

COORDINATES
 278370.003
 1843223.837
 WV SOUTH
 NAD 27

1.975
 0.05 W

NO KNOWN WATER WELLS
 WITHIN 2000'

REFERENCES NO SCALE

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) Bryan K. Korman
 R.P.E. _____ L.L.S. 736



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

FORM IV-6 (8-78)

DATE FEBRUARY 2, 2000
 OPERATOR'S WELL NO. LC-620-121
 API WELL NO. 47-109-01878C
 STATE COUNTY PERMIT

Division of Environmental Protection
 Office of Oil & Gas

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

LOCATION: ELEVATION 2380.48 WATER SHED UT OF TONEY FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE PILOT KNOB, 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) _____

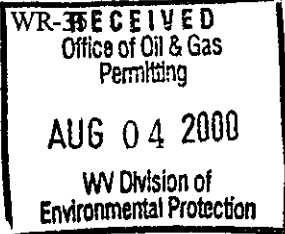
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Beckley, Fire Creek, Pocah45.6 ESTIMATED DEPTH 7,300'

WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS PO BOX 387 ADDRESS PO BOX 460
DUFFIELD, VA 24244-0387 RAVENCLIFF, WV 25913

WV 0 1878 C

66 248



DATE: 07/31/00
API #: 47-109-01878C

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

Reviewed: ALB

Well Operator's Report of Well Work

Farm name: Pocahontas Land Corporation Operator Well No.: LC-62C-121

LOCATION: Elevation: 2380.48 Quadrangle: Pilot Knob WV 7.5'

District: Oceana County: Wyoming
Latitude: 10400 Feet South of 37 Deg. 47 Min. 30 Sec.
Longitude 200 Feet West of 81 Deg. 32 Min. 30 Sec.

Company:

Penn Virginia Oil & Gas Corporation

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 387	13 3/8"	43'	43'	0
Duffield, VA 24244	9 5/8"	125'	125'	0
Agent: Harry Jewell	7"	899'	899'	270
Inspector: Ofie Helmick	4 1/2"	2102'	2102'	315
Date Permit Issued: 3/8/00				
Date Well Work Commenced: 3/28/2000				
Date Well Work Completed: 6/21/00				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2230'				
Fresh Water Depth (ft.): 2" @ 110'				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 195-198, 270-271, 285-289, 335-338, 535-539, 580-589, 700-702, 725-727, 750-752, 850-853				

OPEN FLOW DATA

Producing formation Beckley and 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 -- Hours

Static rock Pressure NA psig (surface pressure) after NA 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.

Signed:

By: William M. Ryan
Date: 8/1/00

AUG 25 2000

WYO 1878 C

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-01878C
WELL #: LC-62C-121

DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

Stage 1 – Fire Creek- Perforated from 1899' to 1901' with 8 holes and from 1934' to 1936' with 8 holes. Breakdown with 250 gallons 7.5% HCL acid and water. Treated with 213 bbls water and 5600 lbs of 20/40 sand. ISIP: 1158 psi. ATP: 1900 psi. ATR: 20 BPM.

Stage 2- Lower Beckley- Perforated from 1836' to 1842' with 24 holes. Breakdown with 250 gallons 7.5% HCL acid and water. Treated with 385 bbls water and 7600 lbs of 20/40 sand. ISIP: 3250 psi. ATP: 3634 psi. ATR: 13 BPM.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand, Shale, & Coal	0	853	
Sand & Shale	853	1105	
Sand	1105	1210	
Shale	1210	1400	
Sand	1400	1779	
Sand & Shale	1779	1836	
Beckley Coal	1836	1843	
Shale	1843	1863	
Sand	1863	1899	
Lower Fire Creek Coal	1899	1900	
Sand	1900	1934	
Poca 6 Coal	1934	1935	
Sand & Shale	1935	2230	No Shows Reported