



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 PLANTS AND GOODWIN, INC.		DEP ID# 87136	Well API # (Permit / Reg) 37-105-21158-00	Project Number	Acres
Address 1034 ROUTE 44			Well Farm Name LOT 93	Well # 2	Serial #
City SHINGLEHOUSE	State PA	Zip Code 16748	County POTTER	Municipality PLEASANT VALLEY	
Phone 814-697-6330	Fax 814-697-7515	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 11/4/05	Date Drilling Completed 11/8/05	Surface Elevation 2100 ft.	Total Depth - Driller 2304 ft.	Total Depth - Logger 2307 ft.		

Casing and Tubing

Cement returned on surface casing? Yes No
Cement returned on coal protective casing? Yes No 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	20.4	DRILL CUTTINGS	NONE	11/4/05
8 3/4	7	17	THREA	518	85 SKS CLASS A CEMENT	CENTRALI 8 3/4x7 486,390,294	11/4/05
6 1/4	3 1/2	9.5	THREA	636	NONE	PACKER 3 1/2x6 1/4 636	8/31/06

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				

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Natural Open Flow	8 MCF/DAY	Natural Rock Pressure	420 PSI	Hours	5 Days
After Treatment Open Flow	190 MCF/DAY	After Treatment Rock Pressure	500 PSI	1 Hours	Days

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

Name SUPERIOR WELL SERVICES	Name PENN GOLD WELL SERVICES	Name APPALACHIAN WELL SERVICES
Address P.O. BOX 360469	Address P.O. BOX 485	Address P.O. BOX 636
City - State - Zip PITTSBURGH, PA 15251	City - State - Zip BRADFORD, PA 16701	City - State - Zip INDIANA, PA 15701
Phone 724-248-1001	Phone 814-368-7119	Phone 724-354-4400

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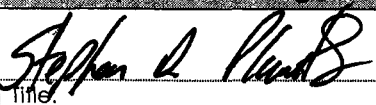
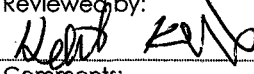
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LOG OF FORMATIONS

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.

Well Operator's Signature:	DEP USE ONLY
 Title: V.P./TREAS.	Reviewed by:  Date: 11-21-06 Comments: <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
Date: 11/6/06	Date: 11-21-06

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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 #2**

SPUD DATE: 11/04/05
SURFACE CASING SET @: 518'
SURFACE CASING SIZE: 7"
CEMENT RETURNS: 0 BBLs.

FINISH DATE: 11/08/05
AMT. OF CONDUCTOR: 20.45'
CONDUCTOR SIZE: 9 5/8"

0-8	ROCKS & DIRT
8-44	SHALE
44-163	RED ROCK
163-317	SHALE (FRESH WATER 5 GPM)
317-361	RED ROCK
361-626	SHALE
626-635	SAND
635-706	SHALE
706-713	SAND
713-906	SHALE
906-916	SAND (SMELL OF GAS)
916-1176	SHALE
1176-1198	SAND (SMELL OF GAS)
1198-1338	SHALE
1338-1348	SAND (SMELL OF GAS)
1348-1415	SHALE
1415-1430	SAND (SMELL OF GAS)
1430-1470	SHALE
1470-1485	SAND (SMELL OF GAS)
1485-1605	SHALE
1605-1630	SAND
1630-1672	SHALE
1672-1686	SAND (SMELL OF GAS)
1686-1732	SHALE
1732-1765	SAND (SMELL OF GAS)
1765-1807	SHALE
1807-1822	SAND (SMELL OF GAS)
1822-1877	SHALE
1877-1882	SAND

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LOT 93 WELL #2

DEPTH (FT)	BREAKDOWN (PSI)	20/40 SAND(SKS)	AVG.PRESS. (PSI)	AVE.RATE (BPM)	ISIP (PSI)
637.5	1503	60	732	18.5	410
641	830	60	781	8.7	474
665	1450	60	910	18.8	507
892	1302	60	1032	18.3	637
966	1502	60	1153	18.2	692
970	1538	60	1268	18.2	743
1149	1787	60	1269	18.2	793
1161	1465	60	1284	18.3	806
1323	1743	60	1518	18.7	883
1327	1885	60	2551	15.0	920
1351	2308	60	1691	18.7	974
1411	1764	60	1726	18.4	965
1470	1738	60	1673	18.3	978
1477	2261	60	1615	18.7	1009

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