

ATLANTIC RICHFIELD CO.
EMPIRE 400 UNIT NO. L-151
400 FIELD
CODY COUNTY, NEW MEXICO
WILSON SINGLE SHOT RECORDS

PAGE
NOV. 2, 1971
CLOSURE
531

WILSON DOWNHOLE
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEC MIN	COURSE DIRECTION DEG	DOG-LEG SEV DEG/100	RECTANGULAR NORTH/SOUTH	TOTAL COORDINATES EAST/WEST	VERTICAL SECTION
5373	5569.31	5569.31	4 15	N 20 W	1.61	137.29 N	48.29 W	145.20
5315	5611.20	5611.20	4 15	N 20 W	.90	140.21 N	49.36 W	146.31
5376	5672.01	5672.01	4 30	N 25 W	.75	149.55 N	51.33 W	153.09
5702	5697.53	5697.53	4 30	N 23 W	.60	146.43 N	52.18 W	155.13
5763	5763.89	5763.89	2 0	N 45 W	4.17	148.05 N	53.80 W	157.27
5793	5793.86	5793.86	1 0	N 43 W	3.34	148.44 N	54.16 W	157.78
5925	5920.83	5920.83	1 45	N 60 W	.67	150.33 N	57.52 W	160.97
5950	5945.82	5945.82	1 30	N 40 W	2.46	150.88 N	57.94 W	161.50
6016	6011.79	6011.79	1 30	N 50 W	.40	151.99 N	59.26 W	163.04
6106	6101.76	6101.76	1 30	N 58 W	.23	153.24 N	61.25 W	164.97
6275	6270.66	6270.66	2 0	N 69 W	.36	155.35 N	66.77 W	169.09

** THE CALCULATIONS ARE BASED ON THE TANGENTIAL OR TERMINAL ANGLE METHOD **

THIS SURVEY WAS CALCULATED BY MACHINE COMPUTER UTILIZING PROGRAM FURNISHED BY SPERRY-SUN;
WELL SURVEYING COMPANY, HOUSTON, TEXAS. CALCULATIONS ARE BASED, HOWEVER, UPON INPUT DATA
FURNISHED BY THE CUSTOMER WHO ASSUMES RESPONSIBILITY AND HOLDS SPERRY-SUN WELL SURVEYING
COMPANY HARMLESS FROM LIABILITY.

HORIZONTAL DISPLACEMENT = 169.09 FEET AT NORTH 23 DEG. 15 MIN. WEST (TRUE)