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DATE: 45/02 API#: 47-061-0140

State of West Virginia Department of Environmental Protection Office of Oil and Gas

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Well Operator's Report of Well Work

Farm Name: Consolidation Coal Company		Operator we	ell No.: St. Led	CDM No. L-2
LOCATION: Elevation: 1216.24'		Quadrangle:	Hundred	
District: Battelle		County: N	/Ionongalia	
Latitude: 11094.89' Feet South of	39	Deg. 40	Min. 00	Sec.
Longitude: 463.48' Feet West of		Deg. 22	Min. 30	Sec.
				·
Company: CNX Gas Company, LLC (North)			1	1
	Casing &	Used In	Left In Well	Cement Fill
	Tubing	Drilling		Up Cu. Ft.
Address: 1800 Washington Road	11 3/4"	30′	30′	GRTD
Pittsburgh, PA 15241	8 5/8"	633.30′	633.30′	208
Agent: Edwin L. Merrifield	5 1/2"	2071.90′	2071.90′	432
Inspector: Randal Mick				
Date Permit Issued: 7/3/01				
Date Well Work Commenced: 8/6/01		,		
Date Well Work Completed: 10/9/01			_	<u></u>
Verbal Plugging: N/A				
Date Permission granted on:			Office Committee	
Rotary Cable Rig			Perof	0 PED
Total Depth (feet): 2125'			111	C Go
Fresh Water Depth (ft.): 125'		 	30/1/	
Flesh Water Depth (it.). 123		E	m. 32	000
Salt Water Depth (ft.): N/A			Will 19 2	1/2
Salt Water Depth (ft.): N/A			nental nen	
Y III ' WAR AND NO			Wy Department of State of Stat	+ /
Is coal being mined in area (N/Y)? No Coal Depths (ft.): 563, 698, 960, 1515, 1860, 1892, 1	930		1 904	(h)
Coal Depths (IL.): 303, 636, 300, 1313, 1600, 1832, 1	750			
OPEN FLOW DATA REFER TO AT	TACHMEN	TS B & C		
OPEN FLOW DATA REFER TO AT		TS B & C e depth (ft)		
OPEN FLOW DATA REFER TO AT Producing formation		e depth (ft)	Bbl/c	1
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ATTACHMENT A (continued)

St. Leo CBM No. L-2 Drill Log

Depth (In Feet)	Description
1520-1570	Sand (Gray)
1570-1675	Sand (White)
1675-1860	Sand (Gray)
1860-1866	Coal
1866-1892	Sand (Gray)
1892-1895	Coal
1895-1930	Sand (Gray)
1930-1942	Coal/Shale
1942-2125 (TD)	Shale



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ATTACHMENT A St. Leo CBM No. L-2 Drill Log

Depth (In Feet)	Description
0-30	Тор
30-80	Red Rock
80-115	Sand (Gray)
115-130	Red Rock
130-170	Sand (Gray)
170-185	Red Rock
185-210	Sand (Gray)
210-240	Sand (White)
240-420	Sand (Gray)
420-563	Shale (Gray)
563-565	Coal
565-698	Shale (Gray)
698-701	Coal
701-770	Sand (Gray)
770-805	Sand (Gray)
805-840	Sand/Shale
840-850	Red Rock
850-960	Shale (Gray)
960-965	Coal
965-1195	Shale (Gray)
1195-1250	Sand (Gray)
1250-1340	Red Rock
1340-1515	Sand (Gray)
1515-1520	Coal

ATTACHMENT C

St. Leo CBM WELL No. L-2 Perforations

Permittee:

CNX Gas Company, LLC (North)

API Permit No.:

47-061-01403

Company Well No.:

St. Leo CBM Well No. L-2

Total Coal Thickness:

24.8 ft.

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Formation	Top of Coal	Bottom of Coal	Coal Thickness	Actual Perfs
Upper Mercer 276	1964.2	1964.9	0.7	1964-1965
Brookville N36	1930.2	1931.7	1.5	1930-1932
Coal	1891.2	1892.0	0.8	1890.5-1891.5
Lower Kittanning 261	1861.5	1862.6	1.1	1861-1863

Total Coal

4.1

STAGE 2

Lower Freeport 256	1728.1	1728.6	0.5	1727.5-1728.5
Upper Freeport 251	1674.0	1676.2	2.2	1674-1676
Brush Creek 120	1518.0	1519.2	1.2	1518-1519.5
Bakerstown	1411.9	1414.0	2.1	1412-1414

Total Coal

6.0

STAGE 3

3	Pittsburgh 229	1047.1	1054.9	7.8	1048-1054
	Pittsbugh Rider	1044.8	1046.0	1.2	1044.8-1046

Total Coal

9.0

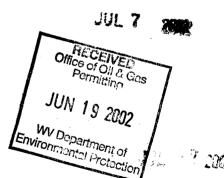
STAGE 4

Sewickley	223	951.1	955.2	4.1	951-955
Redstone	226	1015.6	1017.2	1.6	1015.5-1017

Total Coal

5.7

- ** Perf with 4" guns, 4 Jet Shots per Foot, 120 degree Phasing
- ** Isolate stages with FasDrill Frac Plugs



ATTACHMENT B

St. Leo CBM Well No. L-2 Completion

Permittee: CNX Gas Company, LLC (North)

API Permit No.: 47-061-01403

Company Well No.: St. Leo CBM Well No. L-2

Completion Date: 10/09/2001

Total Depth: 2125

Coals	Zone 1 Mercer, Brookville, Coal, and Kittanning	Zone 2 Freeport, Brush Creek, and Bakerstown	Zone 3 Pittsburgh	Zone 4 Sewickley and Redstone
Treatment				
Nitrogen (MSCF)	0	0	0	0
Water (BBLS)	261	222	337	195
Sand (SXS 20/40	300	100	615	350
and 12/20)				
Top Perf	1861	1412	1050	952
Bottom Perf.	1965	1728	1056	1019
# Perfs	24	26	24	22
Perf Size	0.45	0.45	0.45	0.45
Break. Press.	3469	1960	App 2750	3070
Avg. Rate	12.2	13.8	19.3	18.6
ISIP	2692	3298	3257	3333
Min	5	5	5	5
Min Press.	2138	1835	2716	2786
Avg. Press.	3616	3526	3073	3302
Stimulated	Yes	Yes	Yes	Yes
Stim. Date(s)	8/22/01 and	8/22/01 and	8/22/01 and	8/22/01 and
	09/05/01	09/05/01	09/05/01	09/05/01

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