



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

WAS SEP 27 05

DEP USE ONLY	
Site Id	Primary Facility Id
Client Id	Sub-facility Id

WELL RECORD AND COMPLETION REPORT

Well Operator GUARDIAN EXPLORATION, LLC		DEP ID# 237396	Well API # (Permit / Reg) 37-105-21124-00	Project Number	Acres
Address P.O. BOX 225			Well Farm Name REYNOLDS	Well # RX101	Serial #
City HUNT	State TX	Zip Code 78024	County POTTER	Municipality PLEASANT VALLEY	
Phone 830-377-3488	Fax	USGS 7.5 min. quadrangle map SHINGLEHOUSE			
Check all that apply: <input checked="" type="checkbox"/> Original Well Record <input checked="" type="checkbox"/> Original Completion Report <input type="checkbox"/> Amended Well Record <input type="checkbox"/> 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 5-17-05	Date Drilling Completed 5-20-05	Surface Elevation 2360 ft.	Total Depth - Driller 2300 ft.	Total Depth - Logger 2300 ft.			
Casing and Tubing		Cement returned on surface casing? <input type="checkbox"/> Yes <input checked="" 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	36	THREA	32.4	DRILL CUTTINGS		
8 3/4	7	17	THREA	518	85 SKS. CLASS A CEMENT	CENTRALI 7x8 3/4	485,355, 325,95 5-18-05

COMPLETION REPORT

Perforation Record			Stimulation Record						
Date	Interval Perforated From	To	Date	Interval Treated	Fluid Type	Amount	Propping Agent Type	Amount	Average Injection
				SEE FRAC REPORT					
Natural Open Flow	28 MCF/DAY		Natural Rock Pressure	280 PSI		Hours		3 Days	
After Treatment Open Flow	140 MCF/DAY		After Treatment Rock Pressure	540 PSI		Hours		1 Days	

RECEIVED
SEP 23 2005

ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

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

Name SUPERIOR WELL SERVICES	Name	Name
Address P.O. BOX 482	Address	Address
City - State - Zip BRADFORD, PA 16701	City - State - Zip	City - State - Zip
Phone 814-368-6228	Phone	Phone

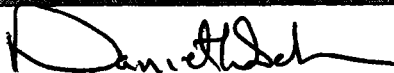
LOG OF FORMATIONS

Well API#:

Formation Name or Type	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
ATTACH DRILLERS LOG						

RECEIVED
 SEP 23 2005
 ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE

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

		DEP USE ONLY	
		Reviewed by: <i>David Ford - oil & gas inspector</i>	Date: <i>10-24-05</i>
Title: <i>President</i>	Date: <i>9-19-05</i>	Comments:	

PLANTS AND GOODWIN, INC.

OIL & GAS FIELD SERVICES

1034 Route 44

SHINGLEHOUSE, PA 16748

PAUL R. PLANTS
STEPHEN D. PLANTS

GUARDIAN EXPLORATION, LLC
DRILLERS LOG
WELL #RX-101

TELEPHONE
(814) 697-6330
FAX
(814) 697-7515

SPUD DATE: 5/17/05
COMPLETION DATE: 5/20/05
SIZE OF CONDUCTOR: 9 5/8"
LENGTH OF CONDUCTOR: 32.4'

CASING SIZE: 7"
AMOUNT OF CASING: 518'
CEMENT RETURNS: 0 BBLs.
7" X 8 3/4" CENTRALIZERS SET:
485', 355', 325', 95'

0-4	ROCKS & DIRT
4-42	SHALE
42-104	SANDSTONE
104-141	RED ROCK
141-160	SHALE
160-210	RED ROCK
210-247	SANDSTONE
247-376	RED ROCK
376-401	SANDSTONE (FRESH WATER 10 GPM)
401-462	SHALE
462-480	SANDSTONE
480-903	SHALE
903-914	SAND
914-1152	SHALE
1152-1157	SAND
1157-1385	SHALE
1385-1396	SAND
1396-1524	SHALE
1524-1540	SAND
1540-1668	SHALE
1668-1679	SAND
1679-1732	SHALE
1732-1752	SAND
1752-1807	SHALE
1807-1820	SAND
1820-1922	SHALE
1922-1928	SAND
1928-2016	SHALE
2016-2025	SAND
2025-2099	SHALE
2099-2106	SAND
2106-2300	SHALE
2300	T.D.

RECEIVED
SEP 23 2005
ENVIRONMENTAL PROTECTION
NORTHWEST REGIONAL OFFICE

SUPERIOR WELL SERVICES
 PO BOX 458
 BLACK LICK, PA 15716
 724-248-1001 TELEPHONE
 724-248-1005 FACIMILE
 superiorwells.com

***** CUSTOMER & WELL INFORMATION *****

2469 06/08/2005
 GUARDIAN EX #RX 101
 PLORATION
 PENNSYLVANIA POTTER COUNTY
 BRUCE MCCORMICK
 3-1/2;DP; D;13.30# - NONE -

***** TREATMENT SUMMARY *****

Finish	Formation	Top Interval	Low Interval	Treatment	Flush	
STAGE: 1	08:09:44 AM VENANGO SAND	915 FEET	90 SKS	5400 GAL	834 GAL	
STAGE: 2	08:52:11 AM VENANGO SAND	1003.5 FEET	70 SKS	4200 GAL	866 GAL	
STAGE: 3	07:59:50 AM VENANGO SAND	1388.5 FEET	110 SKS	6300 GAL	1007 GAL	
STAGE: 4	08:28:32 AM BRADFORD 1ST	1392.5 FEET	120 SKS	6800 GAL	1009 GAL	
STAGE: 5	09:01:12 AM BRADFORD 1ST	1479.5 FEET	50 SKS	3300 GAL	1025 GAL	
STAGE: 6	09:25:01 AM KINZUA	1479.5 FEET	70 SKS	4400 GAL	1080 GAL	
STAGE: 7	10:03:25 AM CHIPMUNK SAND	1586 FEET	110 SKS	6300 GAL	1079 GAL	
STAGE: 8	10:19:34 AM CHIPMUNK SAND	1590 FEET	SKS	5800 GAL	1081 GAL	
STAGE: 9	10:54:40 AM CHIPMUNK SAND	1594 FEET	80 SKS	4500 GAL	1082 GAL	
STAGE: 10	11:58:49 AM CHIPMUNK SAND	1600/1604 FEET	150 SKS	9500 GAL	1084 GAL	
STAGE: 12	12:30:40 PM CHIPMUNK SAND	1627 FEET	70 SKS	5000 GAL	1094 GAL	
STAGE: 13	12:57:42 PM CHIPMUNK SAND	1631 FEET	100 SKS	6500 GAL	1096 GAL	
STAGE: 14	02:13:44 PM HARRISBURG RUN	1817.5 FEET	100 SKS	6500 GAL	1184 GAL	
STAGE: 15	03:07:43 PM HARRISBURG RUN	1924.5 FEET	90 SKS	6100 GAL	1203 GAL	
STAGE: 16	03:31:31 PM HARRISBURG RUN	1928.5 FEET	70 SKS	5500 GAL	1204 GAL	
STAGE: 17	03:53:25 PM HARRISBURG RUN	1942 FEET	60 SKS	4000 GAL	1209 GAL	
STAGE: 18	04:18:33 PM HARRISBURG RUN	1948 FEET	60 SKS	4000 GAL	1211 GAL	
STAGE: 19	05:10:17 PM BRADFORD 3RD	2008 FEET	90 SKS	6500 GAL	1233 GAL	
STAGE: 21	05:52:33 PM LEWIS RUN	2101.5 FEET	SKS	6500 GAL	1267 GAL	

RECEIVED

SEP 23 2005

ENVIRONMENTAL PROTECTION
 NORTHWEST REGIONAL OFFICE