

Scientific Drilling International

Conoco Survey Report

Company: CHEVRONTEXACO Field: Wildcat Site: Lea County, NM Well: New Mexico EA State #2 Wellpath: VH - Job #32K0902314	Date: 9/15/2002 Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level Section (VS) Reference: Well (0.0E, 0.0N, 180.0Azi) Survey Calculation Method: Minimum Curvature
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Survey: 9/6/02 KSRG 0'-6578' Company: Scientific Drilling Internatio Tool: Keeper	Start Date: 9/13/2002 Engineer: Angel Guebara
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Survey

MD ft	Incl deg	Azim deg	VS ft	DLS deg/100ft	TVD ft	ClsD ft	ClsA deg	N/S ft	E/W ft
0.0	0.00	0.61	0.0	0.00	0.0	0.0	0.00	0.0	0.0
100.0	0.23	250.10	0.1	0.23	100.0	0.2	250.10	-0.1	-0.2
200.0	0.40	297.19	0.0	0.29	200.0	0.7	271.85	0.0	-0.7
300.0	0.08	314.21	-0.2	0.32	300.0	1.1	282.41	0.2	-1.0
400.0	0.35	337.69	-0.6	0.28	400.0	1.3	294.81	0.6	-1.2
500.0	0.62	292.28	-1.0	0.45	500.0	2.1	299.80	1.0	-1.8
600.0	0.58	288.15	-1.4	0.06	600.0	3.1	296.64	1.4	-2.8
700.0	0.15	311.35	-1.7	0.44	700.0	3.8	296.02	1.7	-3.4
800.0	0.36	333.18	-2.0	0.22	800.0	4.2	299.11	2.0	-3.6
900.0	0.76	286.87	-2.5	0.57	900.0	5.1	299.51	2.5	-4.4
1000.0	0.78	286.33	-2.9	0.02	1000.0	6.4	296.81	2.9	-5.7
1100.0	0.69	276.06	-3.1	0.16	1100.0	7.6	294.27	3.1	-6.9
1200.0	0.60	302.38	-3.5	0.31	1200.0	8.7	293.52	3.5	-8.0
1300.0	0.58	314.20	-4.1	0.12	1300.0	9.7	295.05	4.1	-8.8
1400.0	0.66	335.71	-5.0	0.24	1399.9	10.6	297.97	5.0	-9.4
1500.0	0.94	342.90	-6.3	0.29	1499.9	11.7	302.53	6.3	-9.9
1600.0	1.15	333.78	-8.0	0.27	1599.9	13.2	307.08	8.0	-10.5
1700.0	1.06	337.25	-9.7	0.11	1699.9	14.9	310.59	9.7	-11.3
1800.0	1.05	341.49	-11.4	0.08	1799.9	16.6	313.66	11.4	-12.0
1900.0	1.12	334.36	-13.2	0.15	1899.9	18.3	316.07	13.2	-12.7
2000.0	1.19	353.04	-15.1	0.38	1999.8	20.1	318.73	15.1	-13.3
2100.0	1.42	1.84	-17.4	0.30	2099.8	21.9	322.47	17.4	-13.3
2200.0	1.96	13.47	-20.3	0.64	2199.8	24.0	327.52	20.3	-12.9
2300.0	2.48	18.04	-24.0	0.55	2299.7	26.7	333.73	24.0	-11.8
2400.0	2.85	23.00	-28.3	0.44	2399.6	30.1	340.20	28.3	-10.2
2500.0	3.44	29.52	-33.2	0.69	2499.4	34.1	346.87	33.2	-7.7
2600.0	3.61	26.48	-38.6	0.25	2599.3	38.9	352.82	38.6	-4.9
2700.0	3.29	27.45	-44.0	0.33	2699.1	44.1	357.21	44.0	-2.1
2800.0	3.17	40.65	-48.6	0.75	2798.9	48.6	1.15	48.6	1.0
2900.0	2.66	44.15	-52.4	0.54	2898.8	52.6	4.80	52.4	4.4
3000.0	2.25	48.03	-55.4	0.45	2998.7	55.9	7.69	55.4	7.5
3100.0	2.11	48.67	-57.9	0.14	3098.6	58.8	10.10	57.9	10.3
3200.0	1.69	51.59	-60.1	0.43	3198.6	61.4	12.09	60.1	12.9
3300.0	1.29	45.84	-61.8	0.43	3298.5	63.5	13.50	61.8	14.8
3400.0	1.01	45.89	-63.2	0.28	3398.5	65.2	14.45	63.2	16.3
3500.0	0.88	40.53	-64.4	0.16	3498.5	66.7	15.13	64.4	17.4
3600.0	1.01	34.09	-65.7	0.17	3598.5	68.2	15.65	65.7	18.4
3700.0	0.82	29.86	-67.0	0.20	3698.5	69.7	16.02	67.0	19.2
3800.0	0.53	38.88	-68.0	0.31	3798.5	70.8	16.31	68.0	19.9
3900.0	0.60	51.83	-68.7	0.14	3898.5	71.7	16.69	68.7	20.6
4000.0	0.61	39.94	-69.4	0.13	3998.5	72.6	17.10	69.4	21.4
4100.0	0.15	13.07	-69.9	0.48	4098.5	73.2	17.25	69.9	21.7
4200.0	0.42	136.84	-69.8	0.52	4198.5	73.2	17.50	69.8	22.0
4300.0	0.42	184.58	-69.2	0.34	4298.4	72.7	17.81	69.2	22.2
4400.0	0.87	179.44	-68.0	0.45	4398.4	71.6	18.07	68.0	22.2
4500.0	1.16	171.99	-66.3	0.32	4498.4	70.0	18.63	66.3	22.4
4600.0	1.16	166.38	-64.3	0.11	4598.4	68.2	19.47	64.3	22.7
4700.0	1.47	177.08	-62.0	0.39	4698.4	66.2	20.37	62.0	23.0