

REFERENCES N.T.S.

LATITUDE 38° 05' 00"

2,900'

LONGITUDE 80° 45' 00"
3,300'

PROPOSED WESTVACO A-3

S 79°20'52" E 115.43'

REF. #2 - NAIL IN 8" MAPLE

S 21°54'47" E 110.24'

REF. #1 - NAIL IN 10" RED OAK

7.5' LOC.

K. L. McCLUNG
284/331
TM 11, PAR. 10

WESTVACO
260/18
TM 21, PAR. 1

C. E. SPARKS
414/604
TM 21, PAR. 23

SET STONE FND.

SET STONE FND.

N 44°34'40" W 380.13'

N 76°29'34" E 784.18'

313/308
TM 21, PAR. 3

S 66°16'08" W 555.58'

PROPOSED WESTVACO A-3

BM Q236
EL. 3082

C. MECHINSKI
233/304
TM 21, PAR. 1.1

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

FILE No. 8723-409
DRAWING No. WESTVACO A-3
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 : 2500
PROVEN SOURCE OF ELEVATION BM Q236, 1962
ALONG ROAD EL. 3082

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 MINES

(SIGNED) Willie J. Whitman R.P.S.
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 JUNE 29 19 95
OPERATOR'S WELL No. WESTVACO A-3
API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 47 COUNTY 025 PERMIT 00028
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 3119.22 WATER SHED ANGLINS CREEK COUNTY GREENBRIER
DISTRICT MEADOW BLUFF QUADRANGLE CORLISS, W. VA.

SURFACE OWNER WESTVACO CORP. ACREAGE 2508.41
OIL & GAS ROYALTY OWNER WESTVACO CORP. LEASE ACREAGE _____

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 Big Bone, Main Devonian ESTIMATED DEPTH 5000'
WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID G. McCLUSKEY
ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

OCT 03 1997

FORM IV-6 (8-78)

REFERENCES N.T.S.

LATITUDE 38° 05' 00"

2,900'

LONGITUDE 80° 45' 00"

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S 21°54'47" E 110.24'

REF. #1 - NAIL IN 10" RED OAK

7.5' LOC.

*0.625
0.555W*

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284/331
TM 11, PAR. 10

WESTVACO 260/18
TM 21, PAR. 1

C. E. SPARKS
414/604
TM 21, PAR. 23

SET STONE FND.

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PROPOSED WESTVACO A-3

BM Q236
EL. 3082

C. MECHINSKI
233/304
TM 21, PAR. 1.1

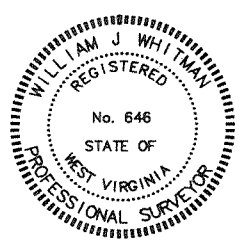
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(SIGNED) *William J. Whittman*

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 JUNE 29 19 95
OPERATOR'S WELL No. WESTVACO A-3
API WELL No. _____

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

LOCATION: ELEVATION 3119.22 WATER SHED ANGLINS CREEK
DISTRICT MEADOW BLUFF COUNTY GREENBRIER
QUADRANGLE CORLISS, W. VA. *Wimona SE*

SURFACE OWNER WESTVACO CORP. ACREAGE 2508.41

OIL & GAS ROYALTY OWNER WESTVACO CORP. LEASE ACREAGE _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Big hole, near Devonian

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Devonian ESTIMATED DEPTH 5000'

WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID G. McCLUSKEY
ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

FORM IV-6 (8-78)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Permitting WELL WORK PERMIT APPLICATION
Office of Oil & Gas

- 1) Well Operator: CABOT OIL & GAS CORPORATION 8145 (8) 305
- 2) Operator's Well Number: WESTVACO A-3 3) Elevation: 3119.2
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): BIG LIME, WEIR, DEVONIAN 404
- 6) Proposed Total Depth: 5000' feet
- 7) Approximate fresh water strata depths: 65', 150'
- 8) Approximate salt water depths: 2460'
- 9) Approximate coal seam depths: 319', 473', 719', 919'
- 10) Does land contain coal seams tributary to active mine? Yes X / No ___
- 11) Proposed Well Work: Drill & Complete Commingled Gas Well
- 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"	L.S.	65#	30'	30'	GTS
Fresh Water						30 CSF/11.3
Coal/Water	8-5/8"	L.S.	20#	975'	975'	280 sks CTS
Intermediate						30 CSF/11.2
Production	4-1/2"	J-55	11.6#	5000'	5000'	380 sks
Tubing						30 CSF/11.1
Liners						

PACKERS : Kind N/A
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: (initials) Well Work Permit (initials) Reclamation Fund (initials) WPCP
(initials) Plat (initials) WW-9 (initials) WW-2B (initials) Bond Security Blanket (initials) Agent
(Type)

13340
38

1) Date: 8/29/95
2) Operator's well number
WESTVACO A-3
3) API Well No: 47 - 025 - 0028
State - County - Permit

Permitting
Office of Oil & Gas

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 WESTVACO Corp.
Address attn: Paul Miller
P.O. Box 577, Rupert, WV 25984
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Rodney G. Dillion
Address P.O. Box 131
Bradley, WV 25818
Telephone (304)- 465-1911

5) (a) Coal Operator:
Name Harris Export Coal Co.
Address attn: John B. Harris
Drawer 389, Lewisburg, WV 24901
(b) Coal Owner(s) with Declaration
Name WESTVACO Corp.
Address attn: Paul Miller
P.O. Box 577, Rupert, WV 25984
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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)
X 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 Cabot Oil & Gas Corporation
By: Thomas A. [Signature]
Its: Regional Engineering Manager
Address 400 Fairway Drive, Suite 400
Coraopolis, PA 15108
Telephone (412) 299-7000

Subscribed and sworn before me this 30th day of AUGUST, 1995

My commission expires _____
Cynthia M. Bowles Notary Public
JUNE 17, 1996
Notary Public
Member, Pennsylvania Association of Notaries