

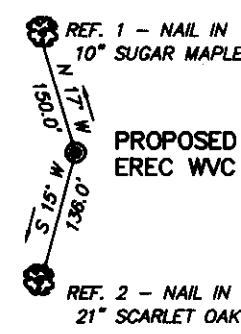
*Janice*  
8/22/97

10,100'

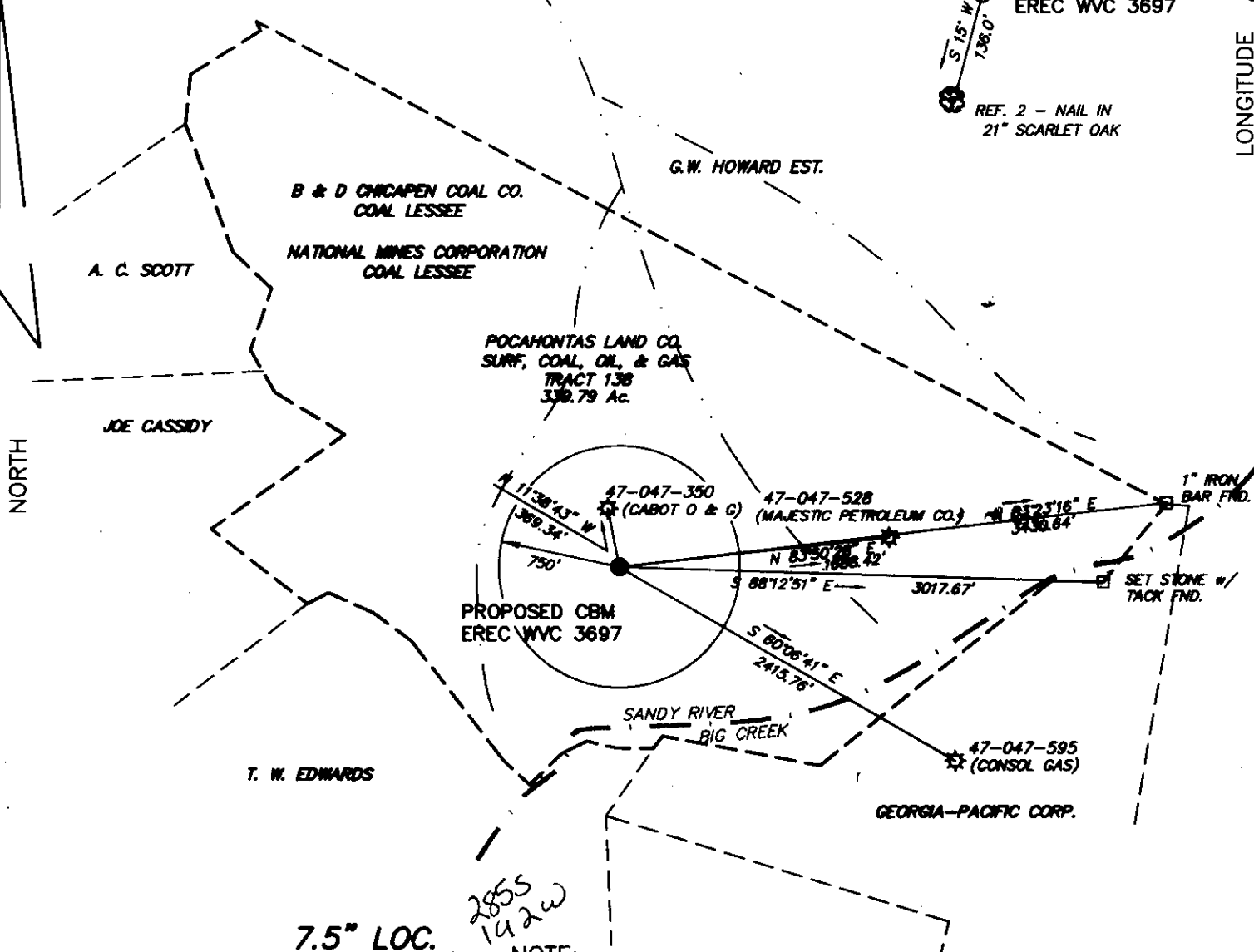
37° 25' 00"

REFERENCES N.T.S.

LONGITUDE 81° 42' 30"



PROPOSED CBM  
EREC WVC 3697



NORTH

15,050'

7.5" LOC.

2855  
142w

NOTE:  
NO POSSIBLE WATER SOURCES LOCATED  
WITHIN 1000' OF PROPOSED LOCATION.

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

WELL COORDINATES  
W. VA. STATE PLANE  
N 137521.7280  
E 1782737.9640

FILE No. 9614-14  
DRAWING No. EREC WVC 3697  
SCALE 1" = 1000'  
MINIMUM DEGREE OF  
ACCURACY 1 : 2500  
PROVEN SOURCE OF  
ELEVATION USGS BM 151 RHP,  
1959, EL. 2156

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  
DEPARTMENT OF MINES  
(SIGNED) William J. Whitman *eps*  
R.P.E. \_\_\_\_\_ R.P.S. 646

PLACE SEAL HERE

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

DATE JULY 5 19 97  
OPERATOR'S WELL No. WVC 3697  
API WELL No. \_\_\_\_\_

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

LOCATION: ELEVATION 2243.36 WATER SHED LAUREL FORK OF CRANE CK.  
DISTRICT SANDY RIVER COUNTY McDOWELL  
QUADRANGLE DAY, W. VA.

SURFACE OWNER POCAHONTAS LAND ACREAGE 339.79  
OIL & GAS ROYALTY OWNER POCAHONTAS LAND CO. LEASE ACREAGE 15,379.43  
LEASE No. 497880L

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION PENNSYLVANIAN COAL ESTIMATED DEPTH 2165'  
WELL OPERATOR EQUITABLE RESOURCES ENERGY CO. DESIGNATED AGENT DAVID DEAN  
ADDRESS 1989 EAST STONE DR. ADDRESS P.O. DRAWER 40  
KINGSPORT, TN 37660 BUCHANNON, WV 26201

SEP 12 1997

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WELL WORK PERMIT APPLICATION

047 13170  
 319

- 1) Well Operator: Equitable Resources Energy Company 14155 (6)
- Operator's Well Number: WVC-3697 3) Elevation: 2243.36
- Well type: (a) Oil\_\_\_/ or Gas X/CBM  
 (b) If Gas: Production\_\_\_/ Undergound Storage\_\_\_/  
 Deep\_\_\_/ Shallow\_\_\_/
- Proposed Target Formation(s): Pennsylvanian Coals
- Proposed Total Depth: 2165 feet
- 7) Approximate fresh water strata depths: Unknown
- 8) Approximate salt water depths: Unknown
- 9) Approximate coal seam depths: See Attached Prognosis
- 10) Does land contain coal seams tributary to active mine? Yes\_\_\_/ No\_\_\_/
- 11) Proposed Well Work: Drill - Stimulate - Complete
- 12)

Issued 09/12/1997  
 Expires 09/12/1999

RECEIVED  
 ENVIRONMENTAL PROTECTION  
 DIVISION  
 ADDITIONAL SECTION  
 PERMITTING  
 OFFICE OF OIL & GAS  
 10/17/97

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11.750	L.S	35	40	40	D.P
Fresh Water	8.625	L.S	20	300	300	To Surface 80 ft <sup>3</sup>
Coal						
Intermediate						
Production	4.50	M65	9.5		2145	To Surface 490 ft <sup>3</sup>
tubing	2.375	L.S	4.6		2100	
liners						

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

For Office of Oil and Gas Use Only

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

Plat  WW-9  WW-2B  Bond \_\_\_\_\_  Agent \_\_\_\_\_  
 (Type)

24154

10/17/97

2) Operator's well number  
WVC-3697  
3) API Well No: 47 - 47 - 1217 C  
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE 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 P.O. Box 1517  
Bluefield, WV 24701  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

5) (a) Coal Operator: Lessee  
Name B&D Chickenpen Coal Company  
Address Box 269  
Jolo, WV 24840  
(b) Coal Owner(s) with Declaration  
Name Pocahontas Land Corp.  
Address P.O. Box 1517  
Bluefield, WV 24701  
Name \_\_\_\_\_  
Address \_\_\_\_\_

6) Inspector Offie Helmic  
Address P.O. Box 398  
Brenton, WV 24818  
Telephone (304) - 759-0579

(c) Coal Lessee with Declaration  
Name National Mines Cororation  
Address P.O. Box 12022  
Lexington, KY 40579

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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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)
- X Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

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I have read and understand Chapter 22-6 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 Equitable Resources Energy Company  
By: Michael P. Parkash  
Its: Manager-Drilling & Workover  
Address 1989 East Stone Drive, P.O. Box 1983  
Kingsport, Tennessee 37662-1983  
Telephone (623)224-3800

Subscribed and sworn before me this 8th day of August, 1997

Alma Stone Moore Notary Public  
My commission expires December 31, 2000