

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

	DEP USE O	NLY	
Site ID		Prima	ry Fac ID
Client Id		Subfa	cility Id

Well Record and Completion Report

Well Operator Plants and Goodwin, Inc.				1	DEP ID# Well API # (Permit / Reg) Project Number 87136 37105-21436							Acres				
Address						Well Farm Name				Well# Serial			ł			
1034 Route 44 City State			7:- 0	Shaytown				18								
Shinglehouse PA				Zip Code County Municip 16748 Potter					ipality	oality Clara						
Phone Fax (814) 697-6330				USGS 7.5 min. quadrangle map Shinglehouse					+							
				☐ Origina	Compl	etion Report			nded W	ell Re	cord [7 Amer	nded Co	omnle	tion Report	
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 ☐ Gas ☐ Oil ☐				Combination Oil & Gas Injection												
Drilling Method ⊠ Rotary – Air □				Rotary	Rotary – Mud Cable Tool							<u> </u>				
Date Drilling Started Date Drilling Completed			Su	Surface Elevation Total Depth - Driller					O 14	Total Depth - Logger						
			Tubing	8/29/	Ceme	Cement returned on surface casing?					Yes	es 🗌 No			ft.	
Hole			Thread /	Amount in	1	Cement returned on coal protective casing									3 N/A	
Size	Pipe Size	Wt.	Weld	Well (ft)		Material Behind Pipe Type and Amount				acker / Hardware / Centra Type Size D				th	Date Run	
12 1/4	9 5/8	26	Thread	43		dri	Il cuttings									8-25-08
8 3/4	7	17	Thread	506		cement			centra	alizer	er 8 3/4x 7'		7" 316		8-26-08	
		,.							centralizer			8 3/4	lx 7 1			
																11. Mariana (1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 - 1864 -
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			-		COMP	LET	ION RE	:PC	ORT							
Perforation Record Stimulation Record																
Interval Perforated						Fluid P			Proppir				erage			
Date	Date From To		Date		nterval	Treated	Ту	ре	Amount		Type Amoun		unt I	t Injection Rate		
			T										•			
	N C	OT ST	IMULAT	ED				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
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										***************************************		<u>i+</u> IN-	1 1 7	009		
*** 6. Baba			,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			·····					Ē	HMIORING BAWHING	INTAL PI	ROTECT	ION	
Natural O	pen Flow	25 MC	CF			Natura	Rock				<u> </u>	JH I HWES	redio	nive Dr	IVE.	
After Treatment Open				Pressure 460 PS I After Treatment				Hours 5 [Days				
Flow Rock Pressure Hours Days																
Well Service Companies Provide the name, address, and phone number of all well service companies involved. Name Name																
Superior, Well Services					Name											
350 High St				dress					Address							
Bradford, PA 16701				ty - State – Zip			1	City - State – Zip								
Phone (814) 368-6228 Ph				none	one					Phone						

5500-FM-OG0004 Rev. 4/2009 **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.) **Bottom** Top Gas at Oil at Water at Formation Name or Type Source of Data (feet) (feet) (feet) (feet) (fresh / brine; ft.) SEE ATTACHED DRILLER'S LOG JUN 1 5 2009 MANSHELD CHRITICAL OFFICE Dept of Environmental Projection Well Operator's Signature **DEP USE ONLY** Reviewed by;

Comments:

Date:

June 05, 2009

Title: /

Vice Pres./Treas.



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 #18

SPUD DATE: 8/25/08 COMPLETION DATE: 8/29/08 SURFACE CASING SET @: 506' SURFACE CASING SIZE: 7"

DATE CENTRALIZERS RUN: 8/26/08 CENTRALIZERS SET @: 316', 126' AMOUNT OF CONDUCTOR: 43' CEMENT RETURNS: 0 BBLS. CONDUCTOR SIZE: 9 5/8"

0-25	RED ROCK *
25-53	SHALE
53-83	RED ROCK
83-213	SHALE
213-228	RED ROCK
228-1070	SHALE (FRESH WATER 5 GPM)
1070-1083	SAND (SMELL GAS)
1083-1370	SHALE
1370-1386	SAND (SMELL GAS)
1386-1580	SHALE
1580-1600	SAND (SMELL GAS, DARK COLOR)
1600-1850	SHALE
1850-1865	SAND (SMELL GAS, DARK CÖLOR)
1865-1908	SHALE
1908	T.D.

RECEIVED)

JUN 1 1 2009

ENVIRONMENTAL PROTECTION NORTHWEST REGIONAL OFFICE