	960
Sandstone	960	974
Sandy shale	974	1008
Sandstone	1008	1032
Coal	1032	1038
Sandy shale	1038	1095
Coal	1095	1100
Sandy shale	1100	1131.30

**AFFIDAVIT OF PLUGGING AND FILLING WELL**

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm Name: U. S. Steel Mining Company, LLC Operator Well No.: 8F-4

LOCATION: Elevation: 1,850.30 Quadrangle: PINEVILLE  
District: CENTER County: WYOMING  
Latitude: 7000 Feet South of 37 Deg. 32 Min. 30 Sec.  
Longitude 12150 Feet West of 81 Deg. 32 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS x

Company: U. S. Steel Mining Company, LLC Coal Operator U. S. Steel Mining Company, LLC  
P.O. Box 338 or Owner P.O. Box 338  
Pineville, WV 24874 Pineville, WV 24874

Agent Dave Trader Coal Operator  
or owner \_\_\_\_\_

Permit Issued: 6/13/00

**AFFIDAVIT**

STATE OF WEST VIRGINIA,  
County of Wyoming

Dave Trader and Malcolm Ashley being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Ofie Helmick, Oil and Gas Inspector representing the Director, say that said work was commenced on the 11th day of August, 2000, and that the well was plugged and filled in the following manner:

Horizontal		Vertical	
Casing Left	13 <sup>3</sup> / <sub>8</sub> " - 20' 7" - 1000' 2 <sup>7</sup> / <sub>8</sub> " - 364' with packer - cemented in casing	Casing Left	13 <sup>3</sup> / <sub>8</sub> " - 20' 9 <sup>5</sup> / <sub>8</sub> " - 910' 7" - 1045'
Surface through Horizontal Legs	Extended Cement	2 <sup>7</sup> / <sub>8</sub> " Tubing Removed 8 <sup>3</sup> / <sub>4</sub> " C.I. Plug set @ 1068'	

Description of monument: 8" flanged Wellhead and that the work of plugging and filling said well was completed on the 18th day of September, 2000.

And further deponents saith not. Dave Trader Malcolm Ashley

Sworn and subscribe before me this 22nd day of September 2000  
Jerlaine C. Kasper  
Notary Public

Oil and Gas Inspector: Ofie Helmick 9.29.00

OCT 27 2000

WYO 1722 CP

OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
JERLAINE C. KASPER  
P. O. BOX 202  
THORPE, WV 24888  
My Commission Expires March 16, 2008

