



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS MANAGEMENT PROGRAM

DEP USE ONLY	
Site Id	Primary Facility Id
Client Id	Sub-facility Id

## WELL RECORD AND COMPLETION REPORT

Well Operator <b>PLANTS AND GOODWIN, INC.</b>	DEP ID# <b>87136</b>	Well API # (Permit / Reg) <b>37-105-21156-00</b>	Project Number	Acres
Address <b>1034 ROUTE 44</b>		Well Farm Name <b>LOT 93</b>	Well # <b>3</b>	Serial #
City <b>SHINGLEHOUSE</b>	State <b>PA</b>	Zip Code <b>16748</b>	County <b>POTTER</b>	Municipality <b>PLEASANT VALLEY</b>
Phone <b>814-697-6330</b>	Fax <b>814-697-7515</b>	USGS 7.5 min. quadrangle map		

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

### WELL RECORD Also complete 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 <b>11/1/05</b>	Date Drilling Completed <b>11/3/05</b>	Surface Elevation <b>2120 ft.</b>	Total Depth - Driller <b>2300 ft.</b>	Total Depth - Logger <b>2308 ft.</b>			
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	THREA	17	DRILL CUTTINGS	NONE	11/1/05
8 3/4	7	17	THREA	518	85 SKS CLASS A CEMENT	CENTRALI 8 3/4x7	486,381.215 11/1/05
6 1/4	3 1/2	9.5	THREA	734	NONE	PACKER 3 1/2x6 1/4	734 9/15/06

### COMPLETION REPORT

Perforation Record			Stimulation Record				
Date	Interval Perforated From To		Date	Interval Treated	Fluid Type Amount	Propping Agent Type Amount	Average Injection
SEE	ATTACHED	FRAC	REPORT				
<b>RECEIVED</b>							
<b>NOV 27 2006</b>							
<b>ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE</b>							
Natural Open Flow			Natural Rock Pressure		Hours Days		
			<b>10 mcf/day</b>		<b>420 psi</b> <b>5</b> Days		
After Treatment Open Flow			After Treatment Rock Pressure		Hours Days		
			<b>125 mcf/day</b>		<b>500</b> <b>1</b> Hours Days		

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

Name <b>SUPERIOR WELL SERVICES</b>	Name <b>PENN GOLD WELL SERVICES</b>	Name <b>APPALACHIAN WELL SERVICES</b>
Address <b>P.O. BOX 360469</b>	Address <b>P.O. BOX 485</b>	Address <b>P.O. BOX 636</b>
City - State - Zip <b>PITTSBURGH, PA 15251</b>	City - State - Zip <b>BRADFORD, PA 16701</b>	City - State - Zip <b>INDIANA, PA 15704</b>
Phone <b>724-248-1001</b>	Phone <b>814-368-7119</b>	Phone <b>724-354-4400</b>

**RECEIVED**



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# LOG OF FORMATIONS

Well API#:

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

Please delete empty rows if necessary to make all of page 2 fit on one page.

<p><b>Well Operator's Signature:</b>                    Title: V.P./TREAS.      Date: 10/20/06</p>	<p style="text-align: center; background-color: #cccccc;"><b>DEP USE ONLY</b></p> <p>Reviewed by:       Date: 11-21-06                  Comments: _____</p> <p style="text-align: right; font-weight: bold; font-size: small;">RECEIVED</p>
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**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

**PLANTS AND GOODWIN, INC.  
DRILLERS LOG  
LOT 93 WELL #3**

SPUD DATE: 11/01/05  
SURFACE CASING SET @: 518'  
SURFACE CASING SIZE: 7"  
CEMENT RETURNS: 1/2 BBL.

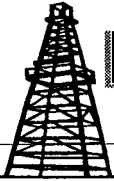
FINISH DATE: 11/03/05  
AMT. OF CONDUCTOR: 17'  
CONDUCTOR SIZE: 9 5/8"

0-6	ROCKS & DIRT
6-74	SHALE
74-162	RED ROCK
162-175	SANDSTONE
175-237	SHALE
237-284	SANDSTONE (FRESH WATER 5 GPM)
284-361	SHALE
361-417	SANDSTONE
417-650	SHALE
650-680	SAND
680-730	SHALE
730-740	SAND
740-895	SHALE
895-910	SAND
910-970	SHALE
970-995	SAND
995-1155	SHALE
1155-1270	SAND & SHALE
1270-1320	SHALE
1320-1340	SAND
1340-1480	SHALE
1480-1492	SAND (SHOW OF GAS)
1492-1594	SHALE
1594-1605	SAND (SHOW OF GAS)
1605-1800	SHALE
1800-1808	SAND (SHOW OF GAS)
1808-2056	SHALE
2056-2064	SAND
2064-2300	SHALE
2300	T.D.

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NORTHWEST REGIONAL OFFICE



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FRAC REPORT  
Well # - LOT 93 WELL #3

Depth (FT)	Breakdown (PSI)	20/40 Sand(sks)	Avg. Press. (PSI)	Ave. Rate (BPM)	ISIP (PSI)
729.5	1318	60	881	16	552
734.5	1111	60	1228	14.2	504
896.3	1423	60	1482	17.2	680
900.3	1650	60	1537	16.9	750
977.2	1588	60	1241	16.4	697
1170	2119	60	1208	15.5	760
1213.4	1447	60	2180	15.2	874
1321.4	2166	60	2002	18.1	909
1334.3	1943	60	1692	18.1	931
1479.4	1938	60	2204	18	997
1489.4	2075	60	1678	18.2	1094

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