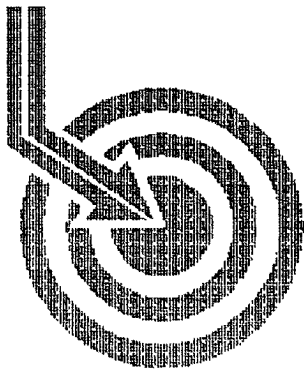




Scientific Drilling

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FEB 20 2009

HOBBSOCD

30-025-39D94

CHEVRON

Field: Central Vacuum
Site: Lea County, NM
Well: CVU #435
Wellpath: VH - Job #32K1108871
Survey: 11/04/08

*This well was not directionally
drilled. Directional survey only
goes to 1470' inclination never
over 2°.*

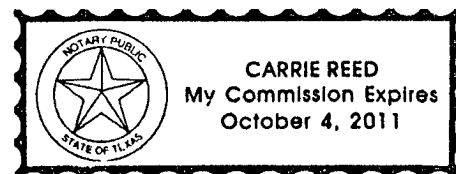
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....L. Wharton..... Company Representative

Notorized this date 22nd of December, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: CHEVRON	Date: 12/17/2008	Time: 14:03:02	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 #435	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
Company: Scientific Drilling Internatio	Engineer: Garza w/P&M
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

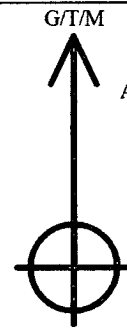
Survey

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

Field: Central Vacuum
Site: Lea County, NM
Well: CVU #435
Wellpath: VH - Job #32K1108871
Survey: 11/04/08



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

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 12/17/2008
Model: igrf2000

West(-)/East(+) [1ft/in]

South(-)/North(+) [1ft/in]

