

ARCO OIL AND GAS CO. (1640)
WELL: WENSON 14-7-64
R1ST FIELD, OREGON
SURVEY TYPE: SINGLE SHOT
SURVEY BY: EASTMAN CHRISTENSEN
DECL: 19 30 E

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL
DIRECTION: S 41 DEG. 50 MIN. E

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD



WGSIGHT DEPTH FEET	DRAFT ANGLE	DRAFT DIRECTION	COURSE LENGTH FEET	TRUE		VERTICAL SECTION FEET	K E C T A N G U L A R C O U R S E S FEET	LOG LEG SEVERITY 100/100 FT
				VERTICAL DEPTH FEET	VERTICAL SECTION FEET			
0.	0	0	0.	0.00	0.00	0.00	0.00	0.00
130.	1	S 26 0 E	135.	124.99	1.13	1.13	1.06 S	0.52 E
233.	3	S 11 0 E	98.	93.293	4.26	4.26	4.29 S	1.60 E
294.	5	S 40 0 E	63.	293.77	8.43	8.43	8.21 S	3.47 E
359.	8	S 44 0 E	61.	359.32	15.73	15.73	15.63 S	8.35 E
416.	11	S 47 0 E	61.	416.41	26.17	26.17	20.97 S	15.81 E
446.	12	S 47 0 E	60.	443.78	32.39	32.39	25.13 S	20.33 E
477.	13	S 46 0 E	51.	476.02	38.99	38.99	29.71 S	25.27 E
567.	17	S 46 0 E	90.	560.93	62.19	62.19	45.99 S	42.31 E
619.	20	S 45 0 E	91.	617.04	91.56	91.56	66.22 S	63.30 E
700.	25	S 43 0 E	92.	711.62	127.63	127.63	91.73 S	83.84 E
820.	29	S 44 0 E	91.	813.12	170.23	170.23	122.18 S	118.70 E
836.	30	S 43 0 E	88.	808.34	175.32	175.32	124.49 S	100.22 E
1007.	37	S 47 0 E	125.	997.00	243.71	243.71	168.67 S	195.76 E
1108.	40	S 42 0 E	105.	1007.40	313.93	313.93	233.67 S	236.07 E
1250.	50	S 42 0 E	68.	1160.45	478.32	478.32	275.98 S	260.04 E
1359.	51	S 42 0 E	79.	1250.73	493.23	493.23	324.71 S	304.82 E
1364.	53	S 42 0 E	100.	1353.16	512.39	512.39	375.39 S	348.88 E
1605.	61	S 36 0 E	121.	1450.38	576.80	576.80	426.26 S	503.62 E
1730.	68	S 34 0 E	125.	1563.86	638.66	638.66	470.20 S	474.77 E
1884.	87	S 34 0 E	133.	1701.33	709.52	709.52	530.14 S	463.46 E
2346.	26	S 32 0 E	261.	1924.76	826.49	826.49	623.08 S	529.71 E
2477.	31	S 33 0 E	335.	2239.46	939.13	939.13	746.07 S	603.70 E
2502.	31	S 33 0 E	25.	2262.76	968.13	968.13	754.29 S	608.90 E

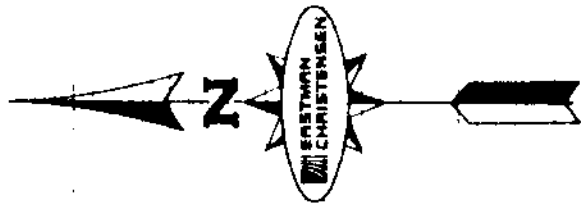
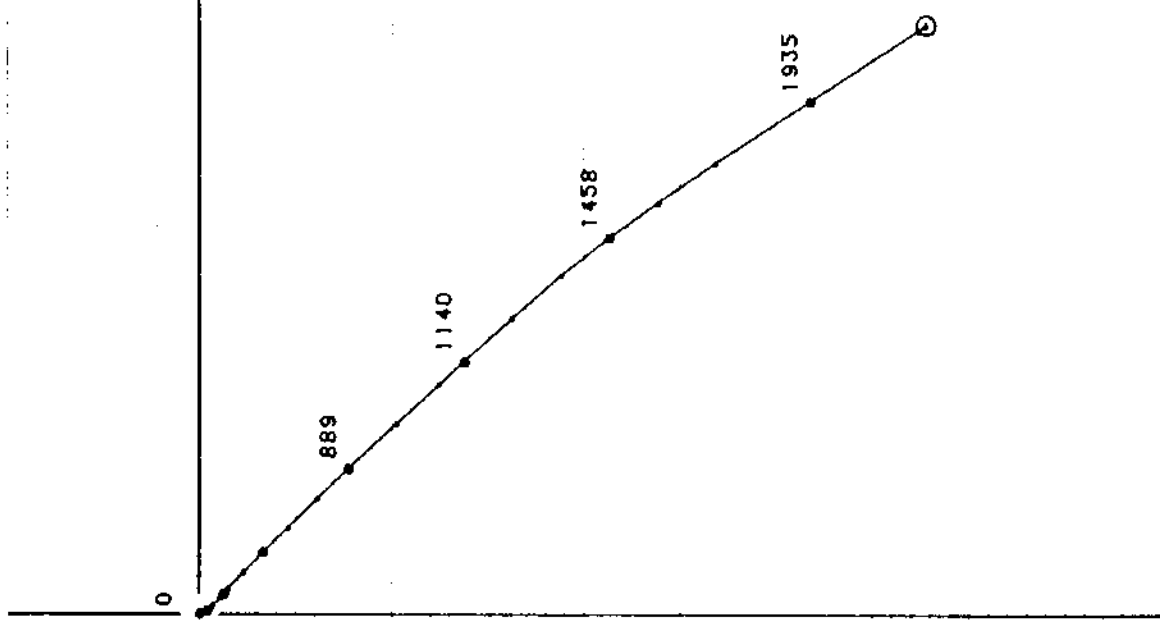
STATION at 2502, 0+0, is PROPOSED

WIND CLOSURE - DIRECTION: S 38 DEGS BY MANS L
 DISTANCE: 769.39 FEET



ARCO OIL AND GAS CO. (1640)
WELL: BENSON 14-7-64
MIST FIELD, OREGON

HORIZONTAL PROJECTION
SCALE 1 IN. = 200 FEET
DEPTH INDICATOR, TVD



FINAL STATION:
DEPTH 2502 MD. 2262.76 TVD
SOUTH 754.29 EAST 608.90
CLOSURE 969.39 S 38 54 43 E