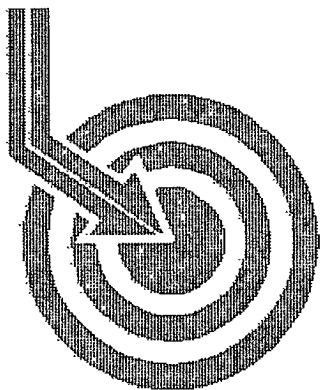


30-015-36432



Scientific Drilling

CHI OPERATING

Field: Undesignated
Site: Eddy County, NM
Well: Wallace State #4H
Wellpath: VH - Job #32K0908679
Survey: 09/03/08

This survey is correct to the best of my knowledge
and is supported by actual field data.

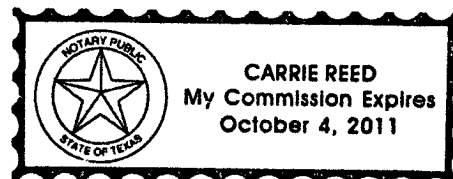


Company Representative

Notorized this date 14th of October, 2008.



Notary Signature
County of Midland
State of Texas





Scientific Drilling International

Survey Report

Company: CHL OPERATING
Field: Undesignated
Site: Eddy County, NM
Well: Wallace State #4H
Wellpath: VHL - Job #32K0908679

Date: 10/05/2008 Time: 11:56:11 Page: 1
Co-ordinate(N/E) Reference: Site: Eddy County, NM, Grid North
Vertical(TVD) Reference: SITE: 010
Section(V/S) Reference: Well (0100N, 0100E, 2711.19Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 09/03/08
KSRG: 015493

Start Date: 09/03/2008

Company: Scientific Drilling International
Tool: Keeper, Keeper Gyro

Engineer: Garza w/Geogyro
Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	V/S ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0100	0100	359.97	0100	0100	0100	0100	0100	0100	0100
100100	0135	79.91	100100	-0130	0105	0130	0135	0131	79.91
200100	0155	52.36	200100	-0197	0140	0198	0129	11.06	67.82
300100	0189	43.94	299199	-11.87	11.25	11.90	0136	21.28	56.61
400100	0175	63.62	399198	-21.98	21.10	31.03	0131	31.68	55.21
500100	0185	95.62	499197	-41.30	21.32	41.35	0145	41.93	61.92
600100	0187	109.39	599196	-51.76	21.00	51.80	0121	61.14	71.02
700100	11.02	98.41	699194	-71.37	11.61	71.40	0123	71.58	77.70
800100	11.08	1101.39	799193	-91.14	11.16	91.17	0123	91.24	82.82
900100	11.20	1122.10	899191	-101.93	01.27	101.94	0126	101.94	88.58
1000100	11.06	1169.53	999189	-121.01	-11.20	111.99	0192	121.05	95.69
1100100	11.69	1186.46	1099186	-121.06	-31.57	111.99	0174	121.51	106.58
1200100	11.43	1179.02	1199182	-111.98	-61.28	111.85	0133	131.41	117.94
1300100	11.21	1185.15	1299180	-111.95	-81.58	111.77	0126	141.57	126.09
1400100	01.86	1187.43	1399178	-111.80	-101.38	111.58	0135	151.55	131.86
1500100	11.06	1198.20	1499177	-111.44	-121.00	111.20	0127	161.41	136.99
1600100	01.93	2001.67	1599175	-101.90	-131.64	101.62	0114	171.29	142.09
1700100	01.86	2031.32	1699174	-101.35	-151.09	101.04	0108	181.12	146.36
1800100	01.70	2081.16	1799173	-91.79	-161.32	91.45	0117	181.86	149.91
1900100	01.91	1991.59	1899172	-91.26	-171.60	81.90	0124	191.72	153.18
2000100	01.80	1951.34	1999171	-81.84	-191.02	81.45	0113	201.81	156.06
2100100	01.68	2041.25	2099170	-81.44	-201.24	81.02	0117	211.77	158.38
2200100	01.84	2241.05	2199169	-71.71	-211.31	71.27	0131	221.51	161.17
2300100	01.85	2111.33	2299168	-61.84	-221.47	61.37	0119	231.35	164.17
2400100	01.84	2113.24	2399167	-61.07	-231.71	51.58	0103	241.36	166.75
2500100	01.49	2261.35	2499166	-51.38	-241.62	41.87	0138	251.10	168.81
2600100	01.17	11701.30	2599166	-51.11	-251.06	41.59	0142	251.48	169.63
2700100	01.42	11791.03	2699166	-51.15	-251.57	41.62	0125	251.99	169.76
2800100	01.23	11831.10	2799166	-51.16	-261.14	41.61	0119	261.55	169.99
2900100	01.39	2071.17	2899166	-51.00	-261.64	41.45	0120	271.01	170.52
3000100	01.50	2051.02	2999166	-41.67	-271.34	41.11	0111	271.65	171.46
3100100	01.35	11951.06	3099165	-41.42	-281.03	31.84	0117	281.30	172.119
3200100	01.30	2211.20	3199165	-41.18	-281.53	31.59	0115	281.75	172.82
3300100	01.32	2331.09	3299165	-31.80	-281.89	31.20	0107	291.07	173.69
3400100	01.38	2561.89	3399165	-31.25	-291.13	21.65	0116	291.25	174.80
3500100	01.47	2831.34	3499165	-21.53	-291.11	11.93	0121	291.18	176.21
3600100	01.30	3011.39	3599164	-11.90	-281.88	11.31	0121	281.91	177.41
3700100	01.52	2991.52	3699164	-11.28	-281.52	01.69	0122	281.53	178.62
3800100	01.49	3011.47	3799164	-01.51	-281.08	-01.07	0103	281.08	180.115
3900100	01.58	3331.14	3899163	01.10	-271.40	-01.67	0130	271.41	181.39
4000100	01.46	3451.06	3999163	01.45	-261.56	-11.00	0116	261.58	182.115
4100100	01.31	2961.67	4099163	01.80	-261.05	-11.34	0134	261.09	182.95
4200100	01.58	3111.02	4199162	11.44	-251.60	-11.97	0129	251.67	184.39
4300100	01.27	3061.67	4299162	21.02	-251.13	-21.54	0131	251.25	185.77
4400100	01.19	3118.69	4399162	21.32	-241.86	-21.84	0109	251.02	186.51
4500100	01.17	3511.89	4499162	21.46	-241.59	-21.97	0110	241.77	186.88
4600100	01.10	301.50	4599162	21.44	-241.37	-21.94	0111	241.54	186.89
4700100	01.30	421.32	4699162	21.22	-241.10	-21.72	0120	241.25	186.45
4800100	01.29	661.26	4799162	11.82	-231.80	-21.32	0112	231.92	185.56



Scientific Drilling International

Survey Report

Company: CHII OPERATING
Field: Undesignated
Site: Eddy County, NM
Well: Wallace State #4H
Wellpath: VHI - Job: #32K0908679

Date: 10/05/2008
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical(TVD) Reference: SITE 0:0
Section(VS) Reference: Well (0:00N,0:00E,2711.19Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

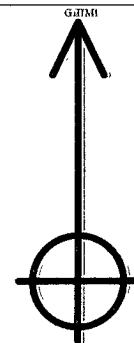
Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900:00	0:69	73:48	4899:61	1:02	-23:53	-1:51	0:40	23:58	183:66
5000:00	0:75	99:31	4999:61	-0:20	-23:46	-0:28	0:33	23:47	180:69
5100:00	1:01	80:95	5099:59	-1:72	-23:43	1:23	0:38	23:46	176:99
5200:00	0:89	81:78	5199:58	-3:35	-23:18	2:87	0:12	23:36	172:94
5300:00	1:35	88:21	5299:56	-5:30	-23:03	4:82	0:48	23:53	168:19
5400:00	1:90	84:37	5399:52	-8:12	-22:83	7:65	0:56	24:08	161:49
5493:00	2:29	84:63	5492:46	-11:49	-22:51	11:03	0:42	25:07	153:90



Field: Undesignated
Site: Eddy County, NM
Well: Wallace State #4H
Wellpath: VH - Job #32K0908679
Survey: 09/03/08

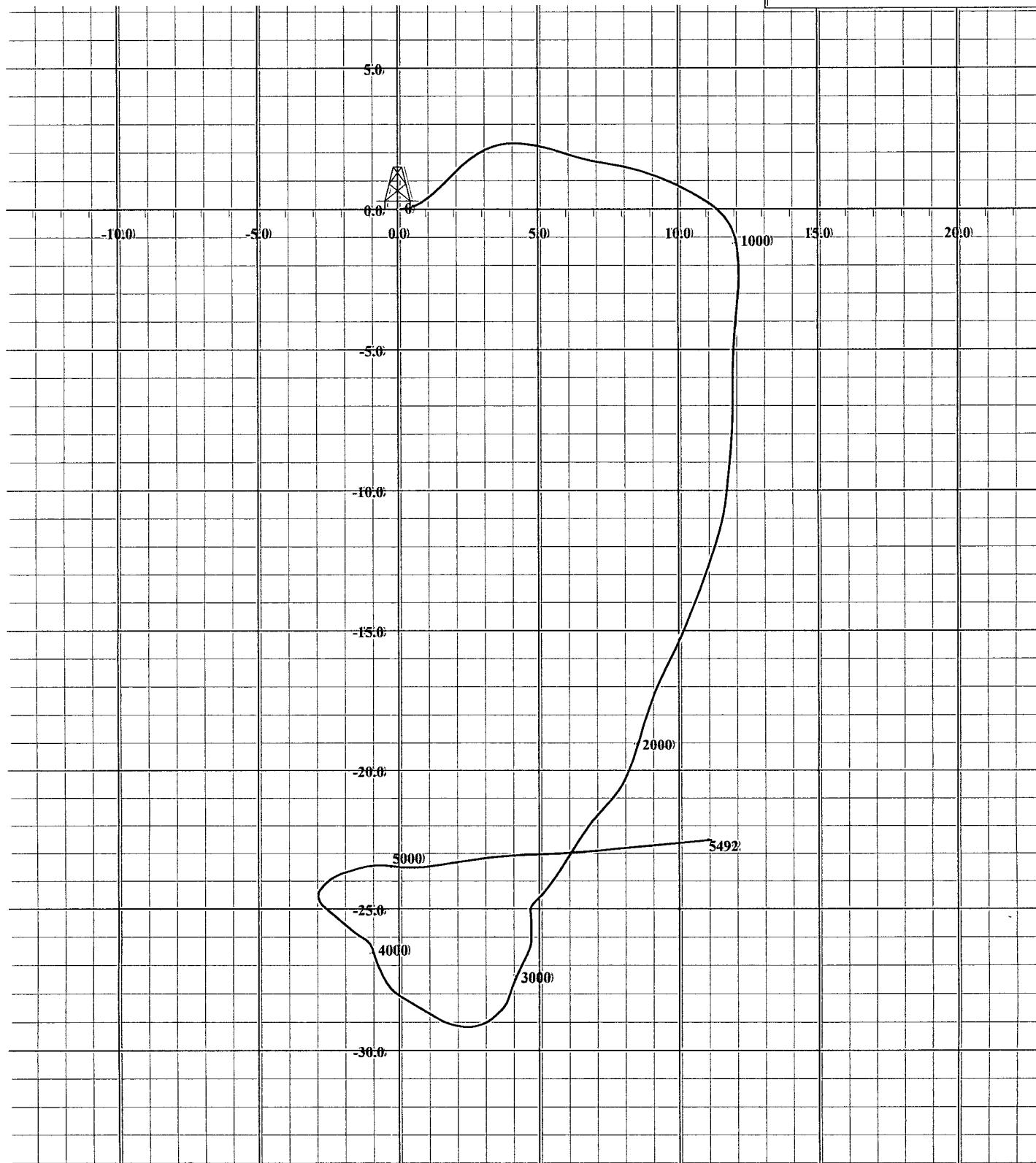


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Variations to Grid North
True North: 0.00N
Magnetic North: 0.00N

Magnetic Field
Strength: 0nT
Dip Angle: 0.00N
Date: 10/05/2008
Model: 127f2000

```



West(-)/East(+) [5ft/in]