

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

480,480	DEP USE ONLY
Site Id	Primary Facility Id
Client Id	Sub-facility Id

## WELL RECORD AND COMPLETION REPORT

Well Ope	erator dian Explor	ation, LI	С			1D# 37396	Well API # (F 37-105	ermit / Reg) -21149-0		ct Number		-	Acres	
Address PO Box 225					Well Farm Name REYNOLDS					Well # Serial # RX201				
City State					Zip Code County			***************************************	Municipality					
Hunt TX Phone Fax					X	78024	- man	Pleasant Valley						
	-367-602	2			367-6	7-6066 USGS 7.5 min. quadrangle map								
Check all that apply: Soriginal Well Record						inal Comp	ied Well Re	ell Record Amended Completion Report						
	and the same			WE	LL F	RECO	RD Also	complete	Log of Fo	rmation	s on ba	ck (pa	ge 2)	
Wel	ІІ Туре	⊠ G	as 🗌	] Oil [	] Con	nbination	Oil & Gas		ection		orage		Dispo	
	g Method	⊠ Ro	otary – A			– Mud	☐ Cab	le Tool						
Date Dri	lling Started <b>5-11-06</b>		Date Drill	ing Complete <b>5-16-06</b>	d	Surface E	Depth - Drille <b>2500</b>							
	Casir	ng and	l Tubin	g	i	Cement returned on surface casing?  Yes No Cement returned on coal protective casing?  Yes No N/A								N/A
Hole	Pipe Size	Wt.	Thread	Amount i	<del></del>	Mater	ial Behind P	ipe	Packer	:ker / Hardware / Centralizers Da				Date
Size	·		/ Weld	Well (ft)			and Amou		Туре		Size	Der	oth	Run
12 1/4	9 5/8	36	THD.	31.6								5-11-06		
8 3/4	7	17	THD.	502.4		90 SKS. C	EMENT (CL	ASS A)	Centraliz	er 8 ¾	8 3/4 X 7 467 4		2,128	5-12-06
6 1/4	2 3/8	4.6	THD.	1755			NONE	<u> </u>					7-7-06	
				······			uasald)aanaasaa, waxaanaanaa aa ahaana				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
				- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-		Western (1884) Herberger (1884) - 1884		***************************************				······································		
								i i vasi (i						
	Parforati	ion Da			UU	MPLE	TION R							
	Perforati		erforated			Stimulation Fluid				Propping Agent			Av	erage
Date From To Date				ate 	e Interval Treated Type Am								ection	
							SEE	C	, , , , , , , , , , , , , , , , , , , ,					
						F	RAC HE	CEIVED	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	REC	EIVEI	<b>)</b>	. 3'	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			***************************************		, <u></u> ,	RE	PORT	2 7 2007	7	Lau -				
									**************************************	<b>N</b> OV 2				
					J		ENVIRONME NORTHWEST	HTAL PROTE	CTION	ONMENT	i PROTI	CUON		
Nakaal	0						NUNINWEST	NEUIUNAL	PERMORTE	iwest re	GIONAL	OFFICE		
Natural Open Flow N/A				··········	Natural Rock Pressure 220 PSI				24 Hours			Da	ys	
After Treatment Open Flow N/A						After Treatment Rock Pressure 520 PSI				24 Hours Days				ys
Well Service Companies Provide the name, address, and phone number of all well service companies involved.								<u> </u>						
Superior Well Services						Dallas-Morris Drilling, Inc.				Name DECENIES				
P.O. Box 482				29 (	Address 29 Morris Lane				Address RECEIVED					
Bradford, PA 16701				Bra	City - State - Zip Bradford, PA 16701				City - State - Zip  Phone  NOV 1 2006					
					814	Phone 814-362-6493				Phone 1404 11 1 2000				

•		LOG OF	FORMA	TIONS	Well A	PI#: 37-105-21149-00
Formation Name or Type	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
EE ATTACHED RILLERS LOG						
					1	
			7		***************************************	
			,			
		***************************************	-			
			-			
			Million - proprietation			
			uitementelleritti			
		***************************************				
		attendam, manuscripteris	The state of the s			
		***************************************				
				***************************************		
			PE	EIVED	·	
		anal between the control of the cont		LIVLD	RE	CEIVED
		***************************************	JUN	2 7 20 <b>07</b>		
		NAMES CONTINUES OF THE PERSON	ENVIRONME NORTHWEST	NTAL PROTECT REGIONAL OF	FICF	0 1 2006
Plana	doloto omn	ht rows if noo		oko all of no	ENVIRONM NORTHWES ge 2 fit on one pa	ENTAL PROTECTION T REGIONAL OFFICE
Well Operator's Signatu	ire:	ny rows ii riec	ossary to illa	ane all UI pa	DEP USE	ONLY
1. 412.		the continues of the co	Rev L	iewed by:	M	Date: 11-21-06
ifle: President	Date	: /p-30-		nments:		



PAUL R. PLANTS STEPHEN D. PLANTS

1034 ROUTE 44 • SHINGLEHOUSE, PA 16748 • (814) 697-6330 • (814) 697-7515 FAX

### **GUARDIAN EXPLORATION, LLC DRILLERS LOG** WELL #RX-201

SPUD DATE: 05/11/06

**COMPLETION DATE: 05/16/06** SIZE OF CONDUCTOR: 9 5/8"

AMOUNT OF CONDUCTOR: 31.6'

CASING SIZE: 7"

SURFACE CASING SET @: 502.4'

**CEMENT RETURNS: 5 BBLS.** 

DATE CENTRALIZERS RUN: 5/12/06 CENTRALIZERS SET @: 467'; 402'; 128'

0-15 ROCKS & DIRT (FRESH WATER 5 GPM) 15-127 RED ROCK 127-347 SHALE (FRESH WATER 10 GPM) 347-441 RED ROCK 441-796 SHALE 796-826 SAND 826-888 SHALE 888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE 2500 T.D.		•
127-347 SHALE (FRESH WATER 10 GPM) 347-441 RED ROCK 441-796 SHALE 796-826 SAND 826-888 SHALE 888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	0-15	ROCKS & DIRT (FRESH WATER 5 GPM)
347-441 RED ROCK 441-796 SHALE 796-826 SAND 826-888 SHALE 888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	15-127	RED ROCK
441-796 SHALE 796-826 SAND 826-888 SHALE 888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	127-347	SHALE (FRESH WATER 10 GPM)
796-826 SAND 826-888 SHALE 888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	347-441	RED ROCK
826-888 SHALE 888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	441-796	SHALE
888-918 SAND 918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	796-826	SAND
918-1068 SHALE 1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	826-888	SHALE
1068-1188 SAND 1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	888-918	SAND
1188-1400 SHALE 1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	918-1068	SHALE
1400-1460 SAND (SMELL OF GAS) 1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	1068-1188	SAND
1460-1552 SHALE 1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	1188-1400	SHALE
1552-1732 SAND (SMELL OF GAS) 1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	1400-1460	SAND (SMELL OF GAS)
1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	1460-1552	SHALE
1732-1984 SHALE 1984-2014 SAND 2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	1552-1732	SAND (SMELL OF GAS)
2014-2064 SHALE 2064-2094 SAND 2094-2500 SHALE	1732-1984	
2064-2094 SAND 2094-2500 SHALE	1984-2014	SAND
2094-2500 SHALE	2014-2064	SHALE
	2064-2094	SAND
2500 T.D.	2094-2500	SHALE
	2500	T.D.

RECEIVED

JUN 27 2007

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

### 

4321

07/07/2006

**GUARDIEN** 

**REYNOLDS-RX#201** 

**EXPLORATION** 

**PENNSYLVANIA** 

**POTTER COUNTY** 

**TROY ROULO** 

3-1/2;NPT;J-55; 9.20# - NONE -

*****	****	****	*** TREA	TMENT	SUMMAI	RY ************
Finish	Formation	Top Interval	Low interval	Treatment	Flush	
STAGE: 1	05:09:47 AM	WARREN 2ND	902 FEET	50 SKS	3550 GAL	800 GAL
STAGE: 2	05:37:27 AM	BRADFORD 1ST	1060 FEET	50 SKS	3550 GAL -	800 GAL
STAGE: 3	06:14:33 AM	CHIPMUNK SAND	1253.5 FEET	80 SKS	5050 GAL	800 GAL
STAGE: 4	06:36:27 AM	CHIPMUNK SAND	1257.5 FEET	60 SKS	4050 GAL	900 GAL
STAGE: 5	06:54:14 AM	CHIPMUNK SAND	1262 FEET	70 SKS	4550 GAL	900 GAL
STAGE: 6	07:16:21 AM	CHIPMUNK SAND	1266 FEET	80 SKS	5050 GAL	900 GAL
STAGE: 7	07:38:07 AM	CHIPMUNK SAND	1270.5 FEET	90 SKS	5550 GAL	900 GAL
STAGE: 8	08:22:07 AM	HARRISBUR G-RUN	1591 FEET	80 SKS	5050 GAL	1000 GAL
STAGE: 9	09:25:11 AM	BRADFORD #3	1639 FEET	70 SKS	4550 GAL	1000 GAL
STAGE: 10	09:56:33 AM	LEWISRUN	1748 FEET	80 SKS	5050 GAL	1000 GAL

RECEIVED

JUN 2 7 2007