

2475'

LATITUDE 37°32'30"

Janice
12/11/91

POCA. LAND CORP.
NEW RIVER COOR.:
N. 53,731.63'
W. 12,009.72'

WB-46
(PLC NO. 8)

1008(25)
1213'
☀

2400' WB-46

WB-48
1393'
WB-47
1197'

1204(16)
1958'
☀

N53°25'E
3051.94'

1830.83'
S06°27'W

POCA. LAND CORP. (FEE)
24,965 AC.

LONGITUDE 81°35'00"

0666

2644.64'

3" REDBUD
1196Y

WEST 2244.75'

14" POPLAR
PAINTED ON LINE

EAST

POCA. LAND CORP. (SUR.)
BERWIND LAND CO. (MIN.)
209.57 AC.

WELL REFERENCES:
S39°W, 148' TO 12" POPLAR
S77°30'E, 105' TO 8" BIRCH

477
046

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

BAILEY BR.

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1 in 2500
PROVEN SOURCE OF
ELEVATION TOP OF KNOB 1350' S.W.
OF LOCATION ELEV. 2052'

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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT OF ENERGY.
(SIGNED) _____
R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE SEPTEMBER 20 1991
OPERATOR'S WELL NO. WB-46
API WELL NO. PLC NO. 8
47 - 109 - 1238
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 1547' WATERSHED INDIAN CREEK
DISTRICT CENTER 3 COUNTY WYOMING
QUADRANGLE PINEVILLE 7.5 min. SC

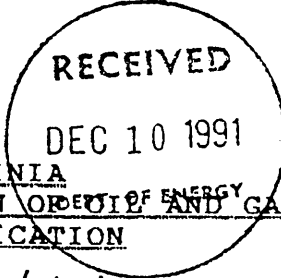
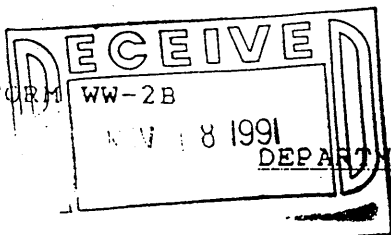
SURFACE OWNER POCAHONTAS LAND CORP. ACREAGE 24,965
OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORP. LEASE ACREAGE 10,050.85
LEASE NO. _____

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 MAXTON ESTIMATED DEPTH 2400'
WELL OPERATOR BOWIE, INC. DESIGNATED AGENT WILLIAM BOWIE
ADDRESS P.O. BOX 1430 ADDRESS P.O. BOX 1430
CLARKSBURG, WV 26302-1430 CLARKSBURG, WV 26302-1430

COUNTY NAME

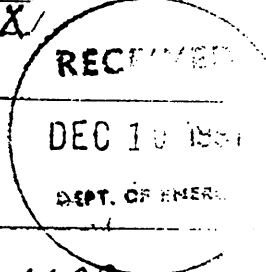
PERMIT



109-1238
Issued 12/13/91
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Expires 12/13/93

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

- 1) Well Operator: BOWIE, INC 6610 (3) 548
- 2) Operator's Well Number: WB 46 PLC# 8 3) Elevation: 1560
- 4) Well type: (a) Oil or Gas
(b) If Gas: Production Underground Storage
Deep Shallow
- 5) Proposed Target Formation(s): MAXON 325
- 6) Proposed Total Depth: 2400 feet
- 7) Approximate fresh water strata depths: 100
- 8) Approximate salt water depths: NA LU40-1008
- 9) Approximate coal seam depths: 434 - 502 789
- 10) Does land contain coal seams tributary to active mine? Yes No
- 11) Proposed Well Work: New Well
- 12)



CASING AND TUBING PROGRAM

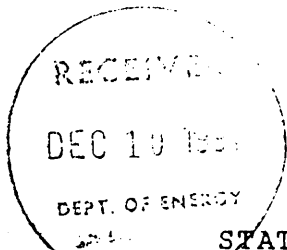
TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	11	API New	40	30	30	38CSR 18-11-3
Fresh Water		Good Pellow				38CSR 18-11-3
Coal	7			900'	900'	Cmt. to surface
Intermediate	7	API New	20	260	260	38CSR 18-11-3
Production	4 1/2	API New	10.5	2400	2400	38CSR 18-11-3
Tubing						
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

2329
2330

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket 250k Agent
 (Type)



1) Date: SEP 21 1991
2) Operator's well number WB46 PLC # 8
3) API Well No: 47 - 109 - 1238
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 Box 1517
Bluefield, WV. 24701
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Rodney Dillon
Address P.O. Box 1526
Sophia, WV. 25921
Telephone (304)-683 3988

5) (a) Coal Operator:
Name U.S. Steel Mining Co.
Address P.O. Box 430
Gary, WV. 24836
(b) Coal Owner(s) with Declaration
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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:

- _____ 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 BELVIE INC
By: [Signature]
Its: [Signature]
Address P.O. Box 1430
Clarksburg, WV. 26301
Telephone 304 622 8896

Subscribed and sworn before me this 23rd day of September, 1991

[Signature] Notary Public
My commission expires 09/21/98