



Company: PENNSYLVANIA GENERAL ENERGY CO., L.L.C.

Well: MARJORIE C. YANITY NO. 1025

Location: GRANT TWP.

County: INDIANA State: PENNSYLVANIA

Location: 40-45-00 S
Well: MARJORIE C. YANITY NO. 1025
Company: PENNSYLVANIA GENERAL ENERGY CO., L.L.C.

**GAMMA RAY / CCL
SET PACKER
CEMENT BOND LOG / GAMMA RAY / CCL**

40-45-00 S	Elev.:	K.B.	1632.00 ft
78-55-00 W		G.L.	1617.00 ft
		D.F.	1631.00 ft
Permanent Datum:	<u>GROUND LEVEL</u>	Elev.:	<u>1617.00 ft</u>
Log Measured From:	<u>GROUND LEVEL</u>		0.00 ft above Perm. Datum
Drilling Measured From:	<u>KELLY BUSHING</u>		
API Serial No. 037-063-31807	Section	Township GRAMT	SWPT 373

Logging Date	16-Apr-2013
Run Number	1
Depth Driller	7797 ft
Schlumberger Depth	7625 ft
Bottom Log Interval	7621 ft
Top Log Interval	5000 ft
Casing Fluid Type	FRESH WATER
Fluid Density	8.4 lbm/gal
Fluid Level	
BIT/CASING/TUBING STRING	
Bit Size	8.000 In
Casing/Tubing Size	4.500 in
Weight	11.6 lbm/ft
Grade	
From	
To	
Maximum Recorded Temperatures	171 degF
Logger On Bottom	Time
Unit Number	Location
Recorded By	DOBAY
Witnessed By	ZACH FIDURKO

	Run 1	Run 2	Run 3
PVT DATA			
Oil Density			
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	4 deg		
CEMENTING DATA			
Primary/Squeeze	Primary		
Casing String No			
Lead Cement Type			
Volume			
Density			
Water Loss			
Additives			
Tail Cement Type			
Volume			
Density			
Water Loss			
Additives			
Expected Cement Top			
Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Fluid Type			
Salinity			
Density			
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size			
From			
To			
Casing/Tubing Size			
Weight			
Grade			
From			
To			
Maximum Recorded Temperatures			
Logger On Bottom	Time		
Unit Number	Location		
Recorded By			
Witnessed By			