



87B 10/1/87

55

LATITUDE 37° 52' 30"

08

TH 13 PARCEL 17  
ROWLAND LAND COMPANY, LTD.  
DB 713 PAGE 524  
5233.332 ACRES

THIS PARCEL 21  
ROWLAND LAND CO.  
DB 713 PAGE 524  
31.30 ACRES

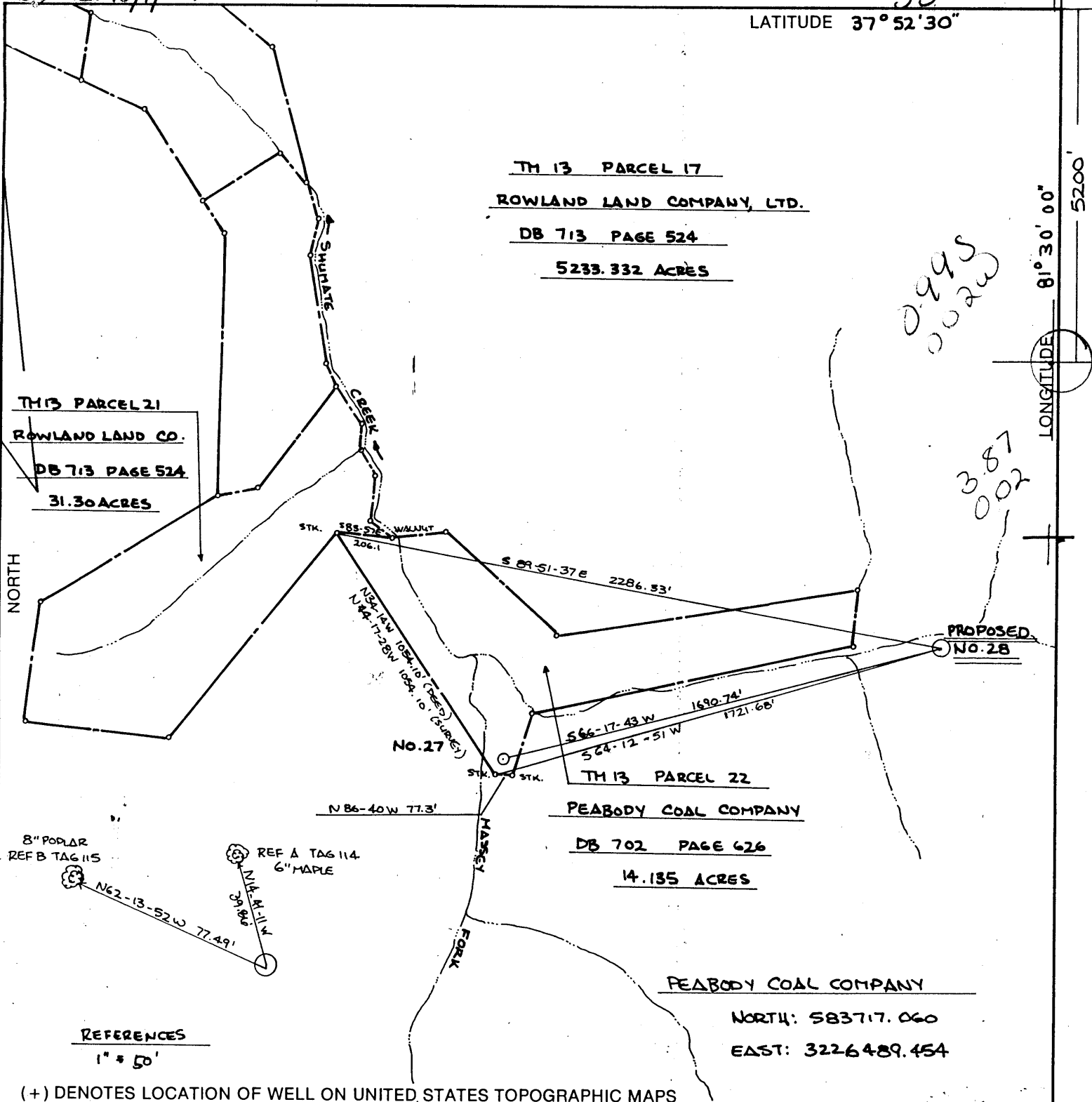
0.995  
0.020

3.87  
0.02

00' 03' 18" 00'  
5200'

LONGITUDE

NORTH



PROPOSED NO. 28

NO. 27

TH 13 PARCEL 22  
PEABODY COAL COMPANY  
DB 702 PAGE 626  
14.135 ACRES

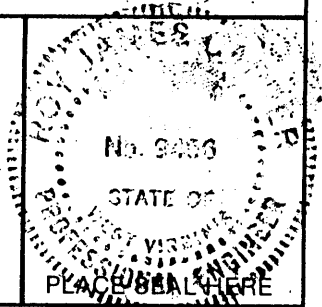
PEABODY COAL COMPANY  
NORTH: 583717.060  
EAST: 3226489.454

REFERENCES  
1" = 50'

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

FILE NO. AWEC-081-016  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1 IN 10000  
PROVEN SOURCE OF ELEVATION BM N40-X ON BRIDGE ABUTMENT IN EDWIGHT (984.637')

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) Ray James Capper  
R.P.E. 9456 L.L.S. \_\_\_\_\_



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE 20 SEPTEMBER, 19 87  
OPERATOR'S WELL NO. ROWLAND NO. 28  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1796.7' WATERSHED SHUMATE CREEK OF MARSH FORK  
DISTRICT MARSH FORK 2 COUNTY RALEIGH  
QUADRANGLE PILOT KNOB 7.5' 547 006 6  
SURFACE OWNER ROWLAND LAND COMPANY, LTD ACREAGE 5233.332  
OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 15,000  
LEASE NO. \_\_\_\_\_

COUNTY NAME

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

PERMIT

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5300'  
WELL OPERATOR ALLEGHENY WESTERN ENERGY DESIGNATED AGENT DENNIS L. MANN  
ADDRESS P.O. BOX 2587 ADDRESS P.O. BOX 2587  
CHARLESTON, WV 25329 CHARLESTON, WV 25329

OCT 12 1987



1) Date: 20 September, 19 87  
 2) Operator's Well No. Rowland #28  
 3) API Well No. 47 - 081 - 0803  
 State County Permit

FORM WW-2(B) FILE COPY  
**RECEIVED**  
 OCT 01 1987

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

- 4) WELL TYPE: A Oil        / Gas XXX /  
 B (If "Gas", Production XXX / Underground storage        / Deep        / Shallow XXX)  
 5) LOCATION: Elevation: 1796.7 Watershed: Shumate Creek of Marsh Fork  
 District: Marsh Fork 2 County: Raleigh 081 Quadrangle: Pilot Knob 7.5'  
 6) WELL OPERATOR A & W Energy Corp CODE: 1100 7) DESIGNATED AGENT Dennis L. Mann  
 Address P.O. Box 2587 Address P.O. Box 2587  
Charleston, WV 25329 Charleston, WV 25329  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Rodney Dillon Name NA  
 Address P.O. Box 1526 Address         
Sophia, WV 25921  
 10) PROPOSED WELL WORK: Drill XXX / Drill deeper        / Redrill        / Stimulate XXX /  
 Plug off old formation        / Perforate new formation        /  
 Other physical change in well (specify)         
 11) GEOLOGICAL TARGET FORMATION, Weir, Devonian Shales  
 12) Estimated depth of completed well, 5300 feet  
 13) Approximate trata depths: Fresh, 446, 50, 557 feet; salt, 2089 feet.  
 14) Approximate coal seam depths: 260, 640, 465 Is coal being mined in the area? Yes        / No XXX /

15) CASING AND TUBING PROGRAM From RAL-193, 398, 419, 552, 553

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds <u>38CSR18-11.3</u>
Fresh water	<u>9 5/8</u>	<u>smls</u>	<u>32</u>	<u>X</u>		<u>1229</u>	<u>1229</u>	<u>300 sks cts</u>	by rule <u>15-05</u>
Coal	<u>7</u>	<u>smls</u>	<u>23</u>	<u>X</u>		<u>3244</u>	<u>3244</u>	<u>200 sks</u>	Sizes <u>38CSR-18-11.2.2</u>
Intermediate									
Production	<u>4 1/2</u>	<u>smls</u>	<u>10.5</u>	<u>X</u>		<u>5300</u>	<u>5300</u>	<u>200-400 sks</u>	Depths set or as required
Tubing									by rule <u>15-01</u>
Liners									Perforations: <u>38CSR18-11.1</u>
									Top Bottom

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-081-0803 Date October 9 19 87

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires October 9, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>✓</u>	Agent: <u>J</u>	Plat: <u>[Signature]</u>	Case No: <u>[Signature]</u>	Fee: <u>233</u> <u>7069</u>	WPCP: <u>[Signature]</u>	SME: <u>[Signature]</u>	Other: <u>      </u>
----------------	-----------------	--------------------------	-----------------------------	--------------------------------	--------------------------	-------------------------	----------------------

[Signature]  
 Director, Division of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

**RECEIVED**  
FEB 16 1988

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE 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.

Rowland Land Co  
Coal Operator ~~xxxxxx~~ Owner  
1033 Quarrier St, Charleston, W.Va.  
Address

Allegheny & Western Energy Corp  
Name of Well Operator  
P.O.Box 2587, Charleston, W.Va.  
Complete Address

Peabody Coal  
Coal Operator ~~xxxxxx~~  
1018 Kanawha Blvd, Charleston W.Va  
Address

December 1 19 87  
WELL AND LOCATION

Marsh Fork District

Rowland Land Co  
~~xxxxxx~~ Property Owner  
Address

Raleigh County

WELL NO. 47-081-0803

Rowland Land Co Farm

STATE INSPECTOR SUPERVISING PLUGGING Rodney Dillon

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Kanawha ss:

R. L. Mann and \_\_\_\_\_  
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 Allegheny & Western Energy Corp, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5 day of November, 1987, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
4725-4675 cement		9 5/8		747
4675-3590 gel		7		2756
3590-3540 cement				
3540-3000 gel				
3000-2950 cement				
2950-2670 gel				
2670-2620 cement				
2620-1200 gel				
1200-1100 cement				
1100-50 gel				
50 - 0 cement				
Coal Seams			Description of Monument	
(Name)	260		7" casing left 24" above	
(Name)	465		ground with well name and	
(Name)	640		number and state ID.	
(Name)				

*[Signature]* 3/9/88

and that the work of plugging and filling said well was completed on the 5 day of November, 19 87.

And further deponents saith not. R. L. Mann S.V.P.

Sworn to and subscribed before me this 1 day of December, 19 87.

*[Signature]*  
Notary Public MAR 18 1988

My commission expires:  
1-12-1992

Permit No. 47-081-0803-P