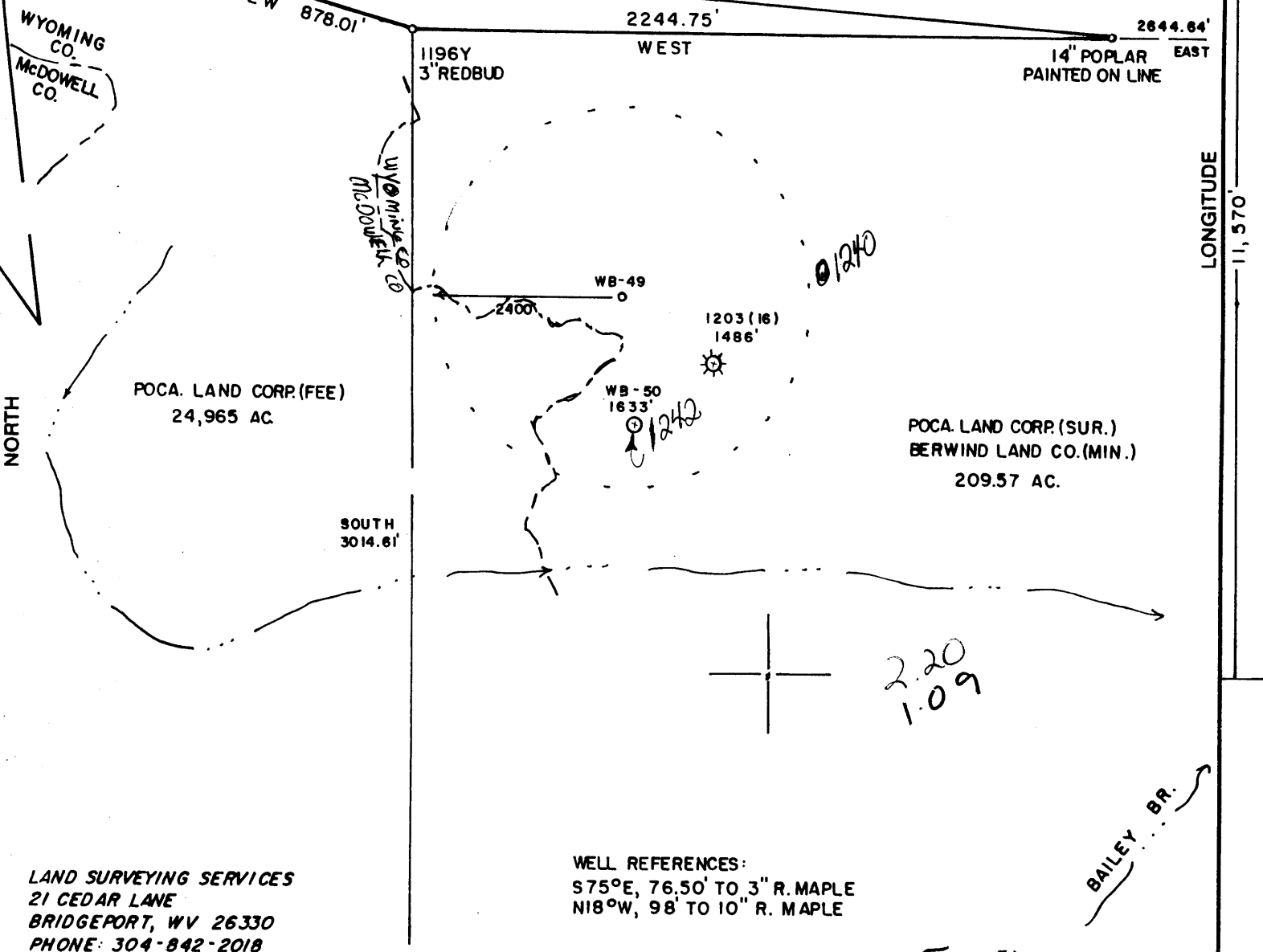


*Janie*  
12/10/91

5840'  
LATITUDE 37° 32' 30"

POCA. LAND CORP.  
NEW RIVER COOR. :  
N. 52,154.22'  
W. 15,304.54'

WB-49 (PLC NO. 11) N74°02'W 878.01' 3098.29' S85°32'E 2244.75' 2644.64'



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

WELL REFERENCES:  
S75°E, 76.50' TO 3" R. MAPLE  
N18°W, 98' TO 10" R. MAPLE

5.08  
1.09

(+) 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 1000' S.W. OF LOCATION ELEV. - 2173'

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 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



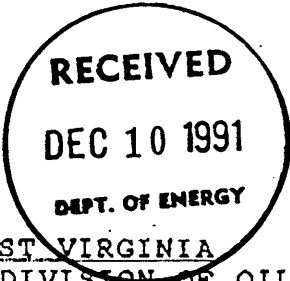
DATE SEPTEMBER 13, 1991  
OPERATOR'S WELL NO. WB-49  
API WELL NO. 47-109-1246  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
LOCATION: ELEVATION 2138' WATER SHED TURKEY WALLOW BRANCH  
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 10050.85  
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 RAVENCLIFF ESTIMATED DEPTH 2350'  
WELL OPERATOR BOWIE, INC. DESIGNATED AGENT WILLIAM BOWIE  
ADDRESS P. O. BOX 1430 1017 ADDRESS P. O. BOX 1430  
CLARKSBURG, WV 26302-1430 CLARKSBURG, WV 26302-1430

COUNTY NAME  
PERMIT



Drawn 12/13/91  
109-1241  
Expires 12/13/93  
Page \_\_\_ of \_\_\_

FORM WW-2B

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

- 1) Well Operator: <sup>1017</sup> BOWIE, Inc 6610 (3) 548
- 2) Operator's Well Number: WB49 #11 3) Elevation: 2160
- 4) Well type: (a) Oil \_\_\_ / or Gas X  
(b) If Gas: Production \_\_\_ / Underground Storage: \_\_\_  
Deep \_\_\_ / Shallow X
- 5) Proposed Target Formation(s): RAVENCLIFF <sup>319</sup>
- 6) Proposed Total Depth: 2300 feet
- 7) Approximate fresh water strata depths: 1000'
- 8) Approximate salt water depths: NA Wyo-1008'
- 9) Approximate coal seam depths: 1039' 1107' 1394'
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X
- 11) Proposed Well Work: New well *Drill & Simulate New Well*
- 12)

CASING AND TUBING PROGRAM

13021

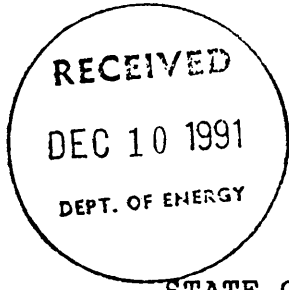
TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11	API New	42	30	30	38CSR18-11-3
Fresh Water						
Coal	7			1500'	1500'	CMT. TO SURFACE
Intermediate	<del>7</del>	<del>API New</del>	<del>20</del>	<del>260</del>	<del>260</del>	<del>38CSR18-11-2</del>
Production	4 1/2	API New	10.5	2300	2300	38CSR18-11-1
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

2329  
30

For Division of Oil and Gas Use Only

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



1) Date: SEPTEMBER 19, 1991  
2) Operator's well number  
WB 49 PLC # 11  
3) API Well No: 47 - 109 - 1241  
State - County - Permit

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

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Pocahontas Land Corp.</u> Address <u>Box 1517</u> <u>Bluefield, WV 24701</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator:</p> <p>Name <u>U.S. Steel Mining Co.</u> Address <u>P.O. Box 430</u> <u>Gary, WV 24836</u></p> <p>(b) Coal Owner(s) with Declaration Name _____ Address _____</p> <p>(c) Coal Lessee with Declaration Name _____ Address _____</p>
<p>6) Inspector <u>Rodney Dillon</u> Address <u>P.O. Box 131</u> <u>Bradley, WV 25818</u> Telephone (304)- <u>877-2912</u></p>	

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 BOWIE, INC.  
 By: [Signature]  
 Its: President  
 Address P.O. Box 1430  
Clarksburg, Wv 26301-1430  
 Telephone 304 622-8896

Subscribed and sworn before me this 22nd day of October, 1991

[Signature] Notary Public  
 My commission expires 07/21/98