

SURVEY CALCULATION REPORT
ver - 1.27

Company: Mewbourne Oil Co.
Location: Eddy Countym N.M.
Field:
Declination: 10.00E
Operator: Scientific Drilling
Time: 8-24-91
Filename: MEW1

Probe #: 2126
Section Plane: S 79.80 W
Well no: Kaiser Lake Fed. #1
Vertical Section Origin:
North: 0.00 East: 0.00
Depth Units -> FEET

Comments:

Data Source (D.S.) types : (Manually entered data starts with '*')

CS - CHAMP Singleshot	MS - Magnetic SS	TD - Total Depth
CM - CHAMP Multishot	MM - Magnetic MS	TI - Tiein Point
CC - CHAMP Compensated	MW - M.W.D.	
GS - Gyro Singleshot	PR - Projection	
GM - Gyro Multishot	ST - Steering Tool	

Calculation Method - Minimum Curvature

**** RECORD OF SURVEY ****

Measured Depth	Inc (deg)	Azimuth (deg)	TVD	T O T A L Rec Coordinates		Vertical Section	Dogleg Severity	D.S.
2615.0	28.50	S 77.07W	2502.9	51.6S	580.7W	580.7	0.00	*TI
2790.0	28.25	S 71.65W	2656.9	74.0S	660.7W	663.4	1.48	CM
2883.0	27.87	S 71.07W	2739.0	88.0S	702.2W	706.6	0.50	CM
2976.0	27.78	S 70.64W	2821.2	102.2S	743.2W	749.5	0.24	CM
3070.0	27.26	S 70.68W	2904.6	116.6S	784.1W	792.4	0.56	CM
3163.0	26.98	S 70.72W	2987.4	130.6S	824.2W	834.3	0.30	CM
3257.0	26.32	S 70.89W	3071.4	144.5S	864.0W	875.9	0.71	CM
3350.0	25.95	S 70.66W	3154.9	157.9S	902.6W	916.4	0.41	CM
3443.0	25.40	S 70.79W	3238.7	171.2S	940.7W	956.1	0.60	CM
3537.0	25.21	S 70.87W	3323.7	184.4S	978.6W	995.8	0.20	CM
3630.0	24.89	S 71.06W	3407.9	197.3S	1015.9W	1034.7	0.35	CM
3723.0	24.39	S 71.65W	3492.5	209.7S	1052.6W	1073.1	0.60	CM
3817.0	24.22	S 71.80W	3578.1	221.8S	1089.3W	1111.4	0.19	CM
3910.0	24.11	S 72.39W	3663.0	233.5S	1125.5W	1149.1	0.28	CM
4003.0	23.83	S 72.37W	3748.0	244.9S	1161.5W	1186.6	0.30	CM
4097.0	23.38	S 72.50W	3834.1	256.3S	1197.4W	1223.9	0.48	CM
4190.0	22.47	S 72.51W	3919.7	267.2S	1232.0W	1259.8	0.98	CM
4283.0	20.95	S 72.55W	4006.1	277.5S	1264.8W	1294.0	1.64	CM
4377.0	19.50	S 72.33W	4094.4	287.3S	1295.8W	1326.2	1.55	CM
4470.0	17.37	S 70.81W	4182.6	296.6S	1323.7W	1355.3	2.34	CM
4564.0	14.51	S 68.80W	4273.0	305.5S	1347.9W	1380.7	3.10	CM
4657.0	11.46	S 68.81W	4363.6	313.0S	1367.4W	1401.2	3.28	CM
4750.0	9.05	S 71.75W	4455.1	318.7S	1382.9W	1417.5	2.65	CM
4844.0	7.88	S 75.33W	4548.1	322.6S	1396.2W	1431.3	1.36	CM
4937.0	6.90	S 79.88W	4640.3	325.2S	1407.9W	1443.2	1.23	CM
5030.0	6.21	S 82.26W	4732.7	326.9S	1418.4W	1453.8	0.79	CM
5124.0	5.54	S 83.93W	4826.2	328.0S	1427.9W	1463.4	0.74	CM
5217.0	4.65	S 86.53W	4918.8	328.7S	1436.1W	1471.7	0.98	CM
5310.0	4.18	S 87.76W	5011.5	329.1S	1443.3W	1478.8	0.52	CM
5404.0	3.89	S 87.79W	5105.3	329.3S	1449.9W	1485.3	0.31	CM