

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1"=2000'  
MINIMUM DEGREE OF ACCURACY 1:7500  
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) Suzanne L. Bowman  
R.P.E. \_\_\_\_\_ L.L.S. 736

PLACE SEAL HERE

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



DATE JANUARY 17, 20 01  
OPERATOR'S WELL NO. LC-69C  
API WELL NO. 47-109-01997C  
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 3139 WATER SHED TONEY FORK OF CLEAR FORK  
DISTRICT OCEANA COUNTY WYOMING  
QUADRANGLE PILOT KNOB AND ADRIENNE 7.5'  
SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±  
OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS 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 Beekmantown, Fire Creek, Donkey, 6540' ESTIMATED DEPTH 3400  
WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWEL  
ADDRESS PO BOX 387 DUFFIELD, VA 24244-0387 ADDRESS PO BOX 460 RAVENCLIFF, WV 25913

FEB 23 2001

WYO 1997 C

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

*MS*

Well Operator's Report of Well Work

Farm name: Pocahontas Land Corporation Operator Well No.: LC-69C

LOCATION: Elevation: 3139 Quadrangle: Pilot Knob 7.5

District: Oceana County: Wyoming

Latitude: 6900 Feet South of 37 Deg. 47 Min. 30 Sec.

Longitude 10650 Feet West of 81 Deg. 30 Min. 00 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"	33'	33'	0
Duffield, VA 24244	7"	922'	922'	830
Agent: Harry Jewell				
Inspector: Ofie Helmick				
Date Permit Issued: 2-21-01				
Date Well Work Commenced: 3-29-01				
Date Well Work Completed: 4-9-01				
Verbal Plugging: Ofie Helmick				
Date Permission granted on: 4-8-01				
Rotary X Cable Rig				
Total Depth (feet): 1120'				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 736-741, Lost Circulation @ 850'-open mine?, 964-968, open mine @ 1103'-1112'				

RECEIVED  
 Office of Oil & Gas  
 Permitting  
 APR 13 2001  
 WV Division of  
 Environmental Protection

OPEN FLOW DATA

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

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: *Richard W. [Signature]*  
 By: \_\_\_\_\_  
 Date: 4-11-01

APR 20 2001

WYO 1997

FORM WR-35R  
(REVERSE)

PERMIT #: 47-109-01997C  
WELL #: LC-69C

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

Hit unexpected open mine. Will have to re-permit and re-drill. Well was plugged and abandoned with drilling rig still on location. Verbal permission/approval was obtained from Ofie Helmick (by Jim Burns) on 4/8/01.

Procedures:

Set open hole CIBP @ 1050'.

Set 30 sx cement plug from 1050' to 900'.

Cement was Class A, w/2% gel. Wt: 14.8 ppg. Yd: 1.35 cf/sx.

P&A completed at 9:00 AM, 4/9/01

Marker and vent pipe will be installed when location is reclaimed.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand & Shale	0	736	
Coal	736	741	
Shale & Sand	741	850	
Open Mine <i>2 gas</i>	850	858	
Sand & Shale	858	964	
Coal <i>Powellton?</i>	964	968	
Sand & Shale	968	1103	
Open Mine <i>Eagle Coal</i>	1103	1112	
Sand & Shale	1112	1120	
TD	1120		

3139  
1103  
2036  
2175

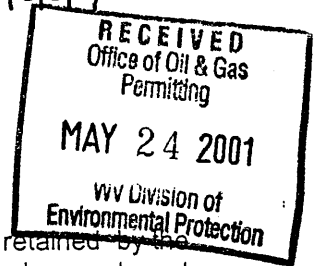
3139  
736  
2403

3139  
850  
2289

WR-38  
DATE: 04/12/01

API # 47-10901997

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: POCAHONTAS LAND CORP. Operator Well No.: LC-69C

LOCATION: Elevation: 3139 Quadrangle: PILOT KNOB 7 1/2'  
District: OCEANA County: WYOMING  
Latitude: 6900 Feet South of 37 Deg. 47 Min. 30 Sec.  
Longitude: 10650 Feet West of 81 Deg. 30 Min. 00 Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company: PENN VIRGINIA OIL & GAS  
P.O. BOX 387  
DUFFIELD, VA 24244

Coal Operator or Owner: EASTERN ASSOCIATED COAL CORP.  
800 LAIDLAY TOWER  
CHARLESTON, WV 24234  
Coal Operator or Owner: \_\_\_\_\_  
Coal Operator or Owner: \_\_\_\_\_

Agent: HARRY JEWELL

Permit Issued Date: \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_ ss:

JAMES R. BURNS and HARRY JEWELL being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and MR. OFIE HELMICK Oil and Gas Inspector representing the Director, say that said work was commenced on the 9 day of APRIL, 19 2001, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
<u>6 1/2" CIBP</u>	<u>@ 1050'</u>			
<u>CLASS A CMT</u>	<u>900'</u>	<u>1050'</u>		<u>922' 7" CASING</u>

[Signature] 5/30/01

Description of monument: 7" x 2" SWAGE and that the work of plugging and filling said well was completed on the 9 day of APRIL, 19 2001

And further deponents saith not. James Burns

Harry Jewell

Sworn and subscribe before me this 28<sup>th</sup> day of March, 19 2001  
My commission expires: 7-31-03

Kita Nelson  
Notary Public

Oil and Gas Inspector: [Signature]



JUN - 1 2001

WYO M. 1997