Scientific Drilling

SUR: H-3-22s-37e, 1650/N & 340/E
BHL: A-3-22s-37e, 340/N & 340/E
API # 30-025-25785

CHEVRON

Field: Skelly Mark
Site: Lea County, NM
Well: Skelly Mark #10H
Wellpath: DH - Job #32D0506389
Survey: 05/15/06-05/20/06

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

.....Company Representative

Notorized this date 20th of June, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas

Scientific Drilling

Scientific Drilling International
Survey Report

Company:	CHEVRON	**Date:** 06/20/2006	**Time:** 19:06:45	**Page:**	1
Field:	Skelly Mark	**Co-ordinate(NE) Reference:**	Well: Skelly Mark #10H, Grid North		
Site:	Lea County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Skelly Mark #10H	**Section (VS) Reference:**	Well (0.00N,0.00E,0.00Azi)		
Wellpath:	VH - Job #32K0506393	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	05/16/06 KSRG 0'-3589'	**Start Date:**	05/16/2006
Company:	Scientific Drilling Internatio	**Engineer:**	Guebara/Foster/Rehders
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	359.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.45	72.62	100.00	0.12	0.12	0.37	0.45	0.39	72.62
200.00	0.59	99.51	199.99	0.15	0.15	1.26	0.28	1.27	83.22
300.00	0.51	78.78	299.99	0.15	0.15	2.20	0.21	2.21	86.07
400.00	0.73	110.46	399.98	0.01	0.01	3.24	0.40	3.24	89.73
500.00	0.66	89.20	499.98	-0.20	-0.20	4.41	0.27	4.41	92.59
600.00	0.42	98.50	599.97	-0.25	-0.25	5.35	0.25	5.35	92.63
700.00	0.34	115.39	699.97	-0.43	-0.43	5.98	0.14	5.99	94.09
800.00	0.50	146.38	799.97	-0.92	-0.92	6.49	0.27	6.55	98.05
900.00	0.72	137.89	899.96	-1.75	-1.75	7.15	0.24	7.36	103.73
1000.00	0.55	117.61	999.96	-2.44	-2.44	8.00	0.28	8.36	106.94
1100.00	0.51	152.54	1099.95	-3.05	-3.05	8.63	0.32	9.15	109.49
1200.00	0.53	123.35	1199.95	-3.70	-3.70	9.22	0.26	9.93	111.88
1300.00	0.44	110.68	1299.95	-4.09	-4.09	9.96	0.14	10.77	112.33
1400.00	0.30	110.43	1399.94	-4.32	-4.32	10.57	0.14	11.42	112.23
1500.00	0.36	153.98	1499.94	-4.69	-4.69	10.95	0.25	11.91	113.20
1600.00	0.41	126.48	1599.94	-5.19	-5.19	11.38	0.19	12.50	114.51
1700.00	0.48	69.51	1699.94	-5.25	-5.25	12.06	0.43	13.15	113.55
1800.00	0.60	35.15	1799.93	-4.68	-4.68	12.75	0.34	13.58	110.15
1900.00	0.73	358.35	1899.93	-3.61	-3.61	13.03	0.44	13.53	105.50
2000.00	0.88	2.04	1999.92	-2.21	-2.21	13.04	0.16	13.23	99.62
2100.00	1.49	359.53	2099.89	-0.14	-0.14	13.06	0.61	13.06	90.63
2200.00	1.90	356.46	2199.85	2.81	2.81	12.95	0.42	13.25	77.75
2300.00	1.89	354.09	2299.80	6.11	6.11	12.67	0.08	14.07	64.27
2400.00	1.76	355.31	2399.75	9.28	9.28	12.38	0.14	15.47	53.15
2500.00	1.80	4.48	2499.70	12.37	12.37	12.38	0.29	17.50	45.00
2600.00	1.87	3.09	2599.65	15.57	15.57	12.59	0.08	20.02	38.95
2700.00	1.75	358.35	2699.60	18.72	18.72	12.63	0.19	22.59	34.00
2800.00	1.50	4.15	2799.56	21.56	21.56	12.68	0.30	25.01	30.47
2900.00	1.42	12.92	2899.52	24.07	24.07	13.05	0.24	27.38	28.47
3000.00	1.49	10.22	2999.49	26.56	26.56	13.56	0.10	29.82	27.05
3100.00	1.14	7.45	3099.46	28.82	28.82	13.92	0.36	32.01	25.78
3200.00	0.89	14.76	3199.45	30.56	30.56	14.25	0.28	33.72	25.00
3300.00	0.89	32.40	3299.44	31.97	31.97	14.86	0.27	35.25	24.93
3400.00	0.83	20.41	3399.43	33.30	33.30	15.53	0.19	36.74	25.00
3500.00	0.79	17.54	3499.42	34.64	34.64	15.99	0.06	38.15	24.78
3589.00	0.72	358.16	3588.41	35.78	35.78	16.16	0.30	39.26	24.30

Scientific Drilling

Scientific Drilling International
Survey Report

Company:	CHEVRON	**Date:** 06/20/2006	**Time:** 19:12:42	**Page:**	1
Field:	Skelly Mark	**Co-ordinate(NE) Reference:**	Well: Skelly Mark #10H, Grid North		
Site:	Lea County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	Skelly Mark #10H	**Section (VS) Reference:**	Well (0.00N,0.00E,0.00Azi)		
Wellpath:	DH - Job #32D0506389	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

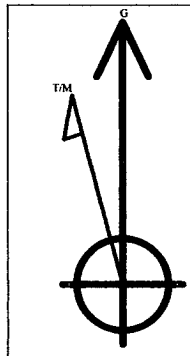
Survey:	05/15/06-05/20/06 MWD 3620'-5010'	**Start Date:**	05/15/2006
Company:	Scientific Drilling Internatio	**Engineer:**	Lamb/Melendez/Stahl
Tool:	MWD;MWD	**Tied-to:**	From: Definitive Path

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
3589.00	0.72	358.16	3588.41	35.78	35.78	16.16	0.00	39.26	24.30
3620.00	0.72	358.16	3619.41	36.17	36.17	16.14	0.00	39.61	24.05
3687.00	19.72	359.38	3685.04	48.00	48.00	16.01	28.36	50.60	18.44
3719.00	28.39	356.75	3714.23	61.02	61.02	15.52	27.29	62.96	14.27
3750.00	37.55	354.04	3740.22	77.81	77.81	14.12	29.92	79.08	10.28
3781.00	45.97	353.10	3763.32	98.31	98.31	11.79	27.24	99.01	6.84
3812.00	54.86	352.57	3783.05	121.99	121.99	8.81	28.71	122.31	4.13
3843.00	63.40	352.10	3798.95	148.33	148.33	5.26	27.58	148.43	2.03
3876.00	72.56	351.93	3811.30	178.60	178.60	1.01	27.76	178.60	0.32
3905.00	80.98	352.83	3817.94	206.55	206.55	-2.73	29.19	206.57	359.24
3936.00	89.22	353.88	3820.58	237.21	237.21	-6.30	26.79	237.29	358.48
3968.00	89.83	0.81	3820.85	269.15	269.15	-7.78	21.74	269.26	358.35
3999.00	89.53	2.97	3821.02	300.13	300.13	-6.75	7.03	300.21	358.71
4031.00	90.84	3.24	3820.92	332.08	332.08	-5.02	4.18	332.12	359.13
4062.00	90.57	3.28	3820.54	363.03	363.03	-3.26	0.88	363.05	359.49
4094.00	90.37	3.20	3820.27	394.98	394.98	-1.45	0.67	394.98	359.79
4125.00	90.30	3.56	3820.09	425.92	425.92	0.38	1.18	425.92	0.05
4157.00	89.90	3.63	3820.04	457.86	457.86	2.38	1.27	457.87	0.30
4188.00	89.60	4.26	3820.17	488.79	488.79	4.52	2.25	488.81	0.53
4220.00	91.01	2.17	3820.00	520.73	520.73	6.31	7.88	520.77	0.69
4251.00	91.22	1.76	3819.40	551.71	551.71	7.37	1.49	551.76	0.77
4283.00	91.18	2.83	3818.73	583.68	583.68	8.66	3.35	583.74	0.85
4315.00	90.14	2.97	3818.36	615.63	615.63	10.27	3.28	615.72	0.96
4347.00	90.84	3.14	3818.09	647.59	647.59	11.98	2.25	647.70	1.06
4378.00	90.14	359.81	3817.82	678.57	678.57	12.78	10.98	678.69	1.08
4410.00	90.00	358.66	3817.78	710.57	710.57	12.35	3.62	710.67	1.00
4442.00	89.90	358.16	3817.81	742.55	742.55	11.46	1.59	742.64	0.88
4473.00	89.16	355.73	3818.06	773.51	773.51	9.81	8.19	773.57	0.73
4505.00	89.53	356.17	3818.43	805.42	805.42	7.55	1.80	805.46	0.54
4537.00	88.38	358.85	3819.01	837.39	837.39	6.16	9.11	837.41	0.42
4568.00	88.72	359.24	3819.80	868.37	868.37	5.64	1.67	868.39	0.37
4600.00	88.65	359.52	3820.53	900.36	900.36	5.30	0.90	900.38	0.34
4631.00	87.14	358.27	3821.67	931.33	931.33	4.70	6.32	931.34	0.29
4663.00	87.01	359.05	3823.30	963.28	963.28	3.95	2.47	963.29	0.24
4695.00	86.64	359.09	3825.08	995.23	995.23	3.43	1.16	995.23	0.20
4726.00	86.23	358.37	3827.00	1026.16	1026.16	2.75	2.67	1026.16	0.15
4758.00	86.10	359.43	3829.14	1058.08	1058.08	2.14	3.33	1058.08	0.12
4789.00	88.35	359.82	3830.64	1089.04	1089.04	1.93	7.37	1089.05	0.10
4821.00	88.42	359.91	3831.55	1121.03	1121.03	1.86	0.36	1121.03	0.09
4852.00	88.04	359.14	3832.50	1152.01	1152.01	1.60	2.77	1152.02	0.08
4883.00	88.15	359.49	3833.53	1182.99	1182.99	1.23	1.18	1183.00	0.06
4915.00	88.45	359.33	3834.48	1214.98	1214.98	0.90	1.06	1214.98	0.04
4946.00	88.55	358.25	3835.29	1245.96	1245.96	0.25	3.50	1245.96	0.01
4965.00	88.86	358.91	3835.72	1264.95	1264.95	-0.22	3.84	1264.95	359.99
5010.00	88.86	358.91	3836.62	1309.93	1309.93	-1.08	0.00	1309.93	359.95

Scientific Drilling

Field: Skelly Mark
Site: Lea County, NM
Well: Skelly Mark #10H
Wellpath: DH - Job #32D0506389
Survey: 05/15/06-05/20/06



Azimuths to Grid North
True North: -0.64°
Magnetic North: -0.64°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 06/20/2006
Model: igrf2000