



FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1/10000
PROVEN SOURCE OF ELEVATION COPPER PLUG IN ROCK ELEVATION 2783.54

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) Edward L. Bowman
R.P.E. _____ L.L.S. 736

STATE OF WEST VIRGINIA
LICENSED SURVEYOR
181735
PLACE SIGNATURE HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6 (8-78)
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 _____)

LOCATION: ELEVATION 2750.20 WATER SHED TONEY FORK
DISTRICT OCEANA COUNTY WYOMING
QUADRANGLE MATHENY, WV 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
OIL & GAS ROYALTY OWNER POCAHONTAS LAND CORPORATION LEASE ACREAGE 29500±
LEASE NO. _____

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 Poca 456, Fire Creek, Buckley Coals ESTIMATED DEPTH 2600'

WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL
ADDRESS 999 EXECUTIVE PARK BLYD, SUITE 300 ADDRESS PO BOX 460
KINGSPORT, TN 37660 RAVENCLIFF, WV 25913

DATE MARCH 24 1999
OPERATOR'S WELL NO. 1657C
API WELL NO. 47-109-01813C
STATE COUNTY PERMIT

6-6 24B

JUN 14 1999

WYO 1813-C

HARLESTON BLUEPRINT 087163

WR-35

OKED BY: [Signature]
Permitting

JAN 12 2000

WV DIVISION of
Environmental Protection

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

08-Jun-99
API # 47-109-01813 C

Reviewed K

Farm name: POCAHONTAS LAND Operator Well No.: LC-57C

LOCATION: Elevation: 2,750.00 Quadrangle: MATHENY

District: OCEANA County: WYOMING
Latitude: 6450 Feet South of 37 Deg. 45Min. 0 Sec.
Longitude 8000 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: PENN VIRGINIA OIL AND GAS
999 EXEC. PARK BLVD., STE. 300
KINGSPORT, TN 37660-0000

Agent: HARRY JEWELL, III

Inspector: OFIE HELMICK
Permit Issued: 06/09/99
Well work Commenced: 08/23/99
Well work Completed: 10/07/99
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) _____
Fresh water depths (ft) Damp at
1920'
Salt water depths (ft) _____

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 7" | 67' | 66' | 11 cu ft |
| 4 1/2" | 2421' | 2421' | 380 cu ft |
| 2 3/8" | | 2286' | |
| | | | |
| | | | |

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 274-276, 302-305,
311-314, 576-579, 840-843, 1039-1041,
1057-1059 & Log
OPEN FLOW DATA

Producing formation Beckley & Fire Creek Coals Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow Show MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests n/a Hours
Static rock Pressure 355 psig (surface pressure) after 1608 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.

For: PENN VIRGINIA OIL AND GAS CORPORATION
By: William M. Ryan
Date: 12/7/99

WYO 1813 C

FEB 18 2000

