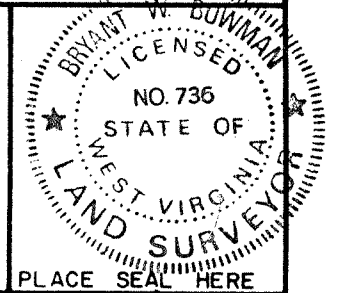


FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:5000
 PROVEN SOURCE OF ELEVATION COPPER PLUG IN ROCK
ELEVATION 2754.83

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) Bryant W. Bowman
 R. P. E. _____ L. L. S. 736



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

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

LOCATION: ELEVATION 2181 WATER SHED TONEY FORK
 DISTRICT OCEANA COUNTY WYOMING
 QUADRANGLE MATHENY, WV 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 29500±
 OIL & GAS ROYALTY OWNER Penn Virginia Oil and Gas IN 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 FireCreek ESTIMATED DEPTH 2100

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

DATE MAY 11 2001
 OPERATOR'S WELL NO. LC-79C
 API WELL NO. _____

47 - 109 - 02068C
 STATE COUNTY PERMIT

Division of Environmental Protection
 Office of Oil & Gas

JUN 15 2001

WYOM. 2068 C

6-6 248

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

Handwritten initials

Well Operator's Report of Well Work

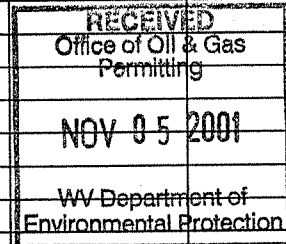
Farm name: Pocahontas Land Corporation Operator Well No.: LC-79C

LOCATION: Elevation: 2181 Quadrangle: Matheny, WV 7.5'

District: Oceana County: Wyoming
Latitude: 5550 Feet South of 37 Deg. 45 Min. 00 Sec.
Longitude 11150 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	9 5/8"	40'	40'	0
Duffield, VA 24244	7"	453'	453'	95
Agent: Harry Jewell	4 1/2"	1904'	1904'	290
Inspector: Ofie Helmick				
Date Permit Issued: 6/14/01				
Date Well Work Commenced: 8/8/01				
Date Well Work Completed: 9/21/01				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2025'				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 285-288, 430-433, 547-549, 686-688				



OPEN FLOW DATA

Producing formation Pocahontas 6 & Beckley Coals Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow Not Taken MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure Not Taken 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. Payne
Date: 11/1/01

NOV 08 2001

WYO 2068 C

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-02068C
WELL #: LC-79C

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

Stage 1 – Poca 6 Coal- Perforated from 1693' to 1697' with 16 holes. Breakdown with 250 gallons 7.5 % HCL acid and water. Treated with 321 bbls water and 1000 lbs 20/40 sand. ISIP: 1167 psi. ATP: 3108 psi. ATR: 20 BPM.

Stage 2 – Lower Beckley Coal- Perforated from 1587' to 1591' with 16 holes. Breakdown with 250 gallons 7.5% HCL acid and water. Treated with 497 bbls water and 20100 lbs 20/40 sand. ISIP: 1817 psi. ATP: 2627 psi. ATR: 20 BPM.

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sd, Shale & Coal	0	688	Coals @ 285-288, 430-433, 547-549, 686-688
Sand	688	760	
Sand & Shale	760	895	
Sand	895	957	
Shale	957	1100	
Sand	1100	1384	
Sand & Shale	1384	1442	
Sand	1442	1502	
Sand & Shale	1502	1585	
Beckley Coal	1585	1592	
Sand & Shale	1592	1637	
Sand	1637	1650	
Lower Fire Creek Coal	1650	1652	
Sand	1652	1693	
Coal & Shale (Poca 6)	1693	1697	
Shale	1697	1722	
Sand	1722	1810	
Sand & Shale	1810	2025	