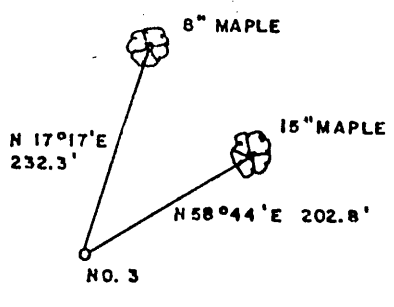


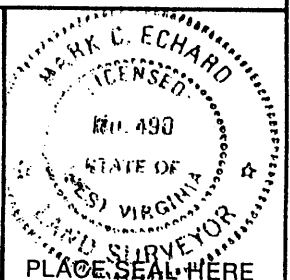
**WELL REFERENCES**



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION BM SW OF LEASE  
ELEV. = 1322'

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) Mark C. Echard  
 R.P.E. \_\_\_\_\_ L.L.S. 490



STATE OF WEST VIRGINIA  
 Division of Environmental Protection  
 OFFICE OF OIL AND GAS



DATE APRIL 27, 2001  
 OPERATOR'S WELL NO. SHIBEN NO. 3  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS \_\_\_  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1299' WATER SHED KNOB FORK  
 DISTRICT CENTER COUNTY WETZEL

QUADRANGLE BIG RUN 7.5'  
 SURFACE OWNER ROBERT E. and LINDA RIX ACREAGE 107  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 6-6-45

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION SPEECHLEY ESTIMATED DEPTH 3900'  
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON MAY 11 2001  
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99  
ALMA, WV 26320 ALMA, WV 26320

"00,06,08 EQUITIGNOT

COUNTY NAME **WETZEL**

PERMIT **1827**

FORM WW-6

01-152

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

Well Operators Report of Well Work

*162 13*

Farm name: Shiben Operator Well #: Shiben #3

Location: Elevation: 1,298. Quadrangle: Big Run

District: Center County Wetzel  
Latitude 1,570 feet south of 39 Deg. 37 Min. 30 Sec.  
Longitude 7,550 feet west of 80 Deg. 30 Min. 00 Sec.

Company: Drilling Appalachian Corporation  
P.O. Box 99  
Alma WV 26320

Agent: Kenneth Mason Casing Used in Left in Cement  
Drilling Well Fill up

Inspector: Randall Mick  
Permit Issued: 05-08-01 9 5/8 230 218 68sks  
Well Work Commenced: 07-13-01  
Well Work Completed: 07-20-01 6 5/8 1700 1668 150 sks  
Verbal Plugging  
Permission granted on: 4 1/2 3657 3554 170 sks  
Rotary \_\_\_ Cable \_\_\_ Rig  
Total Depth (ft) 3657'  
Fresh water depth (ft) 1775'  
Salt water depth (ft) N/A  
Is coal being mined in are (Y/N) N  
Coal depths (ft) 967'

RECEIVED  
Office of Oil & Gas  
Permitting  
AUG 22 2001  
WV Department of  
Environmental Protection

OPEN FLOW DATA

Producing formation Bayard Pay zone depths (ft) 3084-3420  
Gas: Initial open flow show mcf/d Oil: Initial open flow bbls/day  
Final open flow show mcf/d Final open flow bbls/day  
Time of open flow between initial and final tests 48 Hours  
Static rock pressure 560# psig (surface pressure) after 48 Hours

Other producing formation Big Injun Pay zone depths (ft) 2350-2486  
Gas: Initial open flow \* mcf/day Oil: Initial open flow bbls/day  
Final open flow \* mcf/day Final open flow bbls/day  
Time of open flow between initial and final tests 48 Hours  
Static rock pressure \* psig (surface pressure) after 48 Hours

\* = commingled zones

For: Drilling Appalachian Corporation

By: *[Signature]*  
Date: 08-15-01

AUG 24 2001

W E T 1827