

ARCO OIL AND GAS CO. (1493)
WELL: LF 24-8-75 RD
RUST FIELD, OREGON
DATE: NOVEMBER, 1988
DECI: 19 30 E
SURVEY TYPE: SINGLE SHOT
SURVEY BY: EASTMAN CHRISTENSEN
DR. DRILLERS: B. WILSON, K. GIFFORD

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL
DIRECTION: S 28 DEG. 0 MIN. W

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

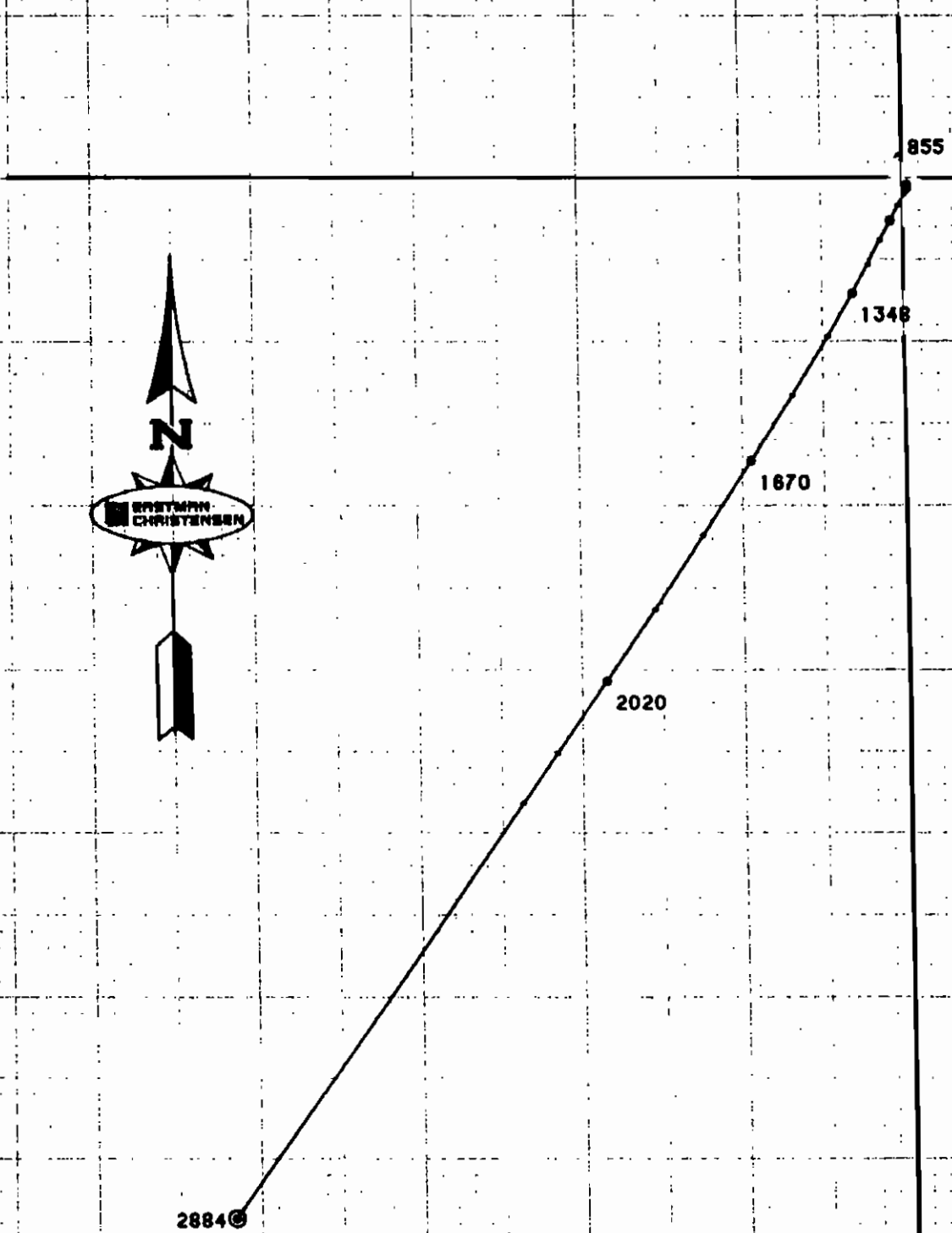
MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION O M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	R E C T A N G U L A R C O O R D I N A T E S FEET	DOUBLE SEVERITY 00%/100FT
855.	0 30	S 56 O E	0.	854.98	2.66	4.38 S 2.57 E	0.00
916.	1 15	S 4 O W	61.	915.97	3.18	5.18 S 2.96 E	1.77
947.	1 10	S 25 O W	31.	946.97	3.84	5.83 S 2.79 E	1.47
977.	2 30	S 25 O W	30.	976.95	4.82	6.72 S 2.38 E	4.17
1040.	5 30	S 30 O W	63.	1039.79	9.21	10.62 S 0.35 E	4.79
1102.	8 15	S 28 O W	62.	1101.54	16.63	17.11 S 3.25 W	4.45
1165.	11 15	S 29 O W	63.	1163.42	27.30	26.48 S 8.34 W	4.77
1227.	14 15	S 28 O W	62.	1223.88	40.78	38.51 S 14.87 W	4.85
1290.	16 45	S 28 O W	63.	1284.59	57.81	53.37 S 22.77 W	3.97
1356.	18 15	S 29 O W	66.	1347.53	77.66	70.81 S 32.24 W	2.32
1451.	19 45	S 31 O W	95.	1437.35	108.57	97.59 S 47.70 W	1.72
1574.	20 30	S 32 O W	123.	1552.84	150.81	133.68 S 69.82 W	0.67
1700.	23 30	S 34 O W	126.	1669.65	197.82	173.26 S 95.52 W	2.45
1832.	25 0	S 33 O W	132.	1790.00	251.78	218.46 S 125.44 W	1.13
1961.	25 0	S 34 O W	129.	1906.92	306.05	263.92 S 155.53 W	0.53
2086.	25 0	S 35 O W	125.	2020.21	358.54	307.46 S 185.45 W	0.34
2215.	25 0	S 35 O W	129.	2137.12	412.65	352.12 S 216.72 W	0.00
2303.	25 0	S 35 O W	88.	2216.87	449.56	382.58 S 238.05 W	0.00
3039.	25 0	S 35 O W	736.	2883.92	758.29	637.38 S 416.46 W	0.00

STATION AT 3039' M.D. IS PROJECTED

FINAL CLOSURE - DIRECTION: S 33 DEGS 10 MINS W
 DISTANCE: 761.38 FEET

ARCO OIL AND GAS CO. (1493)
WELL: LF 24-8-75 RD
MIST FIELD, OREGON

HORIZONTAL PROJECTION
SCALE 1 IN. = 100 FEET
DEPTH INDICATOR: TVD



DATA FILE: B1493

FINAL STATION:
DEPTH: 3039 MD. 2883.92 TVD
SOUTH 637.38 WEST 416.46
CLOSURE 761.38 S 33 9 38 W