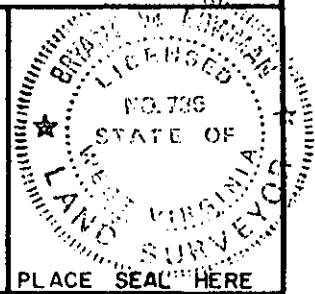


REFERENCES NO SCALE

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) [Signature]
 R. P. E. _____ L. L. S. 736



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

DATE MARCH 4 20 01
 OPERATOR'S WELL NO. LC-68CR
 API WELL NO. 47-109-02024C
 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 2383 WATER SHED CRANE FORK OF CLEAR FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE PILOT KNOB AND TONEY 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 Pocahontas ESTIMATED DEPTH 2300
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORP DESIGNATED AGENT MR. HARRY JEWELL **APR 27 2001**
 ADDRESS PO BOX 387 DUFFIELD, VA 24244-0387 ADDRESS PO BOX 460 RAVENCLIFF, WV 25913

WYO 2001 C

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

Reviewed ALT

Well Operator's Report of Well Work

Farm name: Pocahontas Land Corporation Operator Well No.: LC-68CR

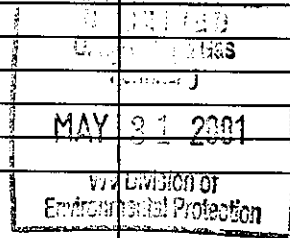
LOCATION: Elevation: 2383 Quadrangle: Pilot Knob & Arnett 7.5

District: Oceana County: Wyoming
Latitude: 9350 Feet South of 37 Deg. 44 Min. 30 Sec.
Longitude 8380 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: <u>P.O. Box 387</u>	<u>13 3/8"</u>	<u>28'</u>	<u>28'</u>	<u>0</u>
<u>Duffield, VA 24244</u>	<u>7"</u>	<u>321'</u>	<u>321'</u>	<u>81</u>
Agent: <u>Harry Jewell</u>				
Inspector: <u>Ofie Helmick</u>				
Date Permit Issued: <u>4-25-01</u>				
Date Well Work Commenced: <u>5-2-01</u>				
Date Well Work Completed: <u>5-20-01</u>				
Verbal Plugging: <u>Ofie Helmick</u>				
Date Permission granted on: <u>5-19-01</u>				
Rotary X Cable Rig				
Total Depth (feet): <u>2250'</u>				
Fresh Water Depth (ft.): <u>Damp @ 151'</u>				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): <u>494'-496', 500'-502', 546'-548', 652'-654', 709'-711', 807'-810'</u>				



OPEN FLOW DATA

Producing formation Dry Hole 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:

By: William M. Ryan
Date: 5/29/01

JUN 08 2001

WYO 2024C

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-02024C
WELL #: LC-68CR

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

Well was plugged and abandoned as part of continuous drilling operations. Verbal approval was obtained from Ofie Helmick, WV DEP Oil and Gas Inspector on 5/19/01.

Plugging operations were completed 5/20/01, in accordance with the following procedures that were approved by Ofie on 5/19/01

Cement Plugs: 270'-370', 1750'-1850' and 2050'-2225'

6% Gel spacers: 370'-1750' and 1850'-2050'

Will install 7" by 2" swage, 2" valve, vent pipe and dry hole marker after drilling rig moves off location

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand, Shale & Coal	0	810	
Sand & Shale	810	880	
Sand	880	1160	
Shale	1160	1335	
Sand	1335	1595	
Sand & Shale	1595	1798	
Lower Beckley Coal	1798	1800	
Shale	1800	1801	
Lower Beckley Coal	1801	1802	
Sand	1802	1910	
Sand & Shale	1910	2099	
Lower Poca 4 Coal	2099	2100	
Sand & Shale	2100	2250	No shows reported

WR-35

DATE: April 10, 2001

I# : 47-109-02024C

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

Reviewed _____

AS

Well Operator's Report of Well Work

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RECEIVED
Office of Oil & Gas
Permitting
JUL 09 2001
WV Department of
Environmental Protection

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MAY 31 2001
WV Department of
Environmental Protection

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WYO 2024 C

~~JUL 13 2001~~

FORM WR-35R
(REVERSE)

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Sand & Shale	2100	2250	No shows reported