

Results of Directional Survey

API number:	30-025-38413		
OGRID:		Operator:	CHEVRON U S A INC
		Property:	G L ERWIN B FEDERAL NCT 2 # 13

surface	ULSTR: I	35	T 24S	R 37E
		2430 FSL	660 FEL	

BH Loc	ULSTR: I	35	T 24S	R 37E
		2356 FSL	561 FEL	

	MD	N/S	E/W	VD
	3300	-60.91	101.86	3295.61
TOP PERFS/OH	3386	-62.95	101.25	3381.52
	3400	-63.28	101.15	3395.50
	3700	-69.86	99.43	3695.50
BOT PERFS/OH	3756	-71.43	99.21	3751.48
	3800	-72.67	99.04	3795.46

NEXT TO LAST	3700	-69.86	99.43	3695.50
LAST READING	3800	-72.67	99.04	3795.46
TD	3850	-74.08	98.85	3845.44

Surface Location	2430 FS	660 FE
Projected BHL	2356 FS	561 FE
Location of		
Top Perfs/OH	2367 FS	559 FE
Bottom Perfs/OH	2359 FS	561 FE

SUMMARY of Subsurface Locations

Surface Location	I-35-24S-37E	2430 FS	660 FE	Vert Depth
Top Perfs/OH	I-35-24S-37E	2367 FS	559 FE	3381.52
Bottom Perfs/OH	I-35-24S-37E	2359 FS	561 FE	3751.48
Projected TD	I-35-24S-37E	2356 FS	561 FE	3845.44

Chevron North American Exploration
15 Smith Road
Midland, TX 79705

SUR: I-35-24S-37E, 2430/S & 660/E
BHL: I-35-24S-37E, 2356/S & 561/E
API # 30-025-38413

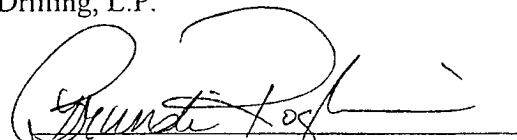
G L Erwin "B" Fed. NCT -2 # 13
Lea County, New Mexico

250	2.50	1/2	0.88	2.19	2.19
513	2.63	1	1.75	4.60	6.79
754	2.41	1/2	0.88	2.11	8.90
995	2.41	1 3/4	3.06	7.38	16.28
1495	5.00	1	1.75	8.75	25.03
1921	4.26	5	8.75	37.28	62.30
1985	0.64	5	8.75	5.60	67.90
2176	1.91	6	10.50	20.06	87.96
2289	1.13	5	8.75	9.89	97.85
2385	0.96	3 1/2	6.125	5.88	103.73
2480	0.95	2 1/2	4.38	4.16	107.88
2576	0.96	1 1/4	2.19	2.10	109.98
2826	2.50	3/4	1.31	3.28	113.26
3055	2.29	1 1/4	2.19	5.01	118.27
3183	1.28	1 1/2	2.63	3.36	121.63
3455	2.72	1 1/2	2.63	7.14	128.77
3821	3.66	1 1/2	2.63	9.61	138.38
3850	0.29	1 1/2	2.63	0.76	139.14



Archie Brown - General Manager

The attached instrument was acknowledged before me on the 31 day of
July, 2007 by Archie Brown - General Manager, CapStar Drilling, L.P.


Notary Public