

Date: 2-16-97

Time: 04:09:00

CHEVRON

EMSU 271

LEA CO. NM.

PRIDE

Surface 660/N & 1980/E
 BHL 648/N & 1959/E

B-11-21s-3be

30-025-04612

ALL DEPTHS REFERENCED TO RKB

ALL DIRECTIONS REFERENCED TO TRUE NORTH

SURVEYORS: D.CADENA \

Survey Reference Point : 0.0

Local Grid Offset : 0.0

Drift Correction Method: Constant Rate from initial to final sighting

Survey Computation Method: Minimum Curvature

Target Direction: 134.00

FINAL DATA (INRUN)

Measured Depth (feet)	Course Inclination	Course Direction	Vertical Depth (feet)	Rectangular Coordinates N/S E/W		Vertical Section	Dogleg Severity (per100)
0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00
100.00	0.27	186.33	100.00	-0.23	-0.03	0.14	0.27
200.00	0.38	192.07	200.00	-0.79	-0.12	0.46	0.12
300.00	0.44	150.29	300.00	-1.45	0.00	1.01	0.30
400.00	0.46	91.16	399.99	-1.79	0.60	1.68	0.45
500.00	0.40	84.75	499.99	-1.77	1.35	2.20	0.08
600.00	0.56	79.40	599.99	-1.64	2.18	2.71	0.16
700.00	0.40	65.50	699.98	-1.41	2.98	3.12	0.19
800.00	0.39	45.80	799.98	-1.02	3.54	3.26	0.14
900.00	0.26	62.67	899.98	-0.68	3.99	3.34	0.17
1000.00	0.18	81.16	999.98	-0.56	4.34	3.51	0.10
1100.00	0.09	18.19	1099.98	-0.46	4.52	3.57	0.16
1200.00	0.00	326.23	1199.98	-0.38	4.54	3.53	0.09
1300.00	0.06	240.78	1299.98	-0.41	4.49	3.51	0.06
1400.00	0.12	256.88	1399.98	-0.46	4.35	3.45	0.06
1500.00	0.20	174.98	1499.98	-0.66	4.26	3.52	-0.22
1600.00	0.34	160.44	1599.98	-1.12	4.37	3.92	0.15
1700.00	0.19	133.13	1699.97	-1.51	4.59	4.35	0.19
1800.00	0.23	105.97	1799.97	-1.68	4.91	4.70	0.10
1900.00	0.25	107.52	1899.97	-1.80	5.31	5.07	0.03
2000.00	0.24	73.48	1999.97	-1.81	5.72	5.37	0.14
2100.00	0.62	31.83	2099.97	-1.29	6.21	5.36	0.47
2200.00	1.17	24.60	2199.95	0.10	6.92	4.91	0.56
2300.00	1.53	29.61	2299.93	2.20	8.01	4.23	0.38
2400.00	1.68	39.80	2399.89	4.49	9.61	3.79	0.32
2500.00	1.90	38.03	2499.84	6.92	11.57	3.52	0.23
2600.00	1.56	68.92	2599.79	8.71	13.86	3.92	0.98
2700.00	1.24	63.51	2699.76	9.69	16.10	4.85	0.34
2800.00	0.79	59.50	2799.75	10.52	17.66	5.40	0.46
2900.00	0.60	60.69	2899.74	11.13	18.71	5.73	0.19
3000.00	0.33	81.72	2999.74	11.43	19.45	6.05	0.32

Measured Depth (feet)	Course Inclination	Course Direction	Vertical Depth (feet)	Rectangular Coordinates		Vertical Section	Dogleg Severity (per100)
				N/S	E/W		
3100.00	0.24	172.82	3099.73	11.26	19.77	6.40	0.41
3200.00	0.09	206.75	3199.73	10.98	19.76	6.59	0.18
3300.00	0.31	55.55	3299.73	11.06	19.94	6.66	0.39
3400.00	0.32	25.66	3399.73	11.46	20.28	6.63	0.16
3500.00	0.54	45.53	3499.73	12.03	20.74	6.56	0.26
3580.00	0.48	68.33	3579.73	12.42	21.32	6.71	0.26

Final Closure - Direction 59.78 degrees
- Distance: 24.67 feet