



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 NORTH COAST ENERGY, INC.		DEP ID# 48277	Well API # (Permit / Reg) 105-21368	Project Number	Acres 3300+-
Address ONE GOJO PLAZA, SUITE 325			Well Farm Name CLARA FIELD	Well # 16	Serial #
City AKRON	State OH	Zip Code 44311	County POTTER	Municipality PLEASANT VALLEY	
Phone (330) 572 - 8500	Fax (330) 252 - 0199	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 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 6/27/2008	Date Drilling Completed 7/1/2008	Surface Elevation 2312 ft.	Total Depth - Driller 2300 ft.	Total Depth - Logger NA 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	T	23	SANDED IN		6/27/2008
8 7/8	7	17	T	506	110 SX 50/50 POZ	SHOE 7 506	6/30/2008
						CENT 7 410,315	6/30/2008
						CENT 7 220	6/30/2008
6 1/4	1 1/2	2.75	T	1913.6	HUNG		9/5/2008

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 STIMULATION RECORD			

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Natural Open Flow	SHOW GAS	Natural Rock Pressure	NT	Hours	Days
After Treatment Open Flow	500 MAF	After Treatment Rock Pressure	270	72 Hours	Days

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

Name PLANTS & GOODWIN INC	Name SUPERIOR WELL SERVICES	Name
Address 1034 ROUTE 44	Address 346 HIGH ST	Address
City - State - Zip SHINGLEHOUSE, PA 16748	City - State - Zip BRADFORD, PA 16701	City - State - Zip
Phone (814)697-6330	Phone (814)368-3137	Phone

CLARA FIELD 16
105-21368

COMPLETION REPORT									
PERFORATION RECORD			STIMULATION RECORD						
DATE	PERFORATED		DATE	INTERVAL TREATED	FLUID		PROPPING AGENT		AVERAGE INJECTION
	FROM	TO			TYPE	AMOUNT	TYPE	AMOUNT	
9/1/2008	1007	1007	9/4/2008	1007	WATER	5364 G	SAND	63 SX	20.1
9/1/2008	1253	1253	9/4/2008	1253	WATER	3710 G	SAND	60 SX	19.6
9/1/2008	1448.5	1448.5	9/4/2008	1448.5	WATER	6015 G	SAND	70 SX	20.2
9/1/2008	1488	1488	9/4/2008	1488	WATER	4156 G	SAND	50 SX	20.1
9/1/2008	1494.5	1494.5	9/4/2008	1494.5	WATER	4410 G	SAND	60 SX	20.2
9/1/2008	1592.5	1592.5	9/4/2008	1592.5	WATER	4506 G	SAND	55 SX	17.7
9/1/2008	1596.5	1596.5	9/4/2008	1596.5	WATER	6214 G	SAND	75 SX	20.1
9/1/2008	1600.5	1600.5	9/4/2008	1600.5	WATER	6008 G	SAND	60 SX	18.7
9/1/2008	1606.5	1606.5	9/4/2008	1606.5	WATER	7404 G	SAND	75 SX	16.6
9/1/2008	1611.5	1611.5	9/4/2008	1611.5	WATER	4740 G	SAND	50 SX	16.3
9/1/2008	1727.5	1727.5	9/4/2008	1727.5	WATER	3708 G	SAND	50 SX	19.4
9/1/2008	1821.5	1821.5	9/4/2008	1821.5	NOT TREATED				
9/1/2008	1920	1920	9/4/2008	1920	NOT TREATED				
9/1/2008	2086	2086	9/4/2008	2086	NOT TREATED				

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LOG OF FORMATIONS

Well API#: **105-21368**

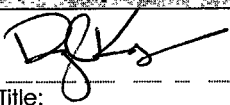
Formation Name or Type	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
RED ROCK	0	67				DRILLER LOG
SHALE	67	102				"
RED ROCK	102	107				"
SHALE	107	122				"
RED ROCK	122	137				"
SHALE	137	187				"
RED ROCK	187	227				"
SHALE	227	252				"
RED ROCK	252	292				"
SHALE	292	312				"
RED ROCK	312	317				"
SHALE	317	387				"
RED ROCK	387	417				"
SHALE	417	497				"
RED ROCK	497	501				"
SHALE	501	563				"
RED ROCK	563	573				"
SHALE	573	895				"
RED ROCK	895	900				"
SHALE	900	1167				"
SAND	1167	1172	1170'			"
SHALE	1172	1227				"
RED ROCK	1227	1237				"
SHALE	1237	1500				"
SAND	1500	1520	1510'			"
SHALE	1520	1679				"
SAND	1679	1700	1685'			"
SHALE	1700	1739				"
SAND	1739	1759	1745'			"
SHALE	1759	1814				"
SAND	1814	1829	1820'			"
SHALE	1829	1949				"
BROWN SAND	1949	1979	1955'			"
SHALE	1979	2129				"
SAND	2129	2149	2135'			"
SHALE	2149	2300				"
DTD		2300				"

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

Well Operator's Signature: 		DEP USE ONLY	
Title: SR GEOLOGIST		Date: 10/15/2008	Reviewed by: _____ Date: _____
Comments:			