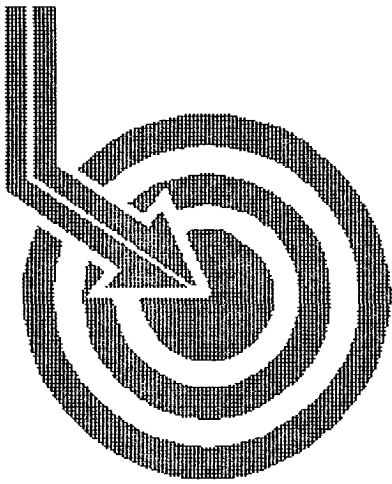
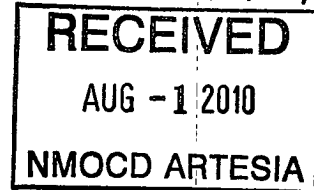


30.015.37461



Scientific Drilling

CIMAREX ENERGY

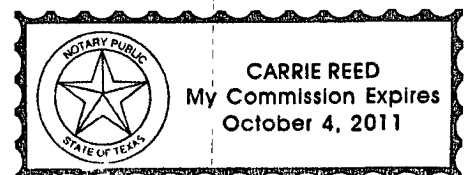
Field: Scanlon Draw
Site: Eddy County, NM
Well: Parkway State 17 Con #2H
Wellpath: VH - job #32K0410298
Survey: 04/28/10

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

[Signature]
Company Representative

Notarized this date 20th of May, 2010.

[Signature]
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International, Inc.

Survey Report

Company: CIMAREX ENERGY	Date: 5/1/2010	Time: 18:11:31	Page: 1
Field: Scanlon Draw	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: Parkway State 17 Con #2H	Section (VS) Reference:	Well: (0.00N,0.00E,270.05Azi)	
Wellpath: VH - job #32K0410298	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 04/28/10	Start Date: 4/28/2010
Company: Scientific Drilling Internatio	Engineer: Madrid w/Renegade
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
0.0	0.00	359.87	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	1.07	148.77	100.0	-0.5	-0.8	0.5	1.07	0.9	148.77
200.0	1.23	138.50	200.0	-1.7	-2.4	1.7	0.26	2.9	145.03
300.0	0.80	107.38	300.0	-3.1	-3.4	3.1	0.68	4.6	138.15
400.0	0.62	84.63	400.0	-4.3	-3.6	4.3	0.33	5.6	129.96
500.0	0.66	61.11	499.9	-5.3	-3.2	5.3	0.26	6.2	121.43
600.0	0.84	57.27	599.9	-6.4	-2.6	6.4	0.19	6.9	111.78
700.0	1.30	53.61	699.9	-8.0	-1.5	8.0	0.46	8.1	100.67
800.0	2.07	59.00	799.9	-10.4	0.1	10.4	0.79	10.4	89.42
900.0	2.03	61.30	899.8	-13.5	1.9	13.5	0.09	13.6	82.06
1000.0	2.05	59.95	999.7	-16.6	3.6	16.6	0.05	17.0	77.67
1100.0	1.78	51.94	1099.7	-19.4	5.5	19.4	0.38	20.2	74.21
1200.0	1.80	30.69	1199.6	-21.4	7.8	21.4	0.66	22.8	70.00
1300.0	2.23	15.31	1299.6	-22.7	11.0	22.7	0.69	25.3	64.14
1400.0	2.15	15.18	1399.5	-23.7	14.7	23.7	0.08	27.9	58.22
1500.0	2.19	21.15	1499.4	-24.9	18.3	24.9	0.23	30.9	53.71
1600.0	2.26	41.35	1599.4	-26.9	21.6	26.9	0.78	34.5	51.29
1700.0	2.22	48.78	1699.3	-29.6	24.3	29.7	0.29	38.4	50.66
1800.0	2.15	49.83	1799.2	-32.5	26.8	32.6	0.08	42.2	50.54
1900.0	1.67	53.05	1899.2	-35.1	28.9	35.2	0.49	45.5	50.59
2000.0	1.35	52.70	1999.1	-37.2	30.5	37.3	0.32	48.1	50.71
2100.0	1.19	61.52	2099.1	-39.1	31.7	39.1	0.25	50.3	50.98
2200.0	1.09	59.52	2199.1	-40.8	32.7	40.8	0.11	52.3	51.34
2300.0	1.01	67.11	2299.1	-42.4	33.5	42.5	0.16	54.1	51.74
2400.0	0.83	72.36	2399.1	-43.9	34.1	44.0	0.20	55.6	52.24
2500.0	0.76	62.32	2499.0	-45.2	34.6	45.3	0.16	57.0	52.61
2600.0	0.69	50.53	2599.0	-46.3	35.3	46.3	0.16	58.2	52.70
2700.0	0.69	51.41	2699.0	-47.2	36.0	47.2	0.01	59.4	52.67
2800.0	0.44	48.09	2799.0	-48.0	36.7	48.0	0.25	60.4	52.62
2900.0	0.37	43.96	2899.0	-48.5	37.2	48.5	0.08	61.1	52.55
3000.0	0.10	35.72	2999.0	-48.7	37.5	48.8	0.27	61.5	52.48
3100.0	0.17	19.05	3099.0	-48.8	37.7	48.9	0.08	61.7	52.38
3200.0	0.21	7.05	3199.0	-48.9	38.0	49.0	0.06	62.0	52.19
3300.0	0.41	333.34	3299.0	-48.8	38.5	48.8	0.26	62.2	51.74
3400.0	0.55	339.26	3399.0	-48.4	39.3	48.5	0.15	62.4	51.00
3500.0	0.48	339.28	3499.0	-48.1	40.1	48.2	0.07	62.7	50.22
3600.0	0.54	334.87	3599.0	-47.8	40.9	47.8	0.07	62.9	49.44
3700.0	0.91	358.82	3699.0	-47.6	42.1	47.6	0.47	63.6	48.48
3800.0	1.26	1.71	3799.0	-47.6	44.0	47.6	0.35	64.9	47.24
3900.0	1.52	14.08	3898.9	-47.9	46.4	48.0	0.40	66.8	45.94
4000.0	1.54	13.28	3998.9	-48.6	49.0	48.6	0.03	69.0	44.76
4100.0	1.24	22.39	4098.9	-49.3	51.3	49.3	0.37	71.2	43.86
4200.0	1.39	29.17	4198.9	-50.3	53.4	50.3	0.22	73.4	43.31
4300.0	1.50	27.69	4298.8	-51.5	55.6	51.5	0.12	75.8	42.82
4400.0	1.60	16.11	4398.8	-52.5	58.1	52.5	0.33	78.3	42.11
4500.0	1.65	0.44	4498.7	-52.9	60.9	52.9	0.45	80.7	41.00
4600.0	2.16	357.75	4598.7	-52.8	64.2	52.9	0.52	83.2	39.46
4700.0	2.62	357.67	4698.6	-52.6	68.4	52.7	0.46	86.3	37.62
4800.0	2.76	357.76	4798.5	-52.4	73.1	52.5	0.14	90.0	35.70



Scientific Drilling International, Inc.

Survey Report

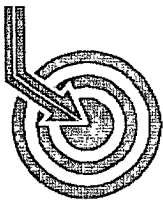
Company: CIMAREX ENERGY
Field: Scanlon Draw
Site: Eddy County, NM
Well: Parkway State 17 Con #2H
Wellpath: VH - job #32K0410298

Date: 5/1/2010
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.05Azi)
Survey Calculation Method: Minimum Curvature
Db: Sybase

Page: 2

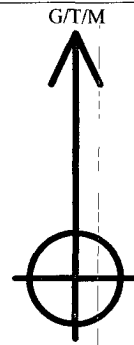
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	3.32	356.12	4898.4	-52.1	78.4	52.2	0.57	94.2	33.68
5000.0	3.87	0.96	4998.2	-52.0	84.6	52.1	0.63	99.4	31.61
5100.0	4.26	7.81	5097.9	-52.6	91.7	52.6	0.62	105.7	29.86
5200.0	3.48	11.85	5197.7	-53.7	98.3	53.8	0.83	112.1	28.67
5300.0	3.04	9.16	5297.5	-54.7	103.9	54.8	0.47	117.5	27.81
5400.0	2.61	2.88	5397.4	-55.2	108.8	55.3	0.53	122.1	26.96
5500.0	2.58	358.76	5497.3	-55.3	113.3	55.4	0.19	126.1	26.06
5600.0	2.50	353.77	5597.2	-55.0	117.7	55.1	0.24	130.0	25.09
5700.0	2.26	346.82	5697.1	-54.3	121.8	54.4	0.37	133.4	24.08
5800.0	1.38	339.29	5797.1	-53.5	124.9	53.6	0.91	135.9	23.22
5900.0	1.48	325.23	5897.0	-52.3	127.1	52.4	0.36	137.4	22.41
6000.0	2.53	303.26	5997.0	-49.7	129.3	49.8	1.28	138.6	21.07
6100.0	3.07	299.50	6096.8	-45.5	131.9	45.6	0.57	139.5	19.09
6200.0	2.42	296.64	6196.7	-41.3	134.1	41.4	0.66	140.4	17.16
6300.0	1.99	298.45	6296.7	-37.9	135.9	38.0	0.44	141.1	15.63
6400.0	1.09	299.43	6396.6	-35.5	137.2	35.7	0.90	141.8	14.57
6500.0	0.77	193.82	6496.6	-34.5	137.0	34.7	1.49	141.3	14.20
6600.0	0.80	40.25	6596.6	-34.8	136.9	35.0	1.53	141.3	14.33
6700.0	0.47	106.64	6696.6	-35.7	137.3	35.8	0.75	141.9	14.61
6800.0	0.85	151.67	6796.6	-36.4	136.5	36.5	0.62	141.3	14.98
6900.0	1.04	167.62	6896.6	-37.0	135.0	37.1	0.32	140.0	15.36
7000.0	0.80	176.25	6996.6	-37.2	133.4	37.3	0.28	138.5	15.63
7100.0	1.44	194.94	7096.6	-36.9	131.5	37.1	0.73	136.6	15.74
7200.0	2.62	164.76	7196.5	-37.2	128.1	37.3	1.55	133.4	16.25
7300.0	2.56	158.03	7296.4	-38.7	123.8	38.8	0.31	129.7	17.39
7400.0	2.23	166.30	7396.3	-40.0	119.8	40.1	0.48	126.4	18.48
7500.0	1.93	174.85	7496.2	-40.6	116.3	40.7	0.43	123.2	19.28
7530.0	1.97	180.71	7526.2	-40.6	115.3	40.7	0.68	122.2	19.46



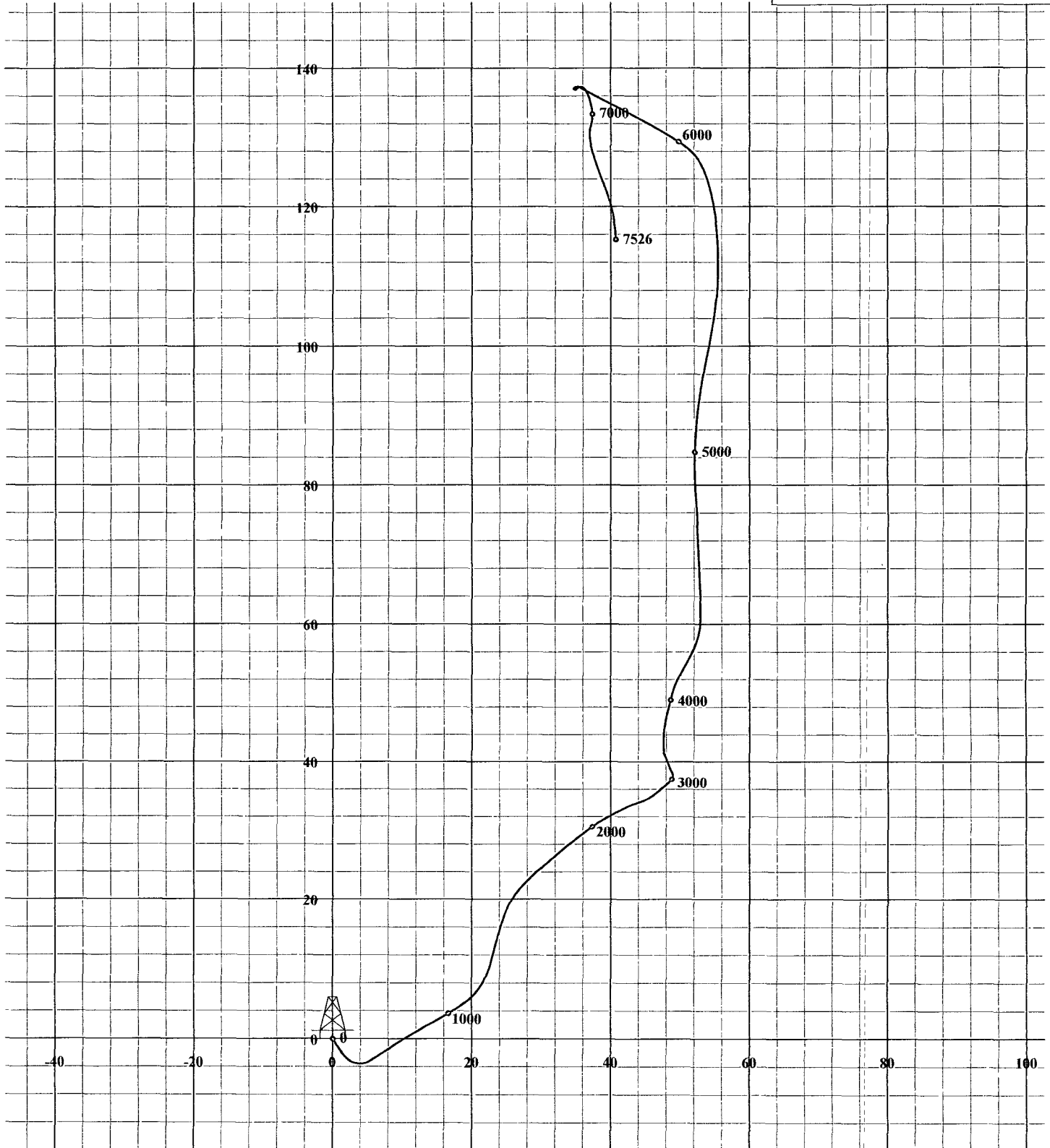
Scientific
Drilling

Field: Scanlon Draw
Site: Eddy County, NM
Well: Parkway State 17 Con #2H
Survey: 04/28/10



Azimuths to Grid North
True North 0 00°
Magnetic North 0 00°
Magnetic Field
Dip Angle: 0 00°
Date 5/1/2010
Model igrf2000

South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]