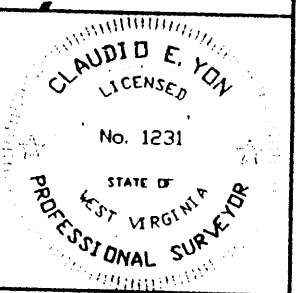


NOTES: 1. NO KNOWN DOMESTIC WATER SUPPLIES EXIST WITHIN 2000 FT. REFER TO FORM WW2-B1 FOR ADDITIONAL INFORMATION.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC

FILE NO. B01-015-176
 DRAWING NO. B01-015-A10
 SCALE 1" : 500'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION USC&G MONUMENT
 STATION NAME BURTON

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.
 (SIGNED) Claudio E. Yon
 P.S. _____ No. 1231



WVDEP
 OFFICE OF OIL AND GAS DIVISION
 1356 HANSFORD ST.
 CHARLESTON, WV 25301



DATE APRIL 03, 2001
 OPERATOR'S WELL NO. L-4
 API WELL NO.

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1237.45 WATERSHED SOUTH FORK OF WEST VIRGINIA FORK OF DUNKARD CREEK
 DISTRICT BATTELLE QUADRANGLE HUNDRED COUNTY MONONGALIA
 SURFACE OWNER CONSOLIDATION COAL COMPANY ACREAGE 613±
 OIL & GAS ROYALTY OWNER (CBM) CONSOLIDATION COAL CO. LEASE ACREAGE _____
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE _____
 IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION MONONGAHELA, CONEMAUGH, ALLEGHENY & POTTSVILLE
 ESTIMATED DEPTH 2123'

WELL OPERATOR CONSOL ENERGY, INC (NORTH)
 ADDRESS 1800 WASHINGTON ROAD
PITTSBURGH, PA 15421-1421

DESIGNATED AGENT EDWIN L. MERRIFIELD
 ADDRESS 116 1/2 HUNSAKER STREET
FAIRMONT, WV 26554

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

Reviewed _____

Well Operator's Report of Well Work

Farm Name: Consolidation Coal Company Operator Well No.: St. Leo CBM No. L-4

Location: Elevation: 1236.65 Quadrangle: Hundred

District: Battelle County: Monongalia

Latitude: 9183.27' Feet South of 39 Deg. 40 Min. 00 Sec.

Longitude: 3048.58 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: Consol Energy, Inc. (North)

	Casing & Tubing	Used In Drilling	Left In Well	Cement Fill Up Cu. Ft.
Address: 1800 Washington Road	11 3/4"	30'	30'	GRTD
Pittsburgh, PA 15241	8 5/8"	683.90'	683.90'	212
Agent: Edwin L. Merrifield	5 1/2"	2194.00'	2194.00'	431
Inspector: Randal Mick				
Date Permit Issued: 4/26/01				
Date Well Work Commenced: 5/11/01				
Date Well Work Completed: 6/18/01				
Verbal Plugging: N/A				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 2260				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 624, 697, 968, 1030, 1415, 1698, 1865 and 2110				

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 Environmental Protection

OPEN FLOW DATA REFER TO ATTACHMENTS B & C

Producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1) DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.; 2) THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE. **REFER TO ATTACHMENTS A, B & C**

Signed: *Geoffrey Lanning*
 By: *D. Hill Foreman*
 Date: 8/14/01

AUG 24 2001

MONO 1406

ATTACHMENT A

St. Leo CBM No. L-4 Drill Log

Depth	Description
0-30	Top
30-624	Sand/Shale
624-626	Coal
643-697	Sand/Shale
697-699	Coal (Waynesburg)
699-968	Sand/Shale
968-970	Coal (Sewickely)
970-1030	Shale
1030-1035	Coal (Pittsburgh)
1035-1155	Sand/Shale
1155-1300	Blue Rock (Limestone)
1300-1415	Shale
1415-1417	Coal (Bakerstown)
1417-1698	Sand/Shale
1698-1700	Coal (Middle Kittanning)
1700-1865	Sand/Shale
1865-1867	Coal (Lower Kittanning)
1867-2110	Sand/Shale
2110-2113	Coal (Quakertown)
2113-2260 (TD)	Sand/Shale

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ATTACHMENT B

St. Leo CBM Well No. L-4 Completion

Permittee:	Consol Energy, Inc. (North)	RECEIVED Office of Oil & Gas Permitting AUG 21 2001 WV Department of Environmental Protection
API Permit No.:	47-061-01406	
Company Well No.:	CBM Well No. L-4	
Completion Date:	06/07/2001	
Total Depth:	2245	

	Zone 1	Zone 2	Zone 3	Zone 4
Coals	Kittanning Coals	Middle Freeport and Bakerstown	Pittsburgh	Redstone and Sewickley
Treatment				
Nitrogen (MSCF)	378	303	514	170
Water (BBLs)	216	138	241	134
Sand (SXS 16/30)	206	212	550	81
Top Perf.	1824	1338.5	1059	964
Bottom Perf.	1867.5	1702	1065	1030
# Perfs.	14	24	24	24
Perf Size	0.45	0.45	0.45	0.45
Break. Press.	3803	NA	842	2403
Avg. Rate	20	25	30	30
ISIP	Sanded Out	2659	2489	Sanded Out
Min	5	5	5	5
Min Press.	N/A	2027	2083	N/A
Avg. Press.	3571	3207	2578	2547
Stimulated	Yes	Yes	Yes	Yes
Stim. Date	05/30/2001	05/30/2001	06/07/2001	06/07/2001

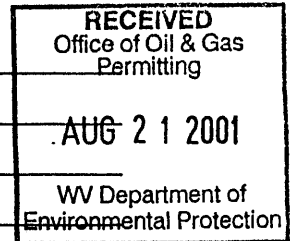
AUG 24 2001

MONO 14 00

ATTACHMENT C

St. Leo CBM Well No. L-4 Perforations

Permittee: Consol Energy, Inc. (North)
 API Permit No.: 47-061-01406
 Company Well No.: St. Leo CBM Well No. L-4
 Total Coal Thickness: 22.4 ft.



	Formation	Top of Coal	Bottom of Coal	Coal Thickness	Actual Perfs
STAGE 1	Lower Kittanning	1867.2	1867.8	0.6	1865.5-1867.5 1824.0-1825.5
	Lower Kittanning	1865.6	1866.9	1.3	
	Middle Kittanning	1824.5	1825.3	0.8	
Total Coal				2.7	

STAGE 2	Middle Freeport	1700	1702.4	2.4	1700-1702
	Coal	1523.5	1524.0	0.5	1523-1524.5
	Bakerstown	1416.2	1417.0	0.8	1416-1417.5
	Coal	1338.9	1339.2	0.3	1338.5-1339.5
Total Coal				4.0	

STAGE 3	Pittsburgh No. 8	1058.1	1065.5	7.4	1059-1065
	Pittsburgh Rider	1056.1	1057.0	0.9	**Not Perfed**
	Pittsburgh Rider	1052	1053.8	1.8	**Not Perfed**
Total Coal				10.1	

STAGE 4	Redstone 8-A	1028.2	1029.8	1.6	1028-1030
	Sewickley No. 9	964	968.0	4.0	964-968
Total Coal				5.6	

** Perf with 4" guns, 4 Jet Shots per Foot, 120 degree Phasing

** Isolate stages with FasDrill Frac Plugs