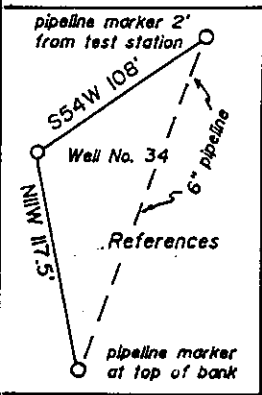
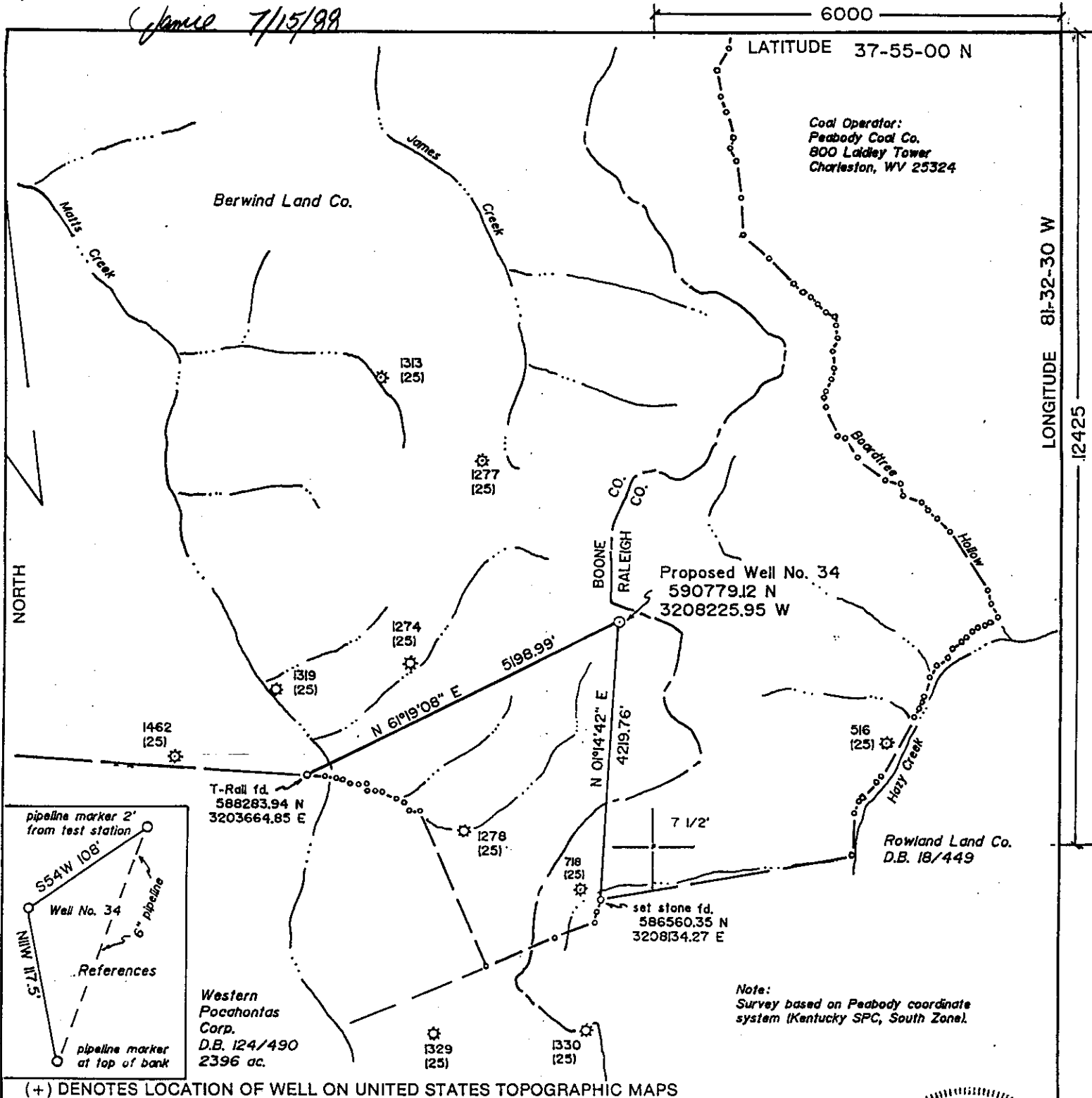


Janice 7/15/88

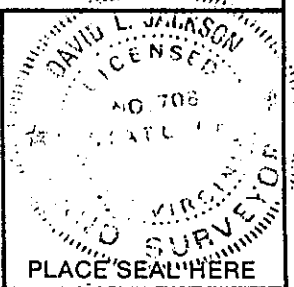


Note: Survey based on Peabody coordinate system (Kentucky SPC, South Zone).

(+) 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. F-3
5140' 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



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE July 7, 1988
 OPERATOR'S WELL NO. 34
 API WELL NO. 47-005-01484

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 2385 WATERSHED Matts Creek
 DISTRICT Crook COUNTY Boone
 QUADRANGLE Whitesville 7 1/2'

SURFACE OWNER Berwind Land 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 4365

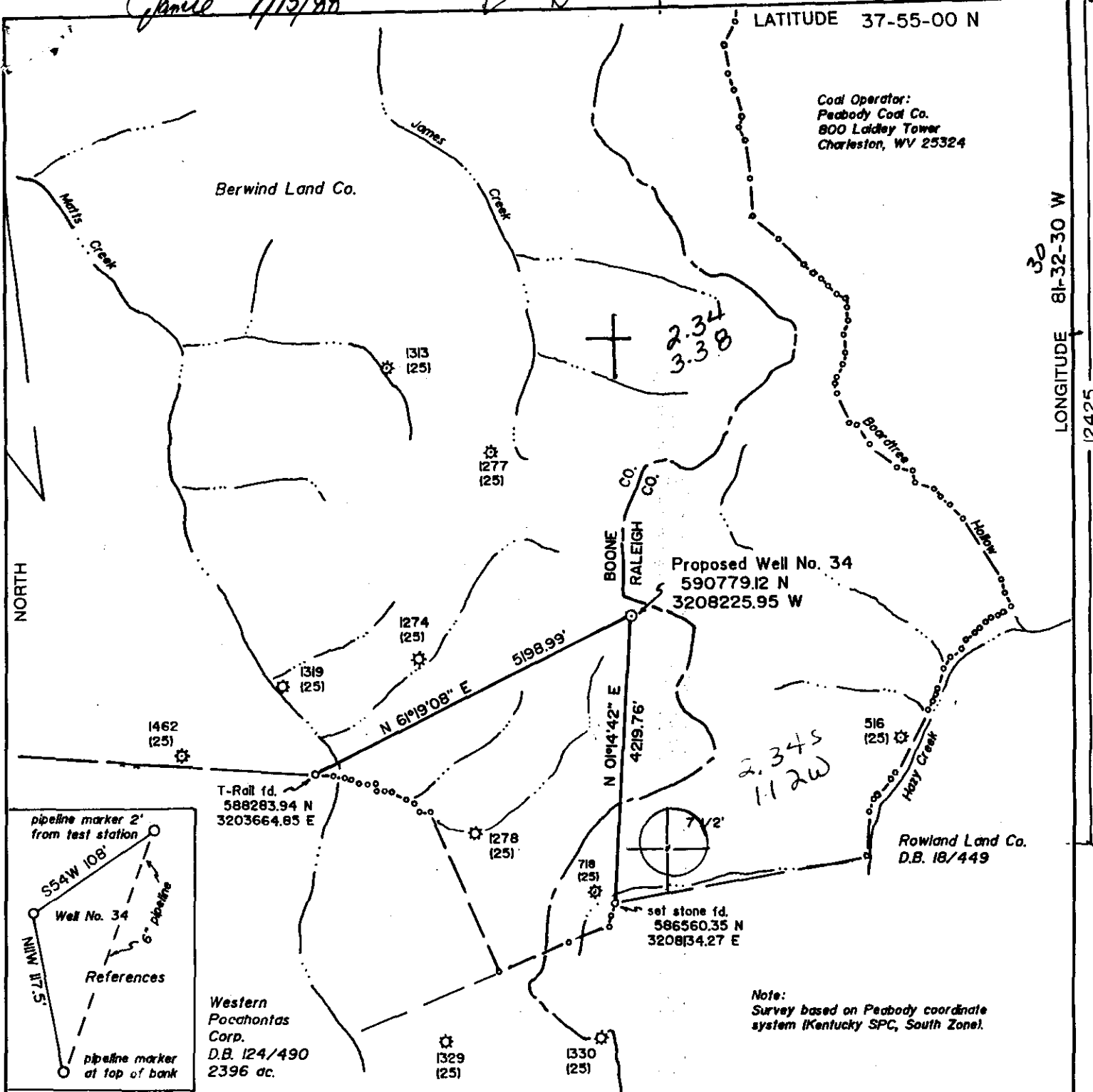
WELL OPERATOR Eastern American Energy DESIGNATED AGENT John Paletti
 ADDRESS 501 56th Street ADDRESS PO. Box 820
Charleston, WV 25304 Glennville, WV 26351

NOV 09 1988

H.T. HALL 45573 FORM WW-6

COUNTY NAME BOONE
 PERMIT 1484 P1

Janice 7/15/88

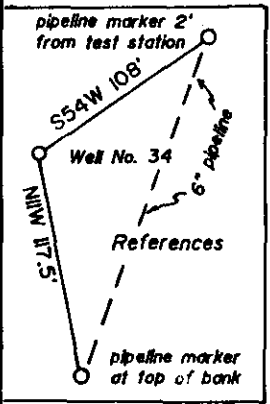


LATITUDE 37-55-00 N

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

LONGITUDE 81-32-30 W
 30
 12425

NORTH



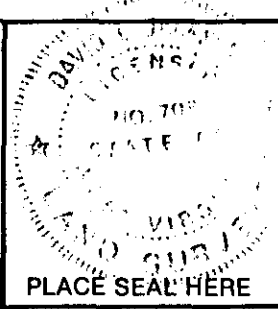
Western
 Pocahontas
 Corp.
 D.B. 124/490
 2396 ac.

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

(+) 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
5140' 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 J. Jackson
 R.P.E. _____ L.L.C. 708



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE July 7, 19 88
 OPERATOR'S WELL NO. 34
 API WELL NO.

47 - 005 - 1484
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 2385 WATER SHED Matts Creek
 DISTRICT Crook COUNTY Boone
 QUADRANGLE Whitesville 7 1/2' 677 006 6 Bald Knob EC

SURFACE OWNER Berwind Land 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 4365

WELL OPERATOR Natural Resource Management Corp. DESIGNATED AGENT Dave Cash, Natural Resource Management Corp.
 ADDRESS 681 Andersen Drive, Foster Plaza VI ADDRESS 312 Sixth Ave.
Pittsburgh, PA 15220 1049 Charleston, WV 25303

JUL 15 1988

FORM WW-6
 H.T. HALL 38673

COUNTY NAME
 PERMIT

6-6 unnamed (D)



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

Well Operator's Report of Well Work

Farm name: BERWIND LAND COMPANY Operator Well No.: BERWIND 34

LOCATION: Elevation: 2385.00 Quadrangle: WHITESVILLE

District: CROOK County: BOONE
Latitude: 12425 Feet South of 37 Deg. 55Min. 0 Sec.
Longitude 6000 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: NATURAL RESOURCE MANAGEMEN

681 ANDERSON DR. FOSTER PLAZA
PITTSBURGH, PA

Agent: DAVE CASH

Inspector: JERRY HOLCOMB

Permit Issued: 07/15/88

Well work Commenced: 8/07/88

Well work Completed: 8/15/88

Verbal Plussings

Permission granted on: _____

Rotary Cable _____ Rig

Total Depth (feet) 4408 DTP

Fresh water depths (ft) _____

None Reported

Salt water depths (ft) 2420

Is coal beins mined in area (Y/N)? y

Coal Depths (ft): 166, 276, 410, 515, 744

828, 920, 991, 1060, 1100.

Size	Used in	Left	Cement
	Tubings	Drillings	Fill Up
	in Well		Cu. Ft.
13-3/8"	445'	445'	375 SX
9-5/8"	1196'	1196'	425 SX
4-1/2"	4166'	4166'	75 SX

OPEN FLOW DATA

Producing formation WEIR Pay zone depth (ft) 3880

Gas: Initial open flow 223 MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 2800 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 215 Psig (surface pressure) after 48 Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ Psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED 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.

Paul J. Shuleski

For: NATURAL RESOURCE MANAGEMENT CORP.

By: Paul J. Shuleski, Regional Geology Manager

Date: 10/18/88

MAR 10 1989

SPOTTED 500 GAL. 15% HCL AND 500 GAL. MEQH. PERFORATED 3880'-3906' WITH 18 HOLES. PUMPED 624 DBLS. WATER, 52,500#
 20/40 SAND, 250 SCFN2/DBL. BDP = 343 PSI, AIR = 21.6 BPM, AIP = 1272 PSI, ISIP = 650 PSI.

DETAILS OF PERFORATED INTERVALS, FRACTURING, PHYSICAL CHANGES

WELL LOG

FORMATION COLOR HARD/SOFT : TOP FEET : BOTTOM FEET : REMARKS

DRILLER'S LOG:

Sand and Shale

Salt Sand

Sand and Shale

Maxton Sand

Lime

Sand and Shale

Shale

DTD

LTD

CDL:

Princeton SS:

Ravencroft SS:

Avis LS:

Maxton SS:

Little Lime:

Big Lime:

Upper Weir SS:

Lower Weir SS:

Sunbury Sh:

Berea SS:

0

2140

2180

2500

2985

3350

3770

4050

4408

4338

2534

2643

2810

2874

3352

3433

3878

4004

4246

4266

2140

2180

2500

2985

3350

3770

4050

4408

2606

2794

2842

3318

3422

3787

3915

4049

4266

4281

SW @ 2420' - NS
 GC @ 3817' - NS
 GC @ 3997' - 231M
 GC @ TD - 223M

MAR 10 1989

7376

005-1484

Issued 7/15/88 Expires 7/15/90

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, 676*
- 2) Operator's Well Number: Berwind Land #34 3) Elevation: 2385'
- 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: 4365 feet
- 7) Approximate fresh water strata depths: 360'
- 8) Approximate salt water depths: None reported
- 9) Approximate coal seam depths: 140', 256', 389', 488', 717', 801', 901', 965', 1036', 1096', 1211'
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: DRILL.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	16"		52.5	30	-	
Fresh Water						<i>58CSR-18-11.3</i>
Coal	9-5/8"		32.3	1280	1280	<i>58CSR-18-11.2.2</i> CTS
Intermediate	7"		20	2535	2535	100 SKS
Production	4-1/2"		10.5	4365	4365	<i>58CSR-18-11.1</i> As required
Tubing						
Liners						

RECEIVED
JUL 12 1988

PACKERS : Kind _____
Sizes _____
Depths set _____

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

1540
21
Fee(s) paid: *[Signature]* Well Work Permit *[Signature]* Reclamation Fund *[Signature]* WPCP
[Signature] Plat *[Signature]* WW-9 *[Signature]* WW-2B *[Signature]* Bond *50 Blanket* *[Signature]* Agent

1376

RECEIVED
JUL 12 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

1) Date: July 8, 1988
2) Operator's well number
BERWIND LAND #34
3) API Well No: 47 - 005 - 1484
State - County - Permit

4) Surface Owner(s) to be served:
(a) Name Berwind Land Company
Address 1050 One Valley Square
Charleston, WV 25301
(b) Name Raymond C. Brainard
Address _____
(c) Name _____
Address _____
6) Inspector Jerry Holcomb
Address Rt. 2, Box 159, Hwy #34
Hamlin, WV 25523
Telephone (304)- 824-5963

5) (a) Coal Operator:
Name Peabody Coal Company
Address P. O. Box 1233
Charleston, WV 25324 Attn: John Eagan
(b) Coal Owner(s) with Declaration
Name Berwind Land Company
Address 1050 One Valley Square
Charleston, WV 25301
Name Attn: Raymond C. Brainard
Address _____
(c) Coal Lessee with Declaration
Name Peabody Coal Company
Address P. O. Box 1233
Charleston, WV 25324 Attn: John Eagan

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 10 on the above named parties, by:

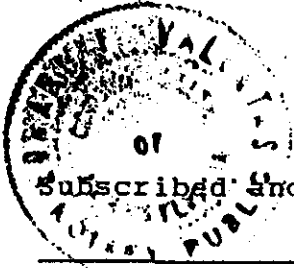
- X Personal Service (Affidavit attached)
- _____ Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

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 Drive, Foster Plaza VI
Pittsburgh, Pennsylvania 15220
Telephone 412-921-3700



Subscribed and sworn before me this 8th day of July, 1988

My commission expires _____

Edward F. Valentas Notary Public
EDWARD F. VALENTAS, NOTARY PUBLIC
GREEN TREE BORO, ALLEGHENY COUNTY
MY COMMISSION EXPIRES APRIL 3, 1989
Member Pennsylvania Association of Notaries