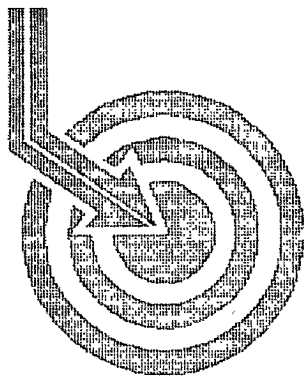




Scientific Drilling

RECEIVED

APR 01 2009

HOBBSOCD

CHEVRON

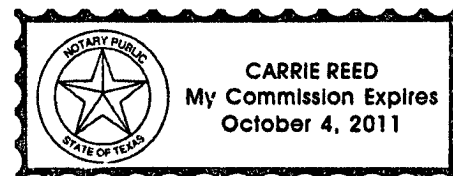
Field: Central Vacuum
Site: Lea County, NM
Well: CVU #457WI
Wellpath: DH - Job #35D1008748
Survey: 11/6/08-11/13/08

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

Lu Harts.....Company Representative

Notorized this date 30th of March, 2009.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company:	CHEVRON	Date:	03/30/2009	Time:	10:37:59	Page:	1
Field:	Central Vacuum	Co-ordinate(N/E) Reference:	Site: Lea County, NM, Grid-North				
Site:	Lea County, NM	Vertical (TVD) Reference:	SITE 0.0				
Well:	CVU #457WI	Section (VS) Reference:	Well (0.00N,0.00E,346.00Azi)				
Wellpath:	VH - Job #32K1108871	Survey Calculation Method:	Minimum Curvature Db: Sybase				

Survey:	11/04/08	Start Date:	11/04/2008
	KSRG 0'-1470'		
Company:	Scientific Drilling Internatio	Engineer:	Garza w/P&M
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	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.47	147.30	100.00	-0.39	-0.35	0.22	0.47	0.41	147.30
200.00	0.19	11.25	200.00	-0.63	-0.53	0.48	0.62	0.71	137.98
300.00	0.20	308.15	300.00	-0.34	-0.26	0.37	0.20	0.45	124.76
400.00	0.28	245.46	400.00	-0.25	-0.25	0.01	0.26	0.25	177.47
500.00	0.33	241.91	500.00	-0.36	-0.49	-0.47	0.05	0.67	223.63
600.00	0.38	233.89	599.99	-0.56	-0.82	-0.99	0.07	1.28	230.32
700.00	0.16	270.37	699.99	-0.65	-1.01	-1.39	0.27	1.72	233.99
800.00	0.17	134.94	799.99	-0.74	-1.12	-1.43	0.31	1.81	231.98
900.00	0.35	144.52	899.99	-1.15	-1.47	-1.15	0.18	1.87	217.95
1000.00	0.43	162.48	999.99	-1.81	-2.08	-0.86	0.15	2.25	202.41
1100.00	0.54	180.46	1099.99	-2.64	-2.91	-0.75	0.19	3.00	194.43
1200.00	0.58	213.39	1199.98	-3.44	-3.80	-1.03	0.32	3.94	195.16
1300.00	0.49	189.58	1299.98	-4.17	-4.64	-1.38	0.24	4.85	196.54
1400.00	0.74	196.44	1399.97	-5.12	-5.69	-1.63	0.26	5.92	196.03
1470.00	0.78	197.02	1469.96	-5.92	-6.57	-1.90	0.06	6.84	196.13



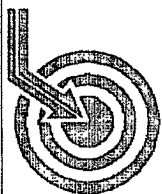
Scientific Drilling International Survey Report

Company: CHEVRON	Date: 03/30/2009	Time: 10:42:39	Page: 1
Field: Central Vacuum	Co-ordinate(NE) Reference:	Site: Lea County, NM; Grid-North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE: 0.0	
Well: CVU #457WI	Section (VS) Reference:	Well (0.00N,0.00E,346.00Azi)	
Wellpath: DH-Job #35D1008748	Survey Calculation Method:	Minimum Curvature Db: Sybase	

Survey: 11/6/08-11/13/08	Start Date: 11/06/2008
Company: Scientific Drilling Internatio	Engineer: Richardson/Alexander/Morrison
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
1470.00	0.78	197.02	1469.96	-5.92	-6.57	-1.90	0.00	6.84	196.13
1556.00	0.70	209.71	1555.96	-6.80	-7.59	-2.33	0.21	7.94	197.08
1652.00	0.58	201.46	1651.95	-7.62	-8.55	-2.80	0.16	9.00	198.13
1748.00	0.78	211.48	1747.94	-8.47	-9.56	-3.32	0.24	10.12	199.15
1842.00	0.64	212.60	1841.94	-9.28	-10.55	-3.94	0.15	11.26	200.47
1937.00	0.61	205.38	1936.93	-10.04	-11.45	-4.44	0.09	12.28	201.19
2032.00	0.51	218.18	2031.93	-10.69	-12.24	-4.92	0.17	13.19	201.88
2127.00	0.54	214.53	2126.92	-11.25	-12.94	-5.43	0.05	14.04	202.77
2319.00	0.24	168.54	2318.92	-12.25	-14.08	-5.87	0.21	15.26	202.61
2511.00	0.10	135.44	2510.92	-12.79	-14.60	-5.67	0.09	15.66	201.22
2702.00	0.44	68.89	2701.92	-12.84	-14.45	-4.87	0.21	15.25	198.61
2893.00	0.53	60.44	2892.91	-12.52	-13.75	-3.41	0.06	14.17	193.95
2988.00	0.65	68.60	2987.90	-12.33	-13.34	-2.53	0.15	13.58	190.74
3084.00	1.62	350.67	3083.89	-10.91	-11.80	-2.24	1.68	12.01	190.77
3147.00	3.99	347.92	3146.81	-7.83	-8.78	-2.85	3.77	9.23	197.97
3179.00	4.44	344.19	3178.72	-5.48	-6.50	-3.42	1.65	7.34	207.74
3210.00	4.49	342.21	3209.63	-3.07	-4.19	-4.12	0.52	5.87	224.50
3242.00	4.96	343.84	3241.52	-0.44	-1.67	-4.88	1.53	5.16	251.16
3274.00	6.16	346.72	3273.37	2.66	1.33	-5.66	3.85	5.82	283.25
3306.00	7.26	350.68	3305.15	6.40	5.00	-6.38	3.73	8.11	308.07
3338.00	7.88	351.72	3336.87	10.59	9.17	-7.03	1.98	11.55	322.52
3370.00	7.85	352.65	3368.57	14.95	13.50	-7.62	0.41	15.51	330.56
3401.00	7.79	353.62	3399.28	19.13	17.69	-8.13	0.47	19.47	335.33
3432.00	7.48	353.53	3430.00	23.21	21.78	-8.59	1.00	23.42	338.48
3464.00	7.38	353.75	3461.74	27.32	25.90	-9.05	0.32	27.43	340.74
3493.00	7.40	351.83	3490.50	31.02	29.60	-9.51	0.85	31.09	342.18
3525.00	8.12	347.54	3522.20	35.33	33.84	-10.30	2.89	35.37	343.08
3557.00	9.09	344.97	3553.84	40.12	38.49	-11.44	3.26	40.16	343.45
3589.00	9.36	343.85	3585.43	45.24	43.43	-12.82	1.01	45.28	343.56
3621.00	9.26	344.47	3617.01	50.42	48.41	-14.23	0.44	50.46	343.62
3652.00	9.04	344.54	3647.61	55.35	53.16	-15.55	0.71	55.39	343.70
3684.00	9.35	345.13	3679.20	60.46	58.10	-16.88	1.01	60.50	343.79
3716.00	9.56	344.66	3710.77	65.71	63.17	-18.25	0.70	65.76	343.88
3812.00	10.26	344.01	3805.33	82.23	79.08	-22.72	0.74	82.28	343.97
3908.00	9.77	344.38	3899.87	98.91	95.14	-27.27	0.51	98.97	344.01
4004.00	9.28	344.36	3994.55	114.79	110.44	-31.55	0.51	114.86	344.06
4100.00	10.09	346.22	4089.18	130.94	126.06	-35.64	0.90	131.00	344.21
4195.00	9.90	347.09	4182.74	147.43	142.11	-39.44	0.26	147.48	344.49
4290.00	9.55	346.78	4276.37	163.47	157.74	-43.07	0.37	163.51	344.73
4385.00	9.68	346.30	4370.04	179.34	173.17	-46.76	0.16	179.37	344.89
4480.00	9.54	346.77	4463.70	195.20	188.59	-50.46	0.17	195.23	345.02
4575.00	9.36	347.38	4557.41	210.79	203.80	-53.95	0.22	210.81	345.17
4671.00	10.73	345.63	4651.94	227.53	220.07	-57.87	1.46	227.55	345.27
4767.00	10.78	346.72	4746.25	245.45	237.47	-62.15	0.22	245.46	345.33
4863.00	10.69	346.99	4840.57	263.33	254.88	-66.22	0.11	263.34	345.44
4964.00	10.88	347.34	4939.79	282.22	273.31	-70.42	0.20	282.23	345.55



Scientific
Drilling

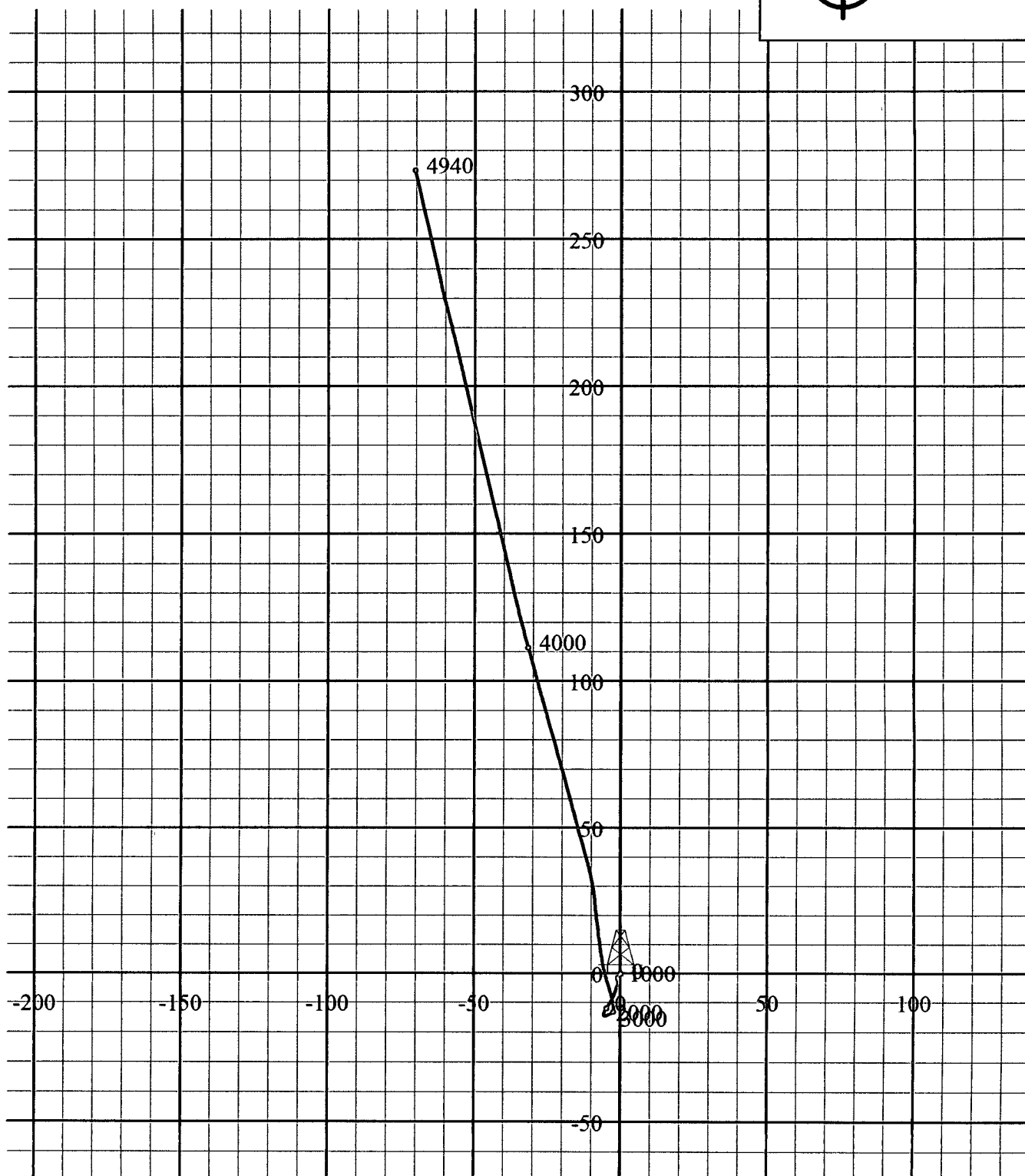
Field: Central Vacuum
Site: Lea County, NM
Well: CVU #457WI
Wellpath: DH - Job #35D1008748
Survey: 11/6/08-11/13/08



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 03/30/2009
Model: igrf2000

South(-)/North(+) [50ft/in]



West(-)/East(+) [50ft/in]