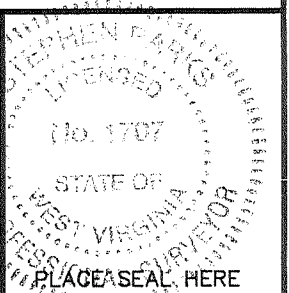


FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION _____
GPS CP No. 35 Elevation 1889.12'

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 DIVISION OF ENVIRONMENTAL PROTECTION (SIGNED) Stephen Parks
R.P.E. 8982 L.L.S. 1707



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

DATE Oct. 7 2004
OPERATOR'S WELL NO. 12458
API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1,787.56' WATER SHED Pot Lick Run of North River
DISTRICT Moorefield COUNTY Hardy
QUADRANGLE Sector

SURFACE OWNER Dennis A. & Emily J. Funk ACREAGE 47.07
OIL & GAS ROYALTY OWNER Columbia Gas Transmission LEASE ACREAGE 372
LEASE NO. 1195614

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 Oriskany ESTIMATED DEPTH 7,700' MD
WELL OPERATOR Columbia Gas Transmission Corp. DESIGNATED AGENT Paul Amick
ADDRESS P.O. Box 1273 ADDRESS P.O. Box 1273

Charleston, WV 25325-1273 Charleston, WV 25325-1273

FORM WW-6

COUNTY NAME PERMIT

304-66

DEC 16 2005

WR-35
Rev (5-01)

DATE: 4/27/07
API #: 47-031-00024

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

✓
18

Well Operator's Report of Well Work

Farm name: Dennis A. Funk Operator Well No.: 12458

LOCATION: Elevation: 2009 Quadrangle: Sector

District: Moorefield County: Hardy
Latitude: 4.415 Feet South of 39 Deg. 10 Min. 00 Sec.
Longitude 9.897 Feet West of 78 Deg. 45 Min. 00 Sec.

Company: Columbia Gas Transmission Corp

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 1700 MacCorkle Ave SE Charleston, WV 25325-1273	24" 94# Gr. B-35	60	57	none - sanded in
	20" 59# Gr. B-35	100	96	71 sks
Agent: Paul Amick				
Inspector: Bill Hatfield / Craig Duckworth	13-3/8" 48# H-40	533	510	500 sks
Date Permit Issued: 4/13/06 (re-issue)				
Date Well Work Commenced: 7/17/06	9-5/8" 36/40# J-55	1998	1979	585 sks
Date Well Work Completed: 11/16/06				
Verbal Plugging:	7" 23# N-80	6604	6587	340 sks
Date Permission granted on: not applicable				
Rotary X Cable Rig	2-3/8" 4.7# J-55	6621	6621	none
Total Depth (feet): 6909				
Fresh Water Depth (ft.): 150, 682, 808 ft				
Salt Water Depth (ft.): none observed				
Is coal being mined in area (N/Y)? no				
Coal Depths (ft.): _____ ft				

OPEN FLOW DATA

Producing formation Oriskany Sand Pay zone depth (ft) 6619' - 6909'
Gas: Initial open flow 50,200 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 50,200 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1300 psig (surface pressure) after 72 Hours

Second Producing formation not applicable 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

RECEIVED
Office of Oil & Gas
C/O 2100
WV Department of Environmental Protection

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: James E. Amos
By: James E. Amos - Senior Storage Engineer - Columbia Gas Transmission Corp
Date: 4/27/07

JUN 15 2007

HAR 0024

Hardy Well 12458

Well drilled to Oriskany Sandstone for underground natural gas storage.

<u>Formation Record</u>	<u>Top (MD ft)</u>	<u>Bottom (MD ft)</u>
Chaneyville	4244	
Upper Marcellus	6221	6238
Purcell	6238	6403
Lower Marcellus	6403	6500
Needmore	6500	6619
Oriskany	6619	6909
TD		6909

Wellbore Telemetry (NAD 27 SPC WV-North Zone)

Surface: N/S = 239,509 ft E/W = 2,202,010 ft
Final Depth: N/S = 238,660 ft E/W = 2,202,564 ft
MD = 6909 ft TVD = 6654 ft

* Refer to revised survey plat and Schlumberger's directional drilling survey data report.

Perforations: none
Stimulation: 12,000 gals 28% HCl acid
Avg BH rate: 5.5 BPM
ATP: 0 psig
ISIP: 0 psig

Electric Logs Ran: 10/18/06 GR-Segmented Bond Tool-CCL
10/14/06 GR-Density-CNL-Lateralog
10/14/06 Dipole Sonic

JUN 15 2007

10/15 11 2007