



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) 105-21365	Project Number	Acres 3300+-
Address ONE GOJO PLAZA, SUITE 325		Well Farm Name CLARA FIELD	Well # 13	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 6/19/2008	Date Drilling Completed 6/25/2008	Surface Elevation 2069 ft.	Total Depth - Driller 2000 ft.	Total Depth - Logger NA 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	T	23.4	SANDED IN				6/19/2008
8 7/8	7	17	T	506	110 SX 50/50 POZ	SHOE	7	506	6/20/2008
						CENT	7	411,316	6/20/2008
						CENT	7	222	6/20/2008
6 1/4	3 1/2	9	T	742	ON PACKER	PACKER	3 1/2	742	9/15/2008

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	1100 MAF	After Treatment Rock Pressure	590	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 13
105-21365

COMPLETION REPORT									
PERFORATION RECORD			STIMULATION RECORD						
DATE	PERFORATED		DATE	INTERVAL TREATED	FLUID		PROPPING AGENT		AVERAGE INJECTION
	FROM	TO			TYPE	AMOUNT	TYPE	AMOUNT	
9/12/2008	755.5	755.5	9/15/2008	755.5	WATER	4350 G	SAND	50 SX	19.6
9/12/2008	786.5	786.5	9/15/2008	786.5	WATER	4350 G	SAND	50 SX	19.3
9/12/2008	1001.5	1001.5	9/15/2008	1001.5	WATER	4350 G	SAND	50 SX	19.2
9/12/2008	1080	1080	9/15/2008	1080	WATER	4350 G	SAND	50 SX	19.2
9/12/2008	1152.5	1152.5	9/15/2008	1152.5	WATER	5080 G	SAND	60 SX	17.7
9/12/2008	1156.5	1156.5	9/15/2008	1156.5	WATER	5080 G	SAND	60 SX	18.7
9/12/2008	1195	1195	9/15/2008	1195	WATER	6106 G	SAND	70 SX	16.4
9/12/2008	1199	1199	9/15/2008	1199	WATER	6106 G	SAND	70 SX	19.3
9/12/2008	1238	1238	9/15/2008	1238	WATER	4611 G	SAND	50 SX	19.4
9/12/2008	1342	1342	9/15/2008	1342	WATER	6823 G	SAND	80 SX	18.0
9/12/2008	1346	1346	9/15/2008	1346	WATER	6823 G	SAND	80 SX	17.3
9/12/2008	1350	1350	9/15/2008	1350	WATER	6106 G	SAND	70 SX	3.2
9/12/2008	1354	1354	9/15/2008	1354	WATER	6106 G	SAND	70 SX	14.0
9/12/2008	1358	1358	9/15/2008	1358	NOT TREATED				
9/12/2008	1362	1362	9/15/2008	1362	NOT TREATED				

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LOG OF FORMATIONS

Well API#: **105-21365**

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	15				DRILLER LOG
SHALE	15	23				"
SANDSTONE	23	62				"
RED ROCK	62	77			1" F 65'	"
SHALE	77	117				"
RED ROCK	117	147				"
SHALE	147	512			2" F 155'	"
SHALE	512	666				"
RED ROCK	666	681				"
SHALE	681	1255				"
BROWN SANDSTONE	1255	1280	1260'			"
SHALE	1280	1361				"
SAND	1361	1420	1375'			"
SHALE	1420	1497				"
SAND	1497	1527	1505'			"
SHALE	1527	1617				"
SAND	1617	1647	1625'			"
SHALE	1647	1739				"
SAND	1739	1769	1745'			"
SHALE	1769	1930				"
SAND	1930	1940	1935'			"
SHALE	1940	2000				"
DTD		2000				"

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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	
		Reviewed by:	Date:
Title: SR GEOLOGIST		Date: 10/13/2008	 Comments: <div style="text-align: right; font-size: 1.5em;">9-14-09</div>