

Well Name: Cooper Federal #1

Location: Sec. 21, T-24-S, R-37-E
Lea County, New Mexico

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
511	511	1/4	.44	2.25	2.25
600	89	1/2	.87	.77	3.02
823	223	3/4	1.31	2.92	5.94
979	156	1/2	.87	1.36	7.30
1168	189	1/4	.44	.83	8.13
1526	358	1	1.75	6.27	14.40
1700	174	3/4	1.31	2.28	16.68
1826	126	1/2	.87	1.10	17.78
1920	220	1/2	.87	1.91	19.69
2080	160	1/2	.87	1.39	21.08
2237	157	1/2	.87	1.37	22.45
2424	187	1/2	.87	1.63	24.08
2648	224	1/2	.87	1.95	26.03
2805	157	1/4	.44	.69	26.72
3116	311	1/2	.87	2.71	29.43
3271	155	1/2	.87	1.35	30.78
3426	155	3/4	1.31	2.03	32.81
3550	124	1	1.75	2.17	34.98
3675	125	1	1.75	2.19	37.17
3832	157	1	1.75	2.75	39.92
4030	198	1	1.75	3.47	43.39
4175	145	3/4	1.31	1.90	45.29
4498	323	1	1.75	5.65	50.94
4843	345	1	1.75	6.04	56.98
5515	672	1/2	.87	5.85	62.83
6033	518	1/2	.87	4.51	67.34
6252	219	1/4	.44	.96	68.30
6473	221	3/4	1.31	2.90	71.20
6692	219	1 1/2	2.62	5.74	76.94
6848	156	1	1.31	2.04	78.98
7056	208	1	1.31	2.72	81.70
7226	170	1 1/2	2.62	4.45	86.15
7320	94	1 3/4	3.05	2.87	89.02
7414	94	1 1/2	2.62	2.46	91.48
7540	126	1 3/4	3.05	3.84	95.32
7635	95	1 1/2	2.62	2.49	97.81
7855	220	1	1.75	3.85	101.66
8012	157	1 1/2	2.62	4.11	105.77
8105	93	2	3.49	3.25	109.02
8199	94	2	3.49	3.28	112.30
8293	94	2	3.49	3.28	115.58

Subscribed and sworn before me this _____ day of _____, 19 _____

My Commission expires _____

C. D. Kiser

Well Name: Cooper Federal #1

Location: .

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
8387	94	2 1/2	4.36	4.10	119.68
8449	156	2 1/3	4.36	6.80	126.48
8544	95	2 3/4	4.80	4.56	131.04
8637	93	2 3/4	4.80	4.46	135.50
8762	125	2 3/4	4.80	6.00	141.50
8920	158	2 3/4	4.80	7.58	149.08
9077	157	2 3/4	4.80	7.54	156.62
9243	166	2 1/4	3.93	6.52	163.14
9421	178	1 3/4	3.05	5.43	168.57
9640	219	1 1/4	2.18	4.77	173.34
9891	251	1 3/4	3.05	7.66	181.00
10111	220	3	5.23	11.51	192.51
10205	94	3 1/4	5.67	5.33	204.02
10300	95	3	5.23	4.97	208.99
10464	164	3 1/4	5.67	9.30	218.29
10723	259	4 1/4	7.41	19.19	237.48
10818	95	4	6.98	6.63	244.11
10.912	94	4	6.98	6.56	250.67
11038	126	3 3/4	6.54	8.24	258.91
11132	94	4	6.98	6.56	265.47
11227	95	4 3/4	8.28	7.87	273.34
11354	127	4 1/2	7.85	9.97	283.31
11469	115	4 3/4	8.28	9.52	292.83
11712	243	5 1/4	9.15	22.23	315.06
11776	64	5	8.72	5.58	320.64
12185	409	6 1/2	11.32	46.30	366.94
12260	75	7 1/4	12.62	9.47	376.41
12131	53	7 1/2	13.05	6.92	383.33
12476	163	7 1/2	13.05	21.27	404.60
12534	58	7 1/2	13.05	7.57	412.17
12603	69	7 1/2	13.05	9.00	421.17
12790	187	7 1/4	12.62	23.60	444.77
13544	754	15	25.88	195.14	639.91
13750	206	15	25.88	53.31	693.22
143.20	570	18	30.90	176.13	869.35
14606	286	19	32.55	93.09	962.44
14785	179	20	34.20	61.22	1023.66
15041	256	20	34.20	87.55	1111.21
15275	234	19	32.55	76.17	1187.38
15940	665	15	25.88	172.10	1359.48

C. D. Kysan

Subscribed and sworn before me this _____ day of _____, 19 _____

My Commission expires _____

Location: . .

Subscribed and sworn before me this 23rd day of April, 19 74
My Commission expires June 1, 1975 Yvonne Carol Montgomery