

ARCO OIL AND GAS CO., (1458
SHEET 12-19-65
COLUMBIA CO., ALSTY ORECON
SURVEY TYPE: SINGLE SHOT
SURVEY BY: BOSSMAN DISTRICT
MR. BRILLER K. DAVIS

Well file 12-19-65

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL
DIRECTION: N 59 DEG 49 MIN. W

RECORD OF SURVEY

MODUS OF CURVATURE METHOD

MEASURED DEPTH FEET	ORFET GRABE D N	ORFET DIRECTIION D N	COURSE LENGTH FEET	VERTICAL DEPTH FEET	VERTICAL SECTION FEET	REDTAN S U L A R C O U R D I N A T E S FEET	0096110 SEVERITY 100/100FT
0.	0 0	0 0	0.	0.00	0.00	0.00	0.00
255.	0 30	5 1	255.	255.00	-0.58	1.11 S	0.02 E
463.	0 30	5 20	209.	463.99	-1.22	2.90 S	0.28 U
789.	0 45	5 5	325.	788.97	-2.26	6.34 S	1.07 U
1038.	1 30	5 44	249.	1037.92	-2.69	10.69 S	3.10 U
1287.	2 0	5 48	249.	1286.80	-0.62	15.98 S	8.57 U
1540.	2 30	5 42	253.	1539.61	1.92	23.00 S	15.59 U
1616.	4 0	N 80	76.	1613.48	4.61	29.54 S	19.49 U
1647.	4 30	N 65	31.	1646.40	6.85	22.65 S	21.68 U
1678.	5 0	N 57	31.	1677.29	9.41	22.41 S	23.92 U
1710.	5 45	N 51	32.	1709.15	12.39	20.65 S	26.25 U
1741.	6 45	N 52	41.	1732.96	13.73	18.54 S	28.99 U
1772.	7 15	N 54	31.	1770.73	19.48	16.27 S	32.00 U
1803.	8 0	N 50	41.	1801.46	26.56	13.74 S	35.24 U
1865.	9 15	N 46	62.	1862.76	32.66	7.52 S	42.15 U
1989.	9 0	N 42	124.	1985.19	51.58	6.62 N	55.81 U
2114.	8 15	N 38	125.	2108.77	69.21	20.98 N	67.86 U
2181.	8 45	N 42	67.	2173.04	78.52	28.57 N	74.22 U
2212.	9 0	N 47	31.	2205.67	86.13	31.98 N	77.57 U
2243.	9 0	N 51	41.	2236.38	87.90	35.15 N	81.23 U
2274.	10 0	N 55	31.	2266.86	92.97	38.24 N	85.32 U
2333.	11 15	N 53	59.	2324.85	103.81	44.47 N	94.23 U
2522.	11 0	N 50	189.	2510.29	139.97	66.67 N	123.15 U
2710.	11 0	N 45	188.	2694.84	173.01	90.90 N	149.59 U

FINAL CLOSURE - DIRECTIION: N 58 DEGS 43 MIN 0
 DISTANCE: 173.04 FEET

ARCO OIL AND GAS CO. (1458)
WELL: 12-19-65
COLUMBIA CO., MIST, OREGON

HORIZONTAL PROJECTION
SCALE 1 IN. = 50 FEET
DEPTH INDICATOR: TVD

FINAL STATION:
DEPTH 2710 MD: 2694.84 TVD
NORTH 90.90 WEST 149.59
CLOSURE 175.04 N 58 42 58 W

