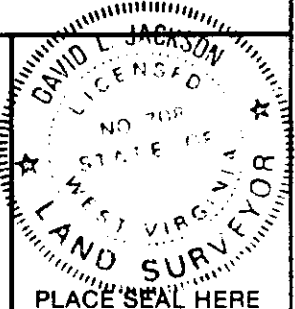


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 5000'
 PROVEN SOURCE OF ELEVATION Peabody Sta. E-3
9786' SW of Location: elev. 2489.88

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) David L Jackson
 R.P.E. _____ L.L.S. 708



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506
 WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X
 LOCATION: ELEVATION 2455 WATERSHED James Creek
 DISTRICT Crook COUNTY Boone
 QUADRANGLE Whitesville 7 1/2'
 SURFACE OWNER Peabody Coal Company ACREAGE 8044
 OIL & GAS ROYALTY OWNER Berwind Land Company LEASE ACREAGE 8044
 LEASE NO. 8391
 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 Berea ESTIMATED DEPTH 4450
 DATE December 14, 19 88
 OPERATOR'S WELL NO. 26
 API WELL NO. 47-005-01499-P
 STATE COUNTY PERMIT
 COUNTY NAME Boone
 PERMIT 1499-P
 EASTERN AMERICAN
 501 56th Street
 25304
 ORP. DESIGNA
 a VI. ADDRES
 John Paletti
 MAY 11 1998

M.T. HALL 4-8073 FORM WW-6

LONGITUDE 81-32-30 W

018

COUNTY NAME

PERMIT

3780

LATITUDE 37-55-00 N

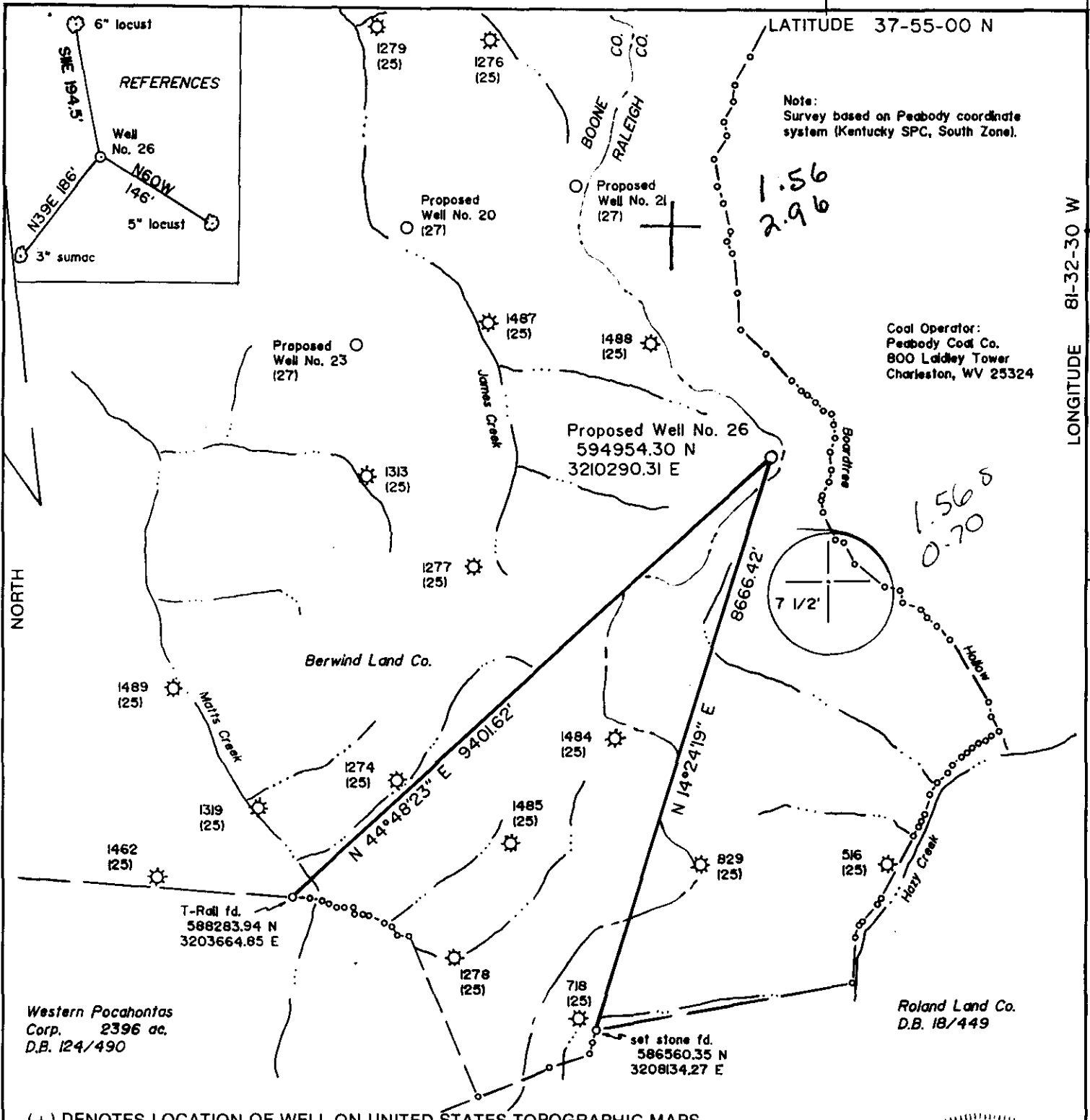
Note: Survey based on Peabody coordinate system (Kentucky SPC, South Zone).

Coal Operator:
 Peabody Coal Co.
 800 Laidley Tower
 Charleston, WV 25324

Handwritten signature and date: David L. Jackson 12/14/88

NORTH

Note: Survey based on Peabody coordinate system (Kentucky SPC, South Zone).



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

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 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 5000
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 (SIGNED) David S. Jackson
 R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE December 14, 19 88
 OPERATOR'S WELL NO. 26
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2455 WATERSHED James Creek

DISTRICT Crook COUNTY Boone
 QUADRANGLE Whitesville 7 1/2' 677 006, Bald Knob EC
 SURFACE OWNER Peabody Coal Company ACREAGE 8044
 OIL & GAS ROYALTY OWNER Berwind Land Company LEASE ACREAGE 8044
 LEASE NO. 8391

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 FEB 17 1989

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Berea ESTIMATED DEPTH 4450
 WELL OPERATOR Natural Resource Management Corp. DESIGNATED AGENT Dave Cash, Natural Resource Management Corp.
 ADDRESS 681 Andersen Drive, Foster Plaza VI ADDRESS 312 Sixth Avenue
Pittsburgh, PA 15220 1049 Charleston, WV 25303

6-6 Hopkins Fork - Jarrolds Valley (247)

FORM WW-6 H.T. HALL - 8673

COUNTY NAME PERMIT

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: PEABODY COAL COMPANY Operator Well No.: BERWIND LAND 26

LOCATION: Elevation: 2455.00 Quadrangle: WHITESVILLE

District: CROOK County: BOONE
Latitude: 8310 Feet South of 37 Deg. 55Min. 0 Sec.
Longitude 3780 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: NATURAL RESOURCE MANAGEME
681 ANDERSON DR. FOSTER PLAZA 6
PITTSBURGH, PA 15220-0000

Agent: DAVE CASH

Inspector: JERRY HOLCOMB
Permit Issued: 02/14/89
Well work Commenced: 05/13/89
Well work Completed: 06/08/89
Verbal Plugging
Permission granted on:
Rotary x Cable Rig
Total Depth (feet) 4,250'
Fresh water depths (ft) 280'
Salt water depths (ft) 4,019'

Size	Drilling	in Well	Fill-Up Cu. Ft.
13 3/8"	34'	34'	conductor
9 5/8"	1,369'	1,369'	456 sks CTS
4 1/2"	4,221'	4,221'	166 sks

Is coal being mined in area (Y/N)? y
Coal Depths (ft): 65,143,216,345,462,480,598,
780,810,833,1120,1301'

OPEN FLOW DATA

Producing formation Upper Weir Pay zone depth (ft) 3,948'
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow Bbl/
Final open flow 1400 MCF/d Final open flow Bbl/
Time of open flow between initial and final tests Hour
Static rock Pressure 590 psig (surface pressure) after 12 Hour

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/
Final open flow MCF/d Final open flow Bbl/
Time of open flow between initial and final tests Hour
Static rock Pressure psig (surface pressure) after Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

William A. Straslicka
For: NATURAL RESOURCE MANAGEMENT CORP.

By: William A. Straslicka, Regional Engineering Mgr.
Date: 06/12/89

DEC 29 1989

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

- 1) Well Operator: Natural Resource Management Corporation 34550 1, 076
- 2) Operator's Well Number: Berwind Land #26 3) Elevation: 2455'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Berea
- 6) Proposed Total Depth: 4450 feet
- 7) Approximate fresh water strata depths: 400'
- 8) Approximate salt water depths: None Reported
- 9) Approximate coal seam depths: 170', 230', 360', 500', 570', 600', 820', 1140', 1320'
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill and fracture stimulate. New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	13-3/8"		48	30'	-	
Fresh Water						38SRB-113
Coal	9-5/8"		32.3	1370'	1370'	CTS 38CSR1871.22
Intermediate						38CSR1871.1
Production	4-1/2"		10.5	4450'	4450'	As Required
Tubing						
Liners						

5291

RECEIVED
 FEB 10 1989

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only DEPARTMENT OF ENERGY

1791
 Fee(s) paid: 3 Well Work Permit 1 Reclamation Fund 1 WPCP
1 Plat 1 WW-9 1 WW-2B 1 Bond 50 Blanket 1 Agent
 (Type)

RECEIVED
FEB 10 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

- 1) Date: December 20, 1988
- 2) Operator's well number
Berwind Land #26
- 3) API Well No: 47 - 005 - 1499
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 Peabody Coal Company
Address P.O. Box 1233
Charleston, WV 25324 Attn: Mike Eddie
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name Peabody Coal Company
Address P. O. Box 1233
Charleston, WV 25324 Attn: Mike Eddie
 - (b) Coal Owner(s) with Declaration
Name Berwind Land Company
Address 1050 Valley Square
Charleston, WV 25301 Attn: Raymond C. Brainard
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name Peabody Coal Company
Address P. O. Box 1233
Charleston, WV 25324 Attn: Mike Eddie
- 6) Inspector Jerry Holcomb
Address Rt 2, Box 159, Hwy #34
Hamlin, WV 25523
Telephone (304)- 824-5963

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 7 on the above named parties, by:

- x 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 Natural Resource Management Corporation
 By: Robert T. Golier Robert T. Golier
 Its: Vice President and Eastern Region Manager
 Address 681 Andersen Dr., Foster Plaza VI
Pittsburgh, PA 15220
 Telephone (412) 921-3700

Subscribed and sworn before me this 20th day of DECEMBER, 1988

Louise A. Bugna
My commission expires _____

NOTARIAL SEAL
 LOUISE A. BUGNA, NOTARY PUBLIC
 GREEN TREE BORO, ALLEGHENY COUNTY
 MY COMMISSION EXPIRES NOV. 19, 1992

Notary Public

Member, Pennsylvania Association of Notaries

DETAILS OF PERFORATED INTERVALS, FRACTURING, PHYSICAL CHANGES

Perforated with 28 shots 3,948' - 3,980'. Stimulated with 695 BBLS of 25# gelled water with 250 SCF/BBL N₂ & 2% KCL. AIP = 990 PSI. AIR = 21 BPM. HHP = 500. Placed 510 SX 20/40 Sand.

WELL LOG

FORMATION COLOR HARD/SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand and Gravel	0	10	
Sand	10	45	
Sand	45	65	
Coal	65	71	
Sand	71	143	
Coal	143	147	
Sand	147	216	
Coal	216	220	Wet
Sand and Shale	220	292	
Sand	292	345	
Coal	345	349	
Sand	349	414	
Sand	414	462	
Coal	462	466	
Sand	466	480	
Coal	480	487	
Sand	487	598	
Coal	598	604	
Sand	604	700	
Sand and Shale	700	833	
Coal	833	840	
Sand	840	923	
Sand and Shale	923	1,120	
Coal	1,120	1,127	
Sand and Shale	1,127	1,301	
Coal	1,301	1,306	
Sand	1,306	1,376	
Sand and Shale	1,376	1,444	
Sand	1,444	1,485	
Shale	1,485	1,719	
Sand	1,719	2,140	
Sand	2,140	2,463	
Shale	2,463	2,494	
Sand	2,494	2,529	
Shale	2,529	2,650	
Sand and Shale	2,650	2,743	
Sand and Shale	2,743	2,961	
Shale	2,961	3,148	
Shale	3,148	3,242	
Shale	3,242	3,450	
Little Lime	3,450	3,540	
Big Lime	3,540	3,860	Gas Check at 3,802' = no show
Shale	3,860	3,942	
Weir Sand	3,942	3,995	Gas Check at 4,019
Shale	3,995	4,115	
Lower Weir	4,115	4,122	
Shale	4,122	4,250 TD	

HOLE #