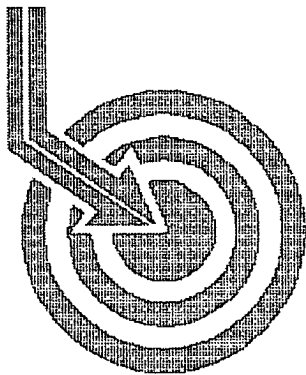


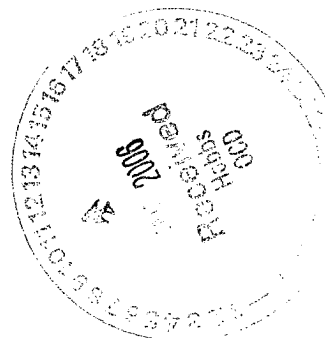


Scientific Drilling

SUR: C-31-17s-35e, 660/N & 1980/W
BHL: A-36-17s-34e, 642/N & 71/E
API # 30-025-02958

CHEVRON

Field: Central Vacuum
Site: Lea County, NM
Well: CVU #49H
Wellpath: DH - Job #32D1005759
Survey: 10/17/05-10/27/05

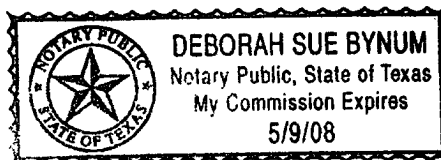


This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Deborah Sue Bynum.....Company Representative

Notorized this date 10th of November, 2005.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CHEVRON
Field: Central Vacuum
Site: Lea County, NM
Well: CVU #49H
Wellpath: VH - Job #32K0905673

Date: 11/10/2005 Time: 19:15:00 Page: 1
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.50Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 09/13/05 Start Date: 9/13/2005
Company: Scientific Drilling Internatio Engineer: Foster w/Baker Inteq
Tool: Keeper;Keeper Gyro Tied-to: From Surface

Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.44	332.67	100.00	0.18	0.34	-0.18	0.44	0.38	332.67
200.00	0.52	333.78	200.00	0.56	1.09	-0.55	0.08	1.22	333.08
300.00	0.49	345.87	299.99	0.87	1.91	-0.86	0.11	2.09	335.82
400.00	0.67	346.60	399.99	1.12	2.89	-1.10	0.18	3.10	339.23
500.00	0.87	358.51	499.98	1.29	4.22	-1.25	0.26	4.40	343.47
600.00	0.94	3.71	599.96	1.27	5.80	-1.22	0.11	5.93	348.12
700.00	1.02	18.29	699.95	0.95	7.46	-0.89	0.26	7.52	353.22
800.00	1.12	24.34	799.93	0.29	9.20	-0.21	0.15	9.20	358.72
900.00	1.54	15.11	899.91	-0.45	11.39	0.55	0.47	11.40	2.75
1000.00	2.46	7.34	999.84	-1.04	14.81	1.17	0.96	14.86	4.53
1100.00	3.91	13.70	1099.69	-2.08	20.25	2.25	1.49	20.38	6.35
1200.00	4.06	32.32	1199.45	-4.72	26.56	4.95	1.30	27.02	10.57
1300.00	1.98	44.75	1299.31	-7.79	30.78	8.06	2.17	31.82	14.68
1400.00	1.06	39.68	1399.27	-9.58	32.72	9.87	0.93	34.17	16.79
1500.00	0.41	119.39	1499.26	-10.48	33.25	10.77	1.07	34.95	17.95
1600.00	0.33	100.47	1599.26	-11.08	33.02	11.37	0.14	34.93	18.99
1700.00	0.30	119.80	1699.26	-11.59	32.84	11.88	0.11	34.92	19.88
1800.00	0.41	19.58	1799.26	-11.94	33.05	12.23	0.55	35.24	20.30
1900.00	1.13	17.54	1899.25	-12.34	34.33	12.64	0.72	36.58	20.22
2000.00	1.67	33.93	1999.22	-13.43	36.48	13.75	0.67	38.98	20.66
2100.00	2.14	50.61	2099.16	-15.67	38.87	16.01	0.72	42.04	22.39
2200.00	1.53	47.74	2199.11	-18.08	40.95	18.44	0.62	44.91	24.24
2300.00	1.97	53.78	2299.07	-20.44	42.87	20.81	0.48	47.65	25.90
2400.00	1.89	19.97	2399.01	-22.37	45.43	22.76	1.12	50.82	26.61
2500.00	2.85	68.60	2498.93	-25.22	47.89	25.64	2.14	54.32	28.17
2600.00	1.70	40.90	2598.86	-28.49	49.92	28.93	1.56	57.69	30.09
2700.00	2.01	43.13	2698.80	-30.64	52.32	31.10	0.32	60.86	30.73
2800.00	2.11	66.46	2798.74	-33.51	54.33	33.99	0.84	64.09	32.03
2900.00	0.63	197.26	2898.72	-35.03	54.54	35.51	2.57	65.08	33.07
3000.00	0.48	99.60	2998.72	-35.29	53.95	35.76	0.84	64.72	33.54
3100.00	0.60	126.12	3098.71	-36.13	53.57	36.60	0.27	64.88	34.34
3200.00	0.55	141.98	3198.71	-36.85	52.88	37.32	0.17	64.72	35.21
3300.00	0.53	131.85	3298.70	-37.50	52.20	37.96	0.10	64.54	36.02
3400.00	0.54	166.47	3398.70	-37.96	51.43	38.41	0.32	64.19	36.75
3500.00	0.73	169.35	3498.69	-38.20	50.35	38.64	0.19	63.46	37.50
3600.00	0.74	163.84	3598.69	-38.51	49.10	38.94	0.07	62.66	38.41
3700.00	0.89	166.37	3698.68	-38.88	47.72	39.30	0.15	61.82	39.47
3800.00	1.30	172.06	3798.66	-39.24	45.85	39.64	0.42	60.61	40.85
3900.00	1.07	168.42	3898.64	-39.60	43.81	39.98	0.24	59.31	42.39
4000.00	0.63	150.02	3998.63	-40.07	42.42	40.44	0.51	58.61	43.64
4100.00	0.50	151.03	4098.62	-40.57	41.56	40.93	0.13	58.33	44.56
4109.00	0.51	151.51	4107.62	-40.60	41.49	40.97	0.12	58.31	44.64



Scientific Drilling International Survey Report

Company: CHEVRON	Date: 11/10/2005	Time: 19:24:04	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 #49H	Section (VS) Reference:	Well (0.00N,0.00E,270.50Azi)	
Wellpath: DH - Job #32D1005759	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 10/17/05-10/27/05 MWD 4040'-6508'	Start Date: 10/10/2005
Company: Scientific Drilling Internatio	Engineer: Lamb/Melendez/Prater/Francis
Tool: MWD;MWD	Tied-to: User Defined

Survey

MD ft	Incl deg	Azlm deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4040.00	0.58	149.93	4038.62	-39.96	42.36	40.33	0.00	58.49	43.59
4040.00	0.58	149.93	4038.62	-39.96	42.36	40.33	0.00	58.49	43.59
4063.00	4.84	263.67	4061.59	-39.05	42.15	39.42	22.18	57.71	43.08
4095.00	6.24	266.41	4093.44	-35.98	41.89	36.35	4.45	55.46	40.94
4128.00	6.68	274.57	4126.23	-32.28	41.94	32.64	3.08	53.14	37.90
4160.00	6.42	269.74	4158.03	-28.63	42.08	29.00	1.90	51.10	34.57
4192.00	6.24	269.91	4189.83	-25.10	42.06	25.47	0.57	49.17	31.19
4223.00	6.33	270.09	4220.64	-21.71	42.06	22.08	0.30	47.51	27.69
4255.00	6.33	269.91	4252.45	-18.18	42.06	18.55	0.06	45.97	23.79
4286.00	6.42	269.30	4283.26	-14.74	42.04	15.11	0.36	44.67	19.76
4317.00	6.42	268.94	4314.06	-11.27	41.99	11.64	0.13	43.57	15.50
4349.00	6.42	269.03	4345.86	-7.70	41.92	8.06	0.03	42.69	10.89
4394.00	6.37	270.50	4390.58	-2.69	41.90	3.05	0.38	42.01	4.16
4426.00	16.09	273.75	4421.93	3.53	42.21	-3.16	30.43	42.33	355.71
4457.00	26.49	274.44	4450.78	14.75	43.03	-14.37	33.56	45.37	341.53
4489.00	37.04	272.77	4477.95	31.55	44.05	-31.16	33.08	53.96	324.72
4521.00	44.95	263.73	4502.10	52.45	43.28	-52.08	30.84	67.71	309.73
4536.00	49.76	263.98	4512.26	63.41	42.10	-63.05	32.09	75.81	303.73
4553.00	55.16	263.14	4522.61	76.79	40.58	-76.43	32.00	86.54	297.97
4584.00	62.49	268.17	4538.66	103.19	38.62	-102.85	27.41	109.87	290.58
4616.00	67.42	267.52	4552.20	132.14	37.53	-131.82	15.52	137.05	285.89
4647.00	72.36	267.29	4562.86	161.20	36.21	-160.89	15.95	164.91	282.68
4678.00	76.93	267.40	4571.06	191.04	34.83	-190.74	14.75	193.89	280.35
4710.00	81.73	267.46	4576.99	222.43	33.42	-222.15	15.00	224.65	278.55
4742.00	86.40	265.79	4580.29	254.17	31.54	-253.91	15.49	255.86	277.08
4773.00	89.63	266.05	4581.37	285.05	29.34	-284.81	10.45	286.31	275.88
4805.00	89.56	267.04	4581.59	316.98	27.41	-316.75	3.10	317.93	274.95
4837.00	89.43	266.69	4581.88	348.91	25.66	-348.70	1.17	349.64	274.21
4868.00	89.90	264.65	4582.06	379.80	23.32	-379.61	6.75	380.32	273.52
4900.00	89.63	263.25	4582.19	411.59	19.95	-411.43	4.46	411.91	272.78
4931.00	89.70	264.44	4582.37	442.38	16.62	-442.25	3.85	442.56	272.15
4963.00	89.80	265.45	4582.51	474.23	13.80	-474.12	3.17	474.33	271.67
4995.00	89.73	266.30	4582.64	506.12	11.50	-506.04	2.67	506.17	271.30
5026.00	89.70	264.32	4582.79	536.99	8.97	-536.94	6.39	537.01	270.96
5058.00	89.63	264.34	4582.98	568.81	5.80	-568.78	0.23	568.81	270.58
5090.00	87.95	267.50	4583.66	600.69	3.53	-600.68	11.18	600.70	270.34
5121.00	87.50	267.99	4584.89	631.63	2.31	-631.64	2.15	631.64	270.21
5153.00	87.68	267.53	4586.23	663.57	1.06	-663.58	1.54	663.58	270.09
5185.00	87.58	265.64	4587.56	695.46	-0.84	-695.50	5.91	695.50	269.93
5216.00	86.59	270.02	4589.13	726.38	-2.02	-726.43	14.47	726.43	269.84
5248.00	85.59	271.88	4591.32	758.30	-1.49	-758.35	6.59	758.35	269.89
5280.00	85.93	273.37	4593.68	790.19	-0.03	-790.22	4.76	790.22	270.00
5312.00	86.67	272.39	4595.75	822.10	1.58	-822.12	3.83	822.12	270.11
5343.00	86.60	270.40	4597.57	853.04	2.33	-853.05	6.41	853.06	270.16
5374.00	86.20	272.17	4599.51	883.98	3.03	-883.98	5.84	883.99	270.20
5406.00	85.96	269.42	4601.70	915.90	3.47	-915.90	8.61	915.91	270.22
5438.00	85.89	271.06	4603.98	947.81	3.60	-947.82	5.12	947.83	270.22
5469.00	84.60	273.08	4606.55	978.69	4.72	-978.69	7.71	978.70	270.28
5501.00	84.51	274.35	4609.58	1010.50	6.78	-1010.48	3.96	1010.50	270.38



Scientific Drilling International Survey Report

Company: CHEVRON
Field: Central Vacuum
Site: Lea County, NM
Well: CVU #49H
Wellpath: DH - Job #32D1005759

Date: 11/10/2005 Time: 19:24:04 Page: 2
Co-ordinate(NE) Reference: Site: Lea County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.50Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
5532.00	84.34	272.55	4612.59	1041.31	8.64	-1041.27	5.80	1041.31	270.48
5563.00	84.88	271.80	4615.51	1072.16	9.81	-1072.11	2.97	1072.16	270.52
5594.00	84.54	271.14	4618.37	1103.02	10.60	-1102.97	2.39	1103.02	270.55
5626.00	84.20	269.95	4621.50	1134.87	10.90	-1134.82	3.85	1134.87	270.55
5658.00	84.41	270.07	4624.68	1166.71	10.91	-1166.66	0.75	1166.71	270.54
5689.00	84.64	269.76	4627.64	1197.57	10.86	-1197.52	1.24	1197.57	270.52
5721.00	84.37	270.06	4630.70	1229.42	10.81	-1229.37	1.26	1229.42	270.50
5752.00	83.90	269.56	4633.87	1260.25	10.71	-1260.21	2.21	1260.25	270.49
5784.00	83.94	269.62	4637.26	1292.07	10.48	-1292.03	0.22	1292.07	270.46
5816.00	81.83	270.28	4641.22	1323.82	10.46	-1323.78	6.90	1323.82	270.45
5847.00	82.00	269.83	4645.58	1354.51	10.49	-1354.47	1.54	1354.51	270.44
5879.00	82.27	269.83	4649.96	1386.21	10.39	-1386.17	0.84	1386.21	270.43
5911.00	82.31	269.93	4654.25	1417.91	10.32	-1417.88	0.33	1417.92	270.42
5942.00	82.55	269.38	4658.34	1448.64	10.14	-1448.61	1.92	1448.64	270.40
5974.00	82.78	271.26	4662.42	1480.38	10.32	-1480.34	5.87	1480.38	270.40
6005.00	82.75	271.22	4666.33	1511.13	10.98	-1511.09	0.16	1511.13	270.42
6037.00	83.02	271.56	4670.29	1542.88	11.75	-1542.83	1.35	1542.88	270.44
6068.00	82.78	271.67	4674.12	1573.63	12.62	-1573.58	0.85	1573.63	270.46
6100.00	82.58	271.82	4678.20	1605.37	13.59	-1605.31	0.78	1605.37	270.48
6132.00	82.61	271.16	4682.32	1637.09	14.41	-1637.03	2.05	1637.09	270.50
6163.00	84.14	269.44	4685.90	1667.88	14.57	-1667.82	7.40	1667.88	270.50
6195.00	84.00	268.75	4689.21	1699.70	14.07	-1699.65	2.19	1699.70	270.47
6227.00	83.56	270.60	4692.67	1731.51	13.89	-1731.46	5.91	1731.51	270.46
6259.00	83.43	271.03	4696.30	1763.30	14.34	-1763.25	1.40	1763.30	270.47
6290.00	83.63	270.65	4699.79	1794.11	14.79	-1794.05	1.38	1794.11	270.47
6321.00	83.63	270.97	4703.23	1824.91	15.23	-1824.85	1.03	1824.91	270.48
6353.00	83.22	270.68	4706.90	1856.70	15.69	-1856.64	1.57	1856.70	270.48
6384.00	83.12	270.19	4710.58	1887.48	15.92	-1887.42	1.60	1887.48	270.48
6416.00	83.22	270.33	4714.39	1919.26	16.06	-1919.19	0.54	1919.26	270.48
6448.00	84.48	270.71	4717.82	1951.07	16.35	-1951.00	4.11	1951.07	270.48
6479.00	84.47	271.04	4720.80	1981.93	16.82	-1981.85	1.06	1981.93	270.49
6508.00	84.34	270.52	4723.63	2010.79	17.22	-2010.71	1.84	2010.79	270.49

643' N 31' E



**Scientific
Drilling**

Field: Central Vacuum
Site: Lea County, NM
Well: CVU #49H
Wellpath: DH - Job #32D1005759
Survey: 10/17/05-10/27/05

G/T/M

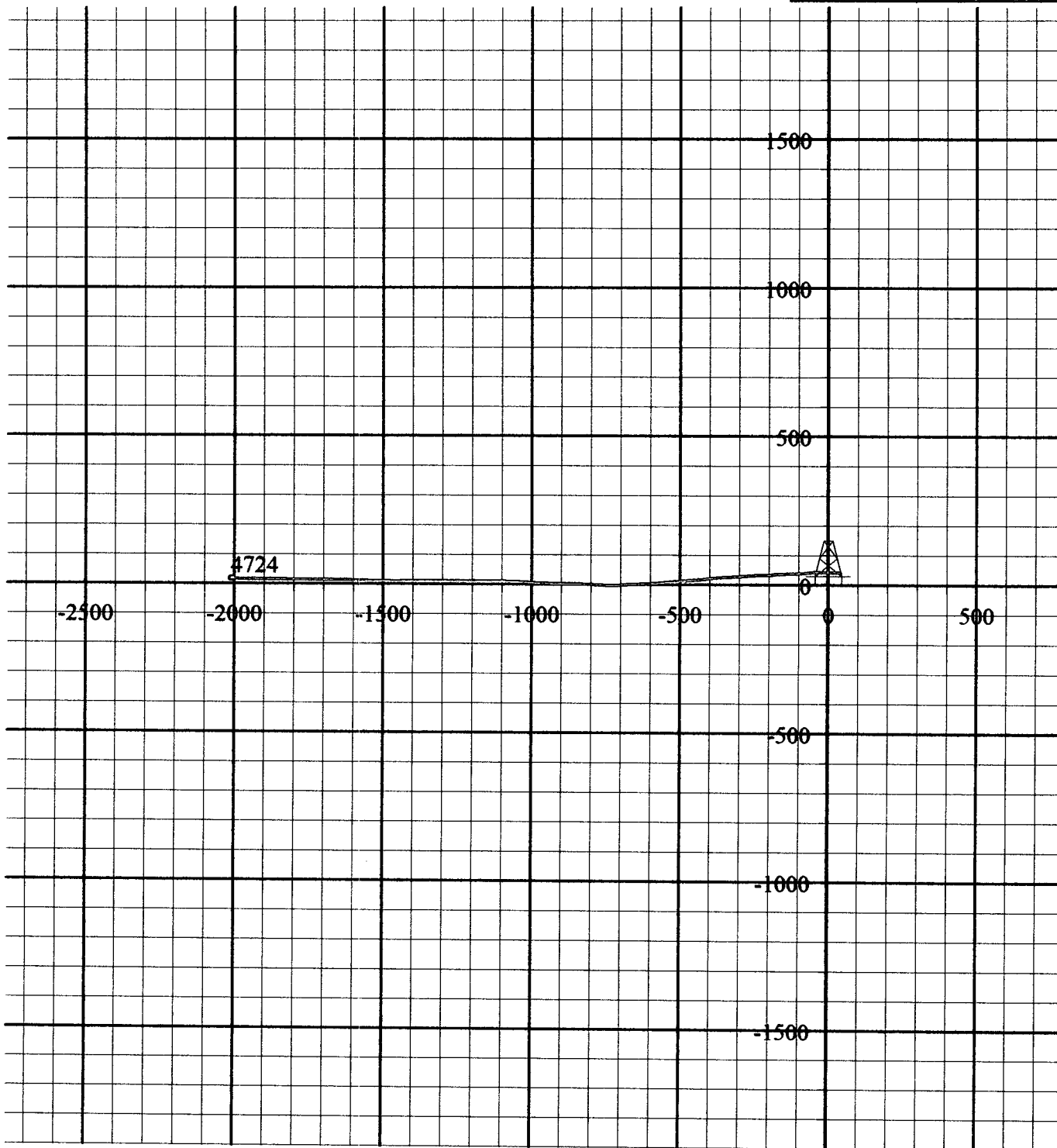


Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°



Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 11/10/2005
Model: igrf2000

South(-)/North(+) [500ft/in]



West(-)/East(+) [500ft/in]