

STATIC GRADIENT REPORT

Prepared For: **CLX Energy**

518 17th Street #745
Denver, CO 80202

ATTN:

SW NW NE 21-32s18w

Acres #3

Perforation: 5050 to 5068 ft (CF) (TVD)

Formation: Pawnee

Start Date: 2000.07.26 @ 15:03:35

End Date: 2000.07.27 @ 16:30:33

Reference Number:

Trilobite Testing, L.L.C.
PO Box 362 Hays KS 67601
Ph: 785-625-4778 Fax: 785-625-5620



**TRILOBITE
TESTING, L.L.C.**

STATIC GRADIENT REPORT

CLX Energy

Acres #3

518 17th Street #745
Denver, CO 80202

SW NW NE 21-32s18w

Licence No:

ATTN:

Test Start: 2000.07.26 @ 15:03:35

GENERAL INFORMATION:

Formation: Paw nee Field: Coldwater South

Company Rep: Paul Simpson

Well Status: Undesignated Flowing

Unit No.:

Deviated: No Whipstock: ft (CF)

Reference Elevations: 2124 ft (KB)

Shut In Date:

2119 ft (CF)

Perforations: 5050 ft (CF) To 5068 ft (CF) (TVD)

KB to CF: 5.0 ft

Tubing Press: Initial 400 psig Final 855 psig inches @ ft (CF)

MPP: 5059 ft (CF)

Casing Press: Initial psig Final psig inches @ ft (CF)

Press@MPP: 938.91 psig

Open Hole: inches

B.H. Temp: deg F

Packer Depth: 5035 ft (CF)

Assumed Gradient: 1 psig/ft

RECORDER INFORMATION:

Serial #: 3030 Top

Capacity: 5000 psig

Press@RunDepth: psig @ 5054 ft (CF)

Last Calib.:

Start Date: 2000.07.26 @ 15:03:35

Time On Btm: 2000.07.27 @ 00:00:00

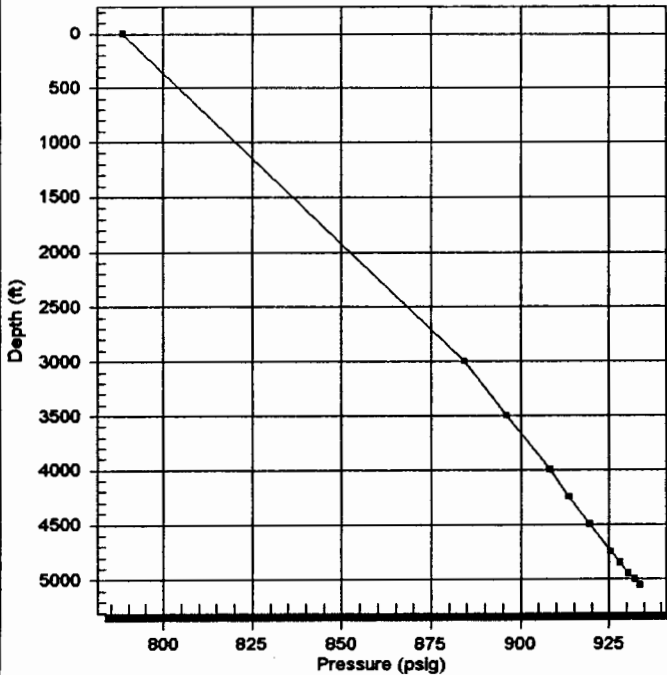
End Date: 2000.07.27 @ 16:30:33

Time Off Btm: 2000.07.27 @ 16:20:33

TEST COMMENT:

Static Gradient Graph

3030



GRADIENT SUMMARY

Relative Time (Hours)	Depth (ft)	Pressure (psig)	Gradient (psig/ft)
0.09667	0.00	788.50	0.00
0.31056	3000.00	884.31	0.03
0.36611	3500.00	896.10	0.02
0.44111	4000.00	908.26	0.02
0.49389	4250.00	913.59	0.02
0.56333	4500.00	919.49	0.02
0.61889	4750.00	925.50	0.02
0.67444	4850.00	928.07	0.03
0.74111	4950.00	930.55	0.02
0.81333	5000.00	932.45	0.04
0.85500	5054.00	933.91	0.03



**TRILOBITE
TESTING, L.L.C.**

STATIC GRADIENT DATA LISTING

CLX Energy

Acres #3

SW NW NE 21-32s18w

Licence No:

ATTN:

Test Start: 2000.07.26 @ 15:03:35

Serial # 3030 Top

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2000.07.26 @ 15:03:35	0.00000		0.00	97.46	
2000.07.26 @ 15:09:03	0.09111		0.00	101.57	
2000.07.26 @ 15:09:13	0.09389		0.00	101.58	
2000.07.26 @ 15:09:23	0.09667	0.00	788.50	101.59	Recorder @ Surface
2000.07.26 @ 15:09:33	0.09944		815.79	101.61	
2000.07.26 @ 15:09:43	0.10222		815.71	101.63	
2000.07.26 @ 15:09:53	0.10500		815.77	101.63	
2000.07.26 @ 15:21:53	0.30500		883.07	90.15	
2000.07.26 @ 15:22:03	0.30778		884.03	90.54	
2000.07.26 @ 15:22:13	0.31056	3000.00	884.31	90.94	
2000.07.26 @ 15:22:23	0.31333		884.28	91.36	
2000.07.26 @ 15:22:33	0.31611		884.28	91.80	
2000.07.26 @ 15:22:43	0.31889		884.26	92.24	
2000.07.26 @ 15:25:13	0.36056		894.12	98.02	
2000.07.26 @ 15:25:23	0.36333		895.26	98.38	
2000.07.26 @ 15:25:33	0.36611	3500.00	896.10	98.73	
2000.07.26 @ 15:25:43	0.36889		896.22	99.10	
2000.07.26 @ 15:25:53	0.37167		896.22	99.48	
2000.07.26 @ 15:26:03	0.37444		896.20	99.86	
2000.07.26 @ 15:29:43	0.43556		908.24	107.08	
2000.07.26 @ 15:29:53	0.43833		908.24	107.40	
2000.07.26 @ 15:30:03	0.44111	4000.00	908.26	107.74	4000
2000.07.26 @ 15:30:13	0.44389		908.28	108.07	
2000.07.26 @ 15:30:23	0.44667		908.34	108.41	
2000.07.26 @ 15:30:33	0.44944		908.36	108.73	
2000.07.26 @ 15:32:53	0.48833		911.06	112.29	
2000.07.26 @ 15:33:03	0.49111		912.28	112.47	
2000.07.26 @ 15:33:13	0.49389	4250.00	913.59	112.65	4250
2000.07.26 @ 15:33:23	0.49667		914.67	112.82	
2000.07.26 @ 15:33:33	0.49944		914.83	112.99	
2000.07.26 @ 15:33:43	0.50222		913.29	113.18	
2000.07.26 @ 15:37:03	0.55778		918.19	116.60	
2000.07.26 @ 15:37:13	0.56056		919.29	116.73	

Printing every 1377 samples

Serial # 3030		Top			
Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2000.07.26 @ 15:37:23	0.56333	4500.00	919.49	116.85	4500
2000.07.26 @ 15:37:33	0.56611		919.47	116.99	
2000.07.26 @ 15:37:43	0.56889		919.45	117.13	
2000.07.26 @ 15:37:53	0.57167		919.45	117.27	
2000.07.26 @ 15:40:23	0.61333		924.28	119.17	
2000.07.26 @ 15:40:33	0.61611		925.44	119.27	
2000.07.26 @ 15:40:43	0.61889	4750.00	925.50	119.39	4750
2000.07.26 @ 15:40:53	0.62167		925.52	119.50	
2000.07.26 @ 15:41:03	0.62444		925.54	119.60	
2000.07.26 @ 15:41:13	0.62722		925.58	119.74	
2000.07.26 @ 15:43:43	0.66889		925.94	121.40	
2000.07.26 @ 15:43:53	0.67167		927.20	121.48	
2000.07.26 @ 15:44:03	0.67444	4850.00	928.07	121.56	4850
2000.07.26 @ 15:44:13	0.67722		928.20	121.64	
2000.07.26 @ 15:44:23	0.68000		928.20	121.73	
2000.07.26 @ 15:44:33	0.68278		928.20	121.80	
2000.07.26 @ 15:47:43	0.73556		928.53	123.09	
2000.07.26 @ 15:47:53	0.73833		929.43	123.14	
2000.07.26 @ 15:48:03	0.74111	4950.00	930.55	123.19	4950
2000.07.26 @ 15:48:13	0.74389		930.95	123.23	
2000.07.26 @ 15:48:23	0.74667		930.97	123.27	
2000.07.26 @ 15:48:33	0.74944		930.99	123.32	
2000.07.26 @ 15:52:03	0.80778		931.27	124.17	
2000.07.26 @ 15:52:13	0.81056		932.17	124.21	
2000.07.26 @ 15:52:23	0.81333	5000.00	932.45	124.22	5000
2000.07.26 @ 15:52:33	0.81611		932.45	124.25	
2000.07.26 @ 15:52:43	0.81889		932.51	124.28	
2000.07.26 @ 15:52:53	0.82167		932.51	124.32	
2000.07.26 @ 15:54:33	0.84944		932.85	124.61	
2000.07.26 @ 15:54:43	0.85222		933.73	124.63	
2000.07.26 @ 15:54:53	0.85500	5054.00	933.91	124.66	
2000.07.26 @ 15:55:03	0.85778		933.91	124.69	
2000.07.26 @ 15:55:13	0.86056		933.95	124.71	
2000.07.26 @ 15:55:23	0.86333		933.91	124.74	
2000.07.26 @ 23:07:33	8.06611		950.56	125.48	
2000.07.27 @ 16:18:33	25.24944		963.58	125.53	
2000.07.27 @ 16:19:33	25.26611		963.53	125.53	
2000.07.27 @ 16:20:33	25.28278		963.53	125.54	Recorder Off Bottom
2000.07.27 @ 16:21:33	25.29944		962.93	125.53	
2000.07.27 @ 16:22:33	25.31611		960.61	125.53	
2000.07.27 @ 16:23:33	25.33278		956.40	125.42	

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Serial # 3030 Top

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2000.07.27 @ 16:30:33	25.44944		913.93	111.68	

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