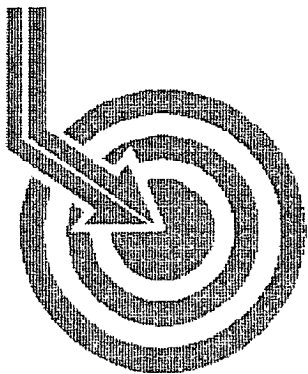




Scientific Drilling

30-005-64033

YATES PETROLEUM

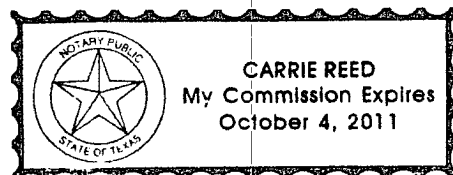
Field: Coyote
Site: Chaves County, NM
Well: Grid Iron BL1 Federal Com #1H
Wellpath: VH - Job #32K1108878
Survey: 11/05/08

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

Richard.....Company Representative

Notorized this date 22nd of December, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: YATES PETROLEUM	Date: 12/17/2008	Time: 14:37:52	Page: 1
Field: Coyote	Co-ordinate(NE) Reference: Site: Chaves County, NM	Grid: North	
Site: Chaves County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Grid Iron BL1 Federal Com #1H	Section (VS) Reference: Well (0.00N,0.00E,89.60Azi)		
Wellpath: VH - Job #32K1108878	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 11/05/08 KSRG 0'-3910'	Start Date: 11/05/2008	
Company: Scientific Drilling Internatio	Engineer: Melendez w/GeoGyro	
Tool: Keeper, Keeper Gyro	Tied-to: From Surface	

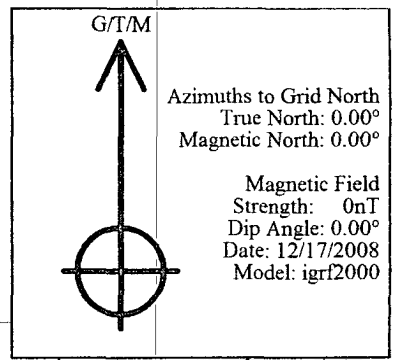
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.07	193.04	100.00	-0.01	-0.06	-0.01	0.07	0.06	193.04
200.00	0.20	77.65	200.00	0.14	-0.08	0.14	0.24	0.16	119.75
300.00	0.24	51.39	300.00	0.48	0.09	0.48	0.11	0.48	79.74
400.00	0.45	323.96	400.00	0.41	0.53	0.41	0.50	0.67	37.47
500.00	0.06	213.30	500.00	0.16	0.81	0.15	0.47	0.82	10.51
600.00	0.56	37.58	600.00	0.43	1.15	0.42	0.62	1.23	20.00
700.00	0.56	2.35	699.99	0.75	2.03	0.74	0.34	2.16	19.98
800.00	0.33	310.05	799.99	0.56	2.70	0.54	0.44	2.75	11.24
900.00	0.13	110.61	899.99	0.44	2.85	0.42	0.45	2.88	8.45
1000.00	0.46	274.83	999.99	0.15	2.84	0.13	0.59	2.84	2.60
1100.00	0.45	320.37	1099.98	-0.50	3.18	-0.52	0.35	3.22	350.67
1200.00	0.22	319.91	1199.98	-0.87	3.63	-0.90	0.23	3.73	346.12
1300.00	0.36	305.21	1299.98	-1.25	3.95	-1.28	0.16	4.15	342.11
1400.00	0.40	302.31	1399.98	-1.80	4.32	-1.83	0.04	4.69	337.07
1500.00	0.51	281.31	1499.98	-2.53	4.60	-2.56	0.20	5.26	330.89
1600.00	0.86	287.89	1599.97	-3.68	4.91	-3.71	0.36	6.16	322.94
1700.00	0.89	314.64	1699.96	-4.94	5.69	-4.98	0.41	7.56	318.82
1800.00	0.56	284.06	1799.95	-5.96	6.35	-6.00	0.50	8.74	316.63
1900.00	0.97	310.61	1899.94	-7.07	7.02	-7.12	0.53	10.00	314.61
2000.00	1.17	308.55	1999.92	-8.50	8.21	-8.56	0.20	11.86	313.80
2100.00	1.22	305.47	2099.90	-10.16	9.46	-10.23	0.08	13.93	312.78
2200.00	1.31	299.81	2199.88	-12.01	10.65	-12.09	0.15	16.11	311.39
2300.00	0.75	297.58	2299.86	-13.58	11.52	-13.66	0.56	17.87	310.15
2400.00	1.10	295.35	2399.85	-15.02	12.24	-15.10	0.35	19.44	309.01
2500.00	0.53	267.24	2499.84	-16.35	12.62	-16.43	0.68	20.72	307.53
2600.00	0.64	310.53	2599.83	-17.23	12.97	-17.32	0.44	21.64	306.82
2700.00	0.45	266.55	2699.83	-18.04	13.30	-18.14	0.44	22.49	306.26
2800.00	0.60	307.74	2799.82	-18.85	13.60	-18.94	0.40	23.32	305.68
2900.00	0.25	272.54	2899.82	-19.48	13.93	-19.58	0.42	24.03	305.44
3000.00	0.60	308.64	2999.82	-20.10	14.27	-20.20	0.42	24.73	305.23
3100.00	0.59	269.96	3099.81	-21.02	14.59	-21.13	0.39	25.68	304.64
3200.00	0.66	270.74	3199.81	-22.11	14.60	-22.22	0.07	26.59	303.32
3300.00	0.41	266.99	3299.80	-23.05	14.59	-23.15	0.25	27.36	302.22
3400.00	0.43	277.77	3399.80	-23.78	14.62	-23.88	0.08	28.00	301.48
3500.00	0.73	255.54	3499.80	-24.77	14.51	-24.87	0.37	28.79	300.27
3600.00	0.61	237.25	3599.79	-25.83	14.07	-25.93	0.24	29.50	298.48
3700.00	0.81	260.22	3699.78	-26.98	13.66	-27.08	0.34	30.33	296.77
3800.00	0.61	239.56	3799.77	-28.14	13.27	-28.23	0.32	31.19	295.17
3900.00	0.73	229.59	3899.77	-29.09	12.59	-29.18	0.17	31.78	293.34
3910.00	0.49	222.96	3909.77	-29.17	12.51	-29.25	2.50	31.82	293.16

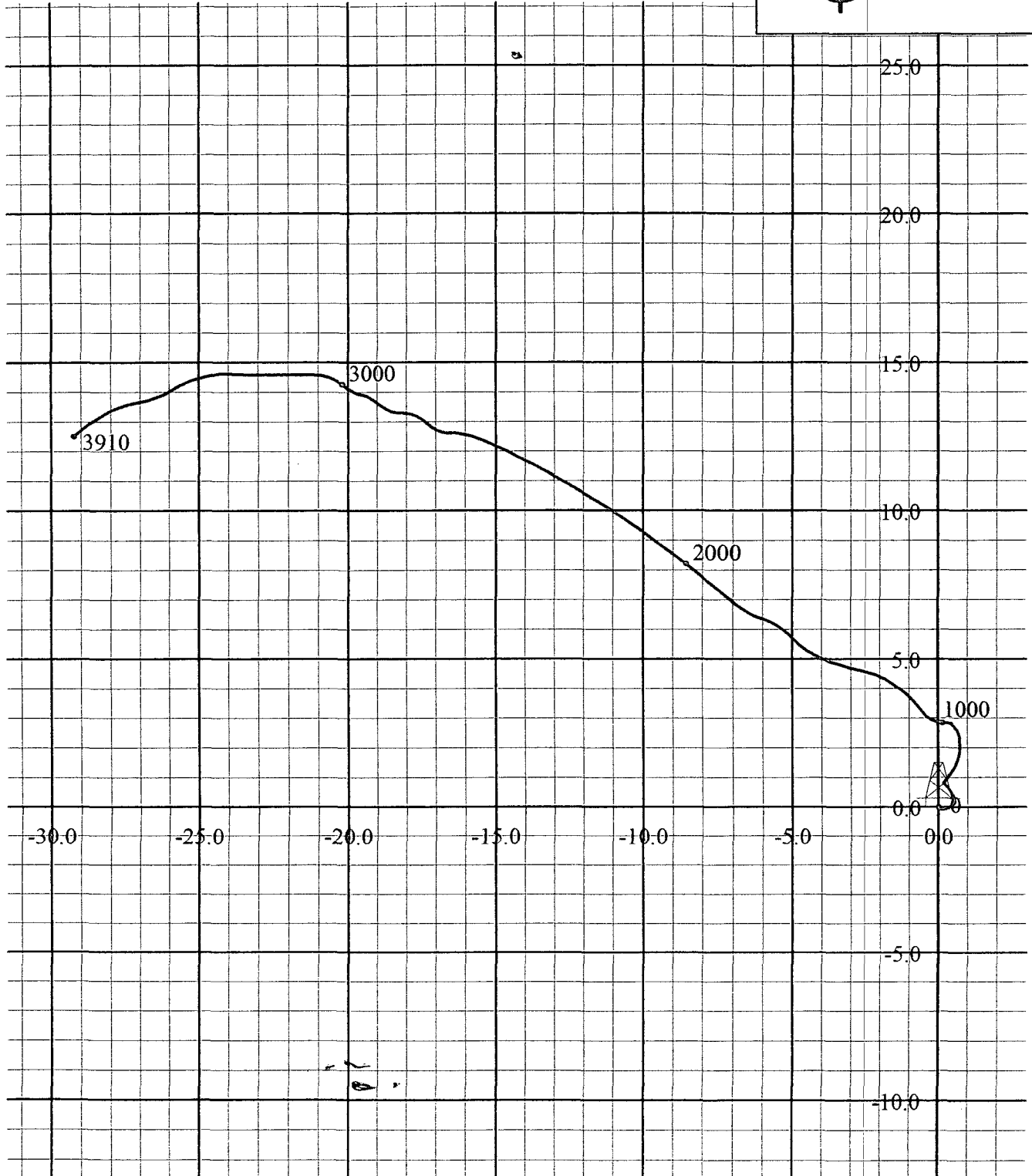


**Scientific
Drilling**

Field: Coyote
Site: Chaves County, NM
Well: Grid Iron BL1 Federal Com #1H
Wellpath: VH - Job #32K1108878
Survey: 11/05/08



South(-)/North(+) [5ft/in]



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