

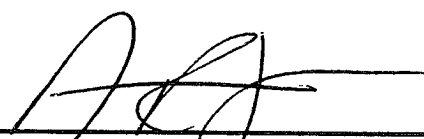
Chevron North American Exploration
15 Smith Road
Midland, TX 79705

GL Erwin Federal B NCT2 #14
Lea County, New Mexico

P-35-245-37e

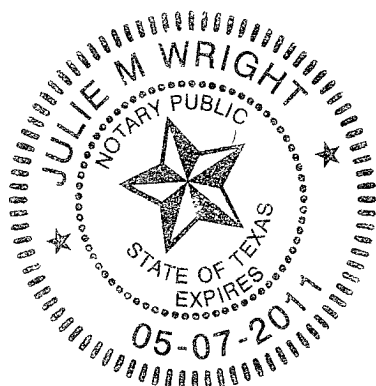
30-025-38895
1225/5 & 1015/E

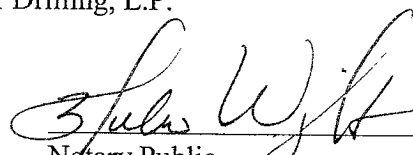
252	2.52	1.2	2.10	5.29	5.29
637	3.85	1	1.75	6.74	12.03
975	3.38	1.4	2.45	8.28	20.31
1248	2.73	0.6	1.05	2.87	23.18
1760	5.12	3.8	6.65	34.05	57.23
1919	1.59	4.4	7.70	12.24	69.47
2015	0.96	4.5	7.88	7.56	77.03
2048	0.33	4.7	8.23	2.71	79.74
2175	1.27	4.1	7.18	9.11	88.85
2238	0.63	3.3	5.78	3.64	92.49
2302	0.64	3.1	5.43	3.47	95.96
2366	0.64	2.4	4.20	2.69	98.65
2461	0.95	1.5	2.63	2.49	101.15
2679	2.18	0.6	1.05	2.29	103.44
2969	2.90	0.3	0.53	1.52	104.96
3478	5.09	0.2	0.35	1.78	106.74
3857	3.79	0.9	1.58	5.97	112.71



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 30th day of
June, 2008 by Archie Brown - General Manager, CapStar Drilling, L.P.





Notary Public

Kz

Results of Directional Survey

API number:	30-025-38895	Chevron USA INC	
OGRID:		Operator:	YATES PETROLEUM CORP
		Property:	G L ERWIN B FEDERAL NCT-2 # 14

surface	ULSTR:	P	35	T	24S	R	37E
			1225	FSL	1015	FEL	

BH Loc	ULSTR:	P	35	T	24S	R	37E
			1278	FSL	971	FEL	

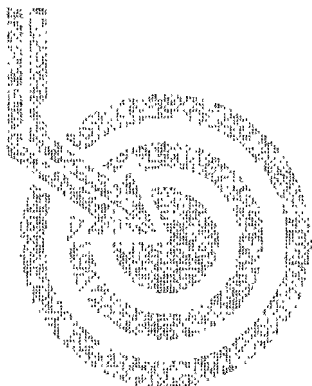
	MD	N/S	E/W	VD
	3400	52.13	47.66	3398.18
TOP PERFS/OH	3416	52.16	47.54	3414.18
	3500	52.34	46.92	3498.17
	3600	52.39	46.15	3598.17
BOT PERFS/OH	3725	52.53	45.19	3723.17
	3687	52.49	45.48	3685.17

NEXT TO LAST	3600	52.39	46.15	3598.17
LAST READING	3687	52.49	45.48	3685.17
TD	3857	52.69	44.17	3855.17

Surface Location	1225	FS	1015	FE
Projected BHL	1278	FS	971	FE
Location of				
Top Perfs/OH	1277	FS	967	FE
Bottom Perfs/OH	1278	FS	970	FE

SUMMARY of Subsurface Locations

Surface Location	P-35-24S-37E	1225	FS	1015	FE	Vert. Depth
Top Perfs/OH	P-35-24S-37E	1277	FS	967	FE	3414.18
Bottom Perfs/OH	P-35-24S-37E	1278	FS	970	FE	3723.17
Projected TD	P-35-24S-37E	1278	FS	971	FE	3855.17



Scientific Drilling

SUR: P-35-24s-37e, 1225/S & 1015/E
BHL: P-35-24s-37e, 1278/S & 971/E
API #30-025-38895

CHEVRON

Field: GL Erwin
Site: Lea County, NM
Well: GL Erwin Federal B NCT-2 #14
Wellpath: VH - Job #32K0708492
Survey: 07/01/08

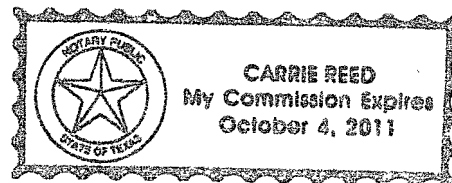
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Fluorhant.....Company Representative

Notorized this date 4th of August, 2008.

Carrie Reed

Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: CHEVRON	Date: 07/31/2008	Time: 21:33:45	Page: 1
Field: GL Erwin	Co-ordinate(NE) Reference:	Site: Lea County, NM, Grid North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: GL Erwin Federal B NCT-2 #14	Section (VS) Reference:	Well (0.00N,0.00E,40.91Azi)	
Wellpath: VH - Job #32K0708492	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 07/01/08	Start Date: 07/01/2008
KSRG 0'-3687'	
Company: Scientific Drilling Internatio	Engineer: Geubara w/Gray
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.40	357.13	100.00	0.25	0.35	-0.02	0.40	0.35	357.13
200.00	0.42	341.23	200.00	0.69	1.04	-0.15	0.12	1.06	351.67
300.00	0.49	350.08	299.99	1.14	1.81	-0.34	0.10	1.84	349.24
400.00	0.51	24.04	399.99	1.84	2.64	-0.24	0.29	2.65	354.87
500.00	0.43	18.90	499.99	2.61	3.40	0.07	0.09	3.40	1.11
600.00	0.52	22.33	599.98	3.39	4.18	0.36	0.09	4.19	4.93
700.00	0.39	30.51	699.98	4.16	4.89	0.71	0.15	4.94	8.21
800.00	0.74	28.04	799.97	5.12	5.75	1.18	0.35	5.87	11.61
900.00	0.82	13.30	899.97	6.38	7.02	1.65	0.22	7.21	13.23
1000.00	0.85	22.58	999.96	7.72	8.40	2.10	0.14	8.66	14.03
1100.00	0.72	15.95	1099.95	9.00	9.69	2.56	0.16	10.02	14.78
1200.00	0.71	19.60	1199.94	10.14	10.88	2.94	0.05	11.27	15.11
1300.00	0.83	37.39	1299.93	11.44	12.04	3.58	0.27	12.56	16.59
1400.00	1.25	31.43	1399.91	13.24	13.54	4.59	0.43	14.30	18.74
1500.00	1.33	34.02	1499.89	15.47	15.43	5.81	0.10	16.49	20.63
1600.00	1.74	35.41	1599.85	18.13	17.63	7.34	0.41	19.10	22.60
1700.00	3.04	47.13	1699.76	22.28	20.68	10.16	1.38	23.04	26.18
1800.00	4.14	50.35	1799.56	28.48	24.78	14.89	1.12	28.91	30.99
1900.00	4.57	51.81	1899.28	35.95	29.55	20.80	0.44	36.13	35.14
2000.00	4.63	51.94	1998.95	43.82	34.50	27.11	0.06	43.88	38.16
2100.00	4.05	53.23	2098.67	51.24	39.10	33.11	0.59	51.24	40.26
2200.00	3.76	55.11	2198.43	57.86	43.09	38.63	0.32	57.87	41.88
2300.00	2.44	57.45	2298.29	63.08	46.11	43.11	1.33	63.13	43.08
2400.00	1.64	56.76	2398.22	66.50	48.04	46.11	0.80	66.59	43.82
2500.00	0.94	56.82	2498.20	68.67	49.28	47.99	0.70	68.78	44.24
2600.00	0.57	55.26	2598.19	69.94	50.01	49.08	0.37	70.07	44.47
2700.00	0.24	37.28	2698.18	70.63	50.46	49.62	0.35	70.77	44.52
2800.00	0.15	65.04	2798.18	70.96	50.68	49.87	0.13	71.10	44.54
2900.00	0.28	331.20	2898.18	71.16	50.95	49.87	0.33	71.29	44.38
3000.00	0.38	319.86	2998.18	71.30	51.42	49.54	0.12	71.40	43.93
3100.00	0.29	290.91	3098.18	71.26	51.76	49.09	0.19	71.33	43.48
3200.00	0.24	299.93	3198.18	71.14	51.96	48.67	0.06	71.19	43.13
3300.00	0.28	267.26	3298.18	70.93	52.05	48.24	0.15	70.97	42.83
3400.00	0.40	285.24	3398.18	70.61	52.13	47.66	0.16	70.63	42.44
3500.00	0.48	286.31	3498.17	70.28	52.34	46.92	0.08	70.29	41.88
3600.00	0.43	260.24	3598.17	69.82	52.39	46.15	0.21	69.82	41.38
3687.00	0.50	293.48	3685.17	69.45	52.49	45.48	0.32	69.45	40.91



Scientific
Drilling

Field: GL Erwin
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