

BELCO
JAMES RANCH NO. 1
EDDY COUNTY, NEW MEXICO

WILSON DOWNHOLE DIRECTIONAL DRILLING
TRUE 10 DEGREES 30 MINUTES EAST
05-19-81 JOB NO. 08984-D

RECORD OF SURVEY
ALL CALCULATIONS PERFORMED BY DIGITAL ELECTRONIC COMPUTER

RADIUS OF CURVATURE METHOD

MEAS. DRIFT		TRUE VERTICAL DEPTH	VERTICAL SECTION	DRIFT DIREC DEG	PAGE 1	TOTAL COORDINATES		C L O S U R E S DISTANCE	U	M	S	DOG LEG SEVERITY DEG/100FT	
DEPTH	ANGLE					DRIFT	COORDINATES						
500	0	0	500.00	0.00	N	0 E	0.00 E	0.00	N	90	0	0 E	0.000
594	1	0	593.99	-0.80	S	76 W	0.20 S	0.83	S	76	0	0 W	1.354
ASSUMED VERTICAL AT 500' TO 6000' TAKEN FROM SPERRY SUN SURVEY													
685	1	0	684.98	-2.37	S	59 W	0.80 S	2.39	S	70	24	50 W	0.325
777	1	0	776.96	-3.93	S	45 W	1.79 S	3.93	S	63	3	13 W	0.265
869	1	0	868.95	-5.42	S	40 W	2.97 S	5.47	S	57	8	2 W	0.095
960	1	0	959.94	-6.93	S	70 W	3.85 S	7.00	S	56	39	58 W	0.569
1052	1	0	1051.92	-8.36	S	26 W	4.84 S	8.47	S	55	8	53 W	0.814
1144	1	0	1143.91	-9.78	S	76 W	5.76 S	9.93	S	54	32	25 W	0.919
1235	1	0	1234.90	-11.25	S	36 W	6.59 S	11.42	S	54	43	52 W	0.752
1327	1	0	1326.88	-12.73	S	48 W	7.78 S	12.98	S	53	10	37 W	0.227
1419	0	30	1418.87	-13.85	S	35 W	8.65 S	14.16	S	52	22	37 W	0.574
1511	0	45	1510.87	-14.44	S	2 E	9.58 S	14.91	S	50	2	1 W	0.510
1602	1	0	1601.86	-15.43	S	46 W	10.72 S	16.08	S	48	9	37 W	0.829
1694	1	0	1693.84	-16.95	S	45 W	11.85 S	17.68	S	47	55	7 W	0.019
1786	0	45	1785.83	-18.31	S	73 W	12.59 S	19.03	S	48	33	51 W	0.534