

AMOCO PRODUCTION COMPANY
STATE I.R. COM. WELL #1
EDDY COUNTY, NEW MEXICO

WILSON DOWNHOLE DIRECTIONAL DRILLING
10 DEGREES 6 MINUTES EASTERLY
10-31-83, D-66402

PLANE OF PROPOSED DIRECTION IS N45. DEG. 0. MIN. E

RECORD OF SURVEY

ALL CALCULATIONS PERFORMED BY DIGITAL ELECTRONIC COMPUTER

RADIUS OF CURVATURE METHOD

MEAS. DEPTH	DRIFT ANGLE D M	TRUE VERTICAL DEPTH	VERTICAL SECTION	DRIFT DIREC DEG	PAGE 1 TOTAL	COORDINATES	C L O S U R E S DISTANCE D M S	DOG LEG SEVERITY DEG/100FT
4835	2 15	4832.62	-31.53	N 52 W	0.10	N	44.69 N 89 52 18 W	0.000
4886	1 30	4883.59	-31.79	N 57 W	1.08	N	46.06 N 88 39 23 W	1.505
4978	4 0	4975.50	-29.11	N 21 E	4.74	N	46.15 N 84 6 46 W	4.641
COORDINATES AT 4835 FROM WILSON S.S. SURVEY					6.84	N	45.37 N 81 20 27 W	4.235
5008	5 0	5005.41	-26.88	N 31 E	9.67	N	44.70 N 77 30 38 W	6.617
5039	6 30	5036.25	-24.02	N 17 E	13.18	N	44.01 N 72 34 43 W	7.778
5070	8 0	5067.01	-20.37	N 32 E				
					16.91	N	43.03 N 66 51 24 W	0.870
5102	8 0	5098.70	-16.02	N 34 E	20.55	N	41.76 N 60 32 6 W	6.951
5135	9 0	5131.34	-11.18	N 48 E	26.63	N	38.66 N 46 27 50 W	3.583
5197	10 15	5192.47	-0.99	N 59 E	34.31	N	37.44 N 23 36 22 W	0.641
5280	10 45	5274.08	13.65	N 60 E	40.79	N	40.99 N 5 36 24 W	3.644
5342	13 0	5334.75	26.01	N 59 E	50.56	N	52.02 N 13 37 36 E	0.915
5424	13 45	5414.52	44.41	N 59 E				