



FILE NO. _____

DRAWING NO. _____

SCALE 1"=1000'

MINIMUM DEGREE OF ACCURACY 1/4000

PROVEN SOURCE OF ELEVATION MM-4 MONUMENT NORTH OF LOCATION ELE. 2715

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

STATE OF WYOMING
LAND SURVEYOR
NO. 705
PLACE SEAL HERE

(+) 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 2944 WATER SHED TROUGH FORK OF LAUREL FORK
 DISTRICT SLAB FORK COUNTY WYOMING
 QUADRANGLE MCGRAWS, WV 7.5'

SURFACE OWNER GEORGIA PACIFIC CORPORATION ACREAGE 6266±
 OIL & GAS ROYALTY OWNER WYOMING POCAHONTAS COAL LEASE ACREAGE 30582±
 LEASE NO. _____

PROPOSED WORK: DRILL XX 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 ESTIMATED DEPTH 2000'

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

DATE MARCH 21, 1998
 OPERATOR'S WELL NO. 29C-136
 API WELL NO. _____
47 - 109 - 01716
 STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

APR 27 1998

WYO 1716

CHARLESTON BLUEPRINT 08/115

WR-35
 JAN 10 2000
 WV DIVISION OF
 Environmental Protection

22-Apr-98
 API # 47-109-01716

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

Well Operator's Report of Well Work

Farm name: Georgia Pacific Corp. Operator Well No.: 29C-136

LOCATION: Elevation: 2,944.00 Quadrangle: MCGRAWS

District: SLAB FORK County: WYOMING
 Latitude: 4620 Feet South of 37 Deg. 45Min. 0 Sec.
 Longitude 2800 Feet West of 81 Deg. 25 Min. 0 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: 04/22/98
 Well work Commenced: 09/10/99
 Well work Completed: 10/09/99
 Verbal Plugging
 Permission granted on:
 Rotary X Cable Rig
 Total Depth (feet) 1684'
 Fresh water depths (ft) Damp at 1149'
 Salt water depths (ft)

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
9 5/8"	25'	25'	0
7"	1549'	1549'	338 cu ft

Is coal being mined in area (Y/N)?
 Coal Depths (ft): 944-946, 1394-1397, 1418-1422

OPEN FLOW DATA

Producing formation Beckley Open Mine 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 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: 1/7/2000

FEB 2 2000

WYO 1716

FORM WR-35R
(REVERSE)

PERMIT #: 47-109-01716
WELL #: 29C-136

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

<u>FORMATIONS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>REMARKS</u>
Sand & Shale	0	270	
Sand	270	300	
Sand & Shale	300	330	
Sand	330	420	
Sand & Shale	420	600	
Sand	600	630	
Sand & Shale	630	660	
Sand	660	720	
Sand & Shale	720	840	
Sand	840	900	
Sand & Shale	900	1260	
Sand	1260	1290	
Shale & Coal	1290	1440	
Sand	1440	1575	
Shale	1575	1620	
Sand	1620	1680	

Open Mine 1679'-1684'