

**POCAHONTAS LAND COORDINATES**

LATITUDE 37° 30' 00"

650'

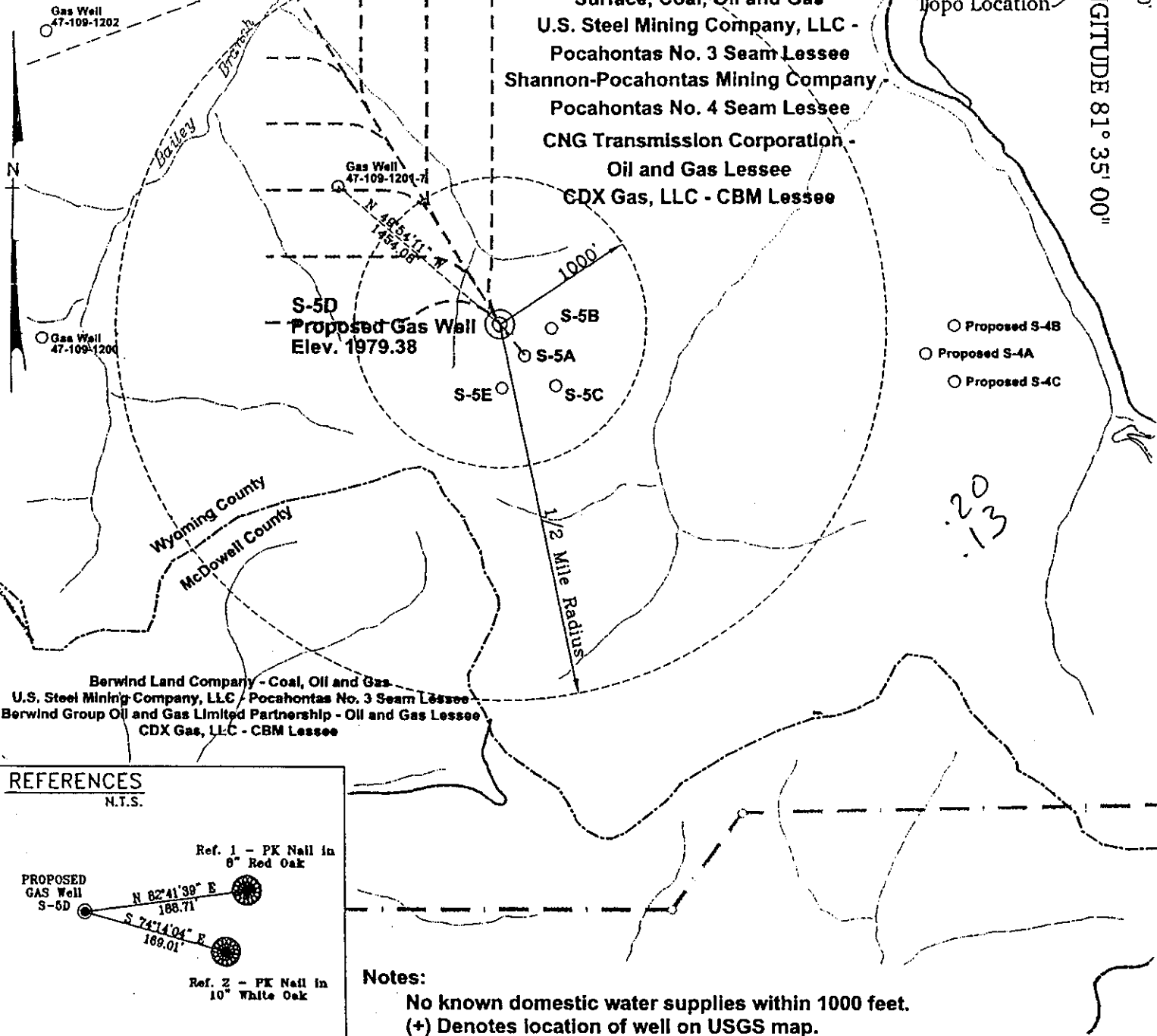
LONGITUDE 81° 35' 00"

1050'

N 47,509.90  
E -10,094.78

Berwind Land Company -  
Surface, Coal, Oil and Gas  
U.S. Steel Mining Company, LLC -  
Pocahontas No. 3 Seam Lessee  
Shannon-Pocahontas Mining Company -  
Pocahontas No. 4 Seam Lessee  
CNG Transmission Corporation -  
Oil and Gas Lessee  
CDX Gas, LLC - CBM Lessee

Topo Location



S-5D  
Proposed Gas Well  
Elev. 1979.38

1000'

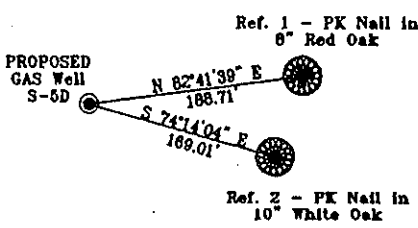
1/2 Mile Radius

- Proposed S-4B
- Proposed S-4A
- Proposed S-4C

20  
13

Berwind Land Company - Coal, Oil and Gas  
U.S. Steel Mining Company, LLC - Pocahontas No. 3 Seam Lessee  
Berwind Group Oil and Gas Limited Partnership - Oil and Gas Lessee  
CDX Gas, LLC - CBM Lessee

**REFERENCES**  
N.T.S.



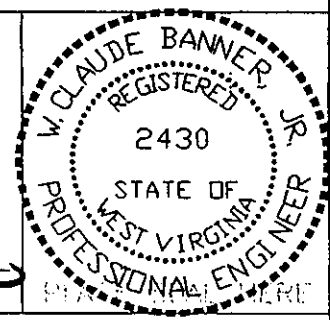
**Notes:**

No known domestic water supplies within 1000 feet.  
(+) Denotes location of well on USGS map.

FILE No. CDXGAS  
DRAWING NAME \PLAT\S-5D  
Drawing Number CDX\_000310b/LL  
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. 2430 R.P.S.



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

DATE MARCH 13, 2000

OPERATOR'S WELL No. S-5D

API WELL No.

47 - 109 - 01896C

STATE COUNTY PERMIT

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

Horizontal well

LOCATION: ELEVATION 1979.38 WATER SHED UNNAMED TRIBUTARY OF BAILEY BRANCH OF INDIAN CREEK

DISTRICT CENTER COUNTY WYOMING

QUADRANGLE WELCH, WV

SURFACE OWNER BERWIND LAND COMPANY

ACREAGE 1045.06 Tax Map 143 - Parcel P/O 142-1

CBM ROYALTY OWNER BERWIND LAND COMPANY

LEASE ACREAGE 2940.66

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 & NO. 4 SEAMS ESTIMATED DEPTH 1208'

WELL OPERATOR CDX GAS, LLC

MANAGER JOSEPH ZUPANICK

ADDRESS P.O. BOX 609  
PINEVILLE, WV 24874

ADDRESS P.O. BOX 609  
PINEVILLE, WV 24874

6-6 0

APR 1 2000  
APR 1 2000

WYO 1896C



Operator: S-5D  
API No. 47- 109-01896 C  
Location: Wyoming County

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

Horizontally drilled Poca #3 coal seam

Well Log & Geologic Record - Depths from K.B.

| Formation      | Top  | Bottom |
|----------------|------|--------|
| Sand           | 0    | 94     |
| Sand / Shale   | 94   | 211    |
| Sand           | 211  | 238    |
| Sand / Shale   | 238  | 312    |
| Sand           | 312  | 379    |
| Sand / Shale   | 379  | 420    |
| Sand           | 420  | 688    |
| Sand / Shale   | 688  | 718    |
| Sand           | 718  | 746    |
| Sand / Shale   | 746  | 945    |
| Sand           | 945  | 1117   |
| Shale          | 1117 | 1246   |
| Coal - Poca #3 | 1246 | 1251   |
| Sand / Shale   | 1251 | 1270   |
| Total Depth    | 1270 |        |
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RECEIVED  
Office of Oil & Gas  
Permitting  
JUN 11 2001  
WV Division of  
Environmental Protection