



DEP USE ONLY	
Site ID	Primary Fac ID
Client Id	Subfacility Id

Well Record and Completion Report

Well Operator Plants and Goodwin, Inc.	DEP ID# 87136	Well API # (Permit / Reg) 37105-21437	Project Number	Acres
Address 1034 Route 44		Well Farm Name Shaytown	Well # 20	Serial #
City Shinglehouse	State PA	Zip Code 16748	County Potter	Municipality Clara
Phone (814) 697-6330	Fax	USGS 7.5 min. quadrangle map Shinglehouse		

Check all that apply: Original Well Record Original Completion Report Amended Well Record Amended Completion Report

WELL RECORD Also complete the Log of Formations on back (page 2)

Well Type	<input checked="" type="checkbox"/> Gas	<input type="checkbox"/> Oil	<input type="checkbox"/> Combination Oil & Gas	<input type="checkbox"/> Injection	<input type="checkbox"/> Storage	<input type="checkbox"/> Disposal			
Drilling Method	<input checked="" type="checkbox"/> Rotary - Air	<input type="checkbox"/> Rotary - Mud	<input type="checkbox"/> Cable Tool						
Date Drilling Started	8/19/08	Date Drilling Completed	8/22/08	Surface Elevation	2100 ft.	Total Depth - Driller	1908 ft.	Total Depth - Logger	ft.
Casing and Tubing				Cement returned on surface casing? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Cement returned on coal protective casing? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Hole Size	Pipe Size	Wt.	Thread / Weld	Amount in Well (ft)	Material Behind Pipe Type and Amount	Packer / Hardware / Centralizers Type	Size	Depth	Date Run
12 1/4	9 5/8	26	Thread	22	drill cuttings				8-19-08
8 3/4	7	17	Thread	500	cement	centralizer	8 3/4x 7"	405	8-20-08
						centralizer	8 3/4x 7	311	
						centralizer	8 3/4x 7	216	

COMPLETION REPORT

Perforation Record				Stimulation Record							
Date	Interval Perforated From	To		Date	Interval Treated	Fluid Type	Amount	Propping Agent Type	Amount	Average Injection Rate	
NOT STIMULATED				RECEIVED JUN 23 2009 ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE							
Natural Open Flow				Natural Rock Pressure				Hours			
15 MCF				435 PSI				5 Days			
After Treatment Open Flow				After Treatment Rock Pressure				Hours			
								Days			

Well Service Companies -- Provide the name, address, and phone number of all well service companies involved.

Name Superior Well Services	Name	Name
Address 350 High St	Address	Address
City - State - Zip Bradford, PA 16701	City - State - Zip	City - State - Zip
Phone (814) 368-6228	Phone	Phone

LOG OF FORMATIONS

Well API#: 37-105-21437-00

(If you will need more space than this page, please photocopy the blank form before filling it in.)

Formation Name or Type	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
SEE ATTACHED DRILLER'S LOG						

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JUN 15 2009

MANFIELD DISTRICT OFFICE
Dept. of Environmental Protection

Well Operator's Signature	DEP USE ONLY
Title: Vice Pres./Treas.	Reviewed by: Date: 9-14-09
Date: June 05, 2009	Comments:



**Plants &
Goodwin** INC.

OIL & GAS FIELD SERVICES

PAUL R. PLANTS
STEPHEN D. PLANTS

1034 ROUTE 44 • SHINGLEHOUSE, PA 16748 • (814) 697-6330 • (814) 697-7515 FAX

PGI/HGO JOINT VENTURE
DRILLERS LOG
SHAYTOWN WELL #20

SPUD DATE: 8/19/08
COMPLETION DATE: 8/22/08
SURFACE CASING SET @: 500'
SURFACE CASING SIZE: 7"

DATE CENTRALIZERS RUN: 8/20/08
CENTRALIZERS SET @: 405', 311', 216'
AMOUNT OF CONDUCTOR: 22'
CEMENT RETURNS: 2 BBLS.
CONDUCTOR SIZE: 9 5/8"

0-10	RED ROCK
10-39	SHALE
39-74	RED ROCK
74-94	SHALE
94-160	RED ROCK
160-355	SHALE
355-370	RED ROCK
370-510	SHALE
510-635	SHALE
635-650	RED ROCK
650-924	SHALE
924-939	SAND (SMELL GAS)
939-1195	SHALE
1195-1215	SAND (SMELL GAS)
1215-1496	SHALE
1496-1571	SAND (SMELL GAS, DARK COLOR SAND)
1571-1618	SHALE
1618-1628	SAND (SMELL GAS)
1628-1878	SHALE
1878-1890	SAND (SMELL GAS)
1890-1908	SHALE
1908	T.D.

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Dept of Environmental Protection

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NORTHWEST REGIONAL OFFICE