

ARCO OIL AND GAS COMPANY

FILE: 5938

WELL: CFI #41-4 RD-1

LOCATION: MIST, OREGON

DATE: SEPT. 15, 1986

DECL: 20 EAST

SEC. BEARING: N55E

TYPE: SINGLE SHOT SURVEYS

RIG: HUNNICUTT AND CAMP #5

SURVEYED BY: EASTMAN WHIPSTOCK

DIRECTIONAL DRILLER: KENNY GIFFORD

*****FINAL REPORT*****

VERTICAL SECTION CALCULATED IN PLANE OF PROPOSAL
DIRECTION: N 55 DEG. 0 MIN. E

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD



MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	RECTANGULAR CORRECTION FEET	CLOSURE DISTANCE FEET	DIRECTION D M	DOGLEG SEVERITY DG/100FT
0.	0 0	0 0	0.	0.00	0.00	0.00	0.00	0 0	0.00
500.	0 0	0 0	500.	500.00	0.00	0.00	0.00	0 0	0.00
557.	0 30	S 77	57.	557.00	0.17	0.06	0.24	S 77	0.88
587.	0 45	S 7	30.	587.00	0.17	0.30	0.41	S 54	2.86
617.	1 15	S 37	30.	616.99	-0.01	0.79	0.55	S 34	2.94
648.	2 45	S 83	31.	647.97	0.44	1.32	1.46	S 47	6.73
709.	6 0	N 70	61.	708.79	4.49	0.80	6.04	S 82	6.17
739.	7 30	N 61	30.	738.58	7.95	0.66	9.24	N 85	6.10
812.	10 30	N 56	73.	810.67	19.34	6.63	18.98	N 70	4.24
905.	11 15	N 56	93.	902.00	36.89	16.44	33.52	N 63	0.81
996.	12 45	N 55	91.	991.01	55.81	27.15	49.11	N 61	1.66
1090.	14 45	N 55	94.	1082.31	78.15	39.97	67.41	N 59	2.13
1256.	16 15	N 57	166.	1242.27	122.50	64.77	104.19	N 58	0.96
1381.	15 30	N 62	125.	1362.50	156.58	82.12	133.64	N 58	1.25
1504.	15 15	N 58	123.	1481.10	189.06	98.43	161.88	N 58	0.89
1626.	16 0	N 58	122.	1598.59	221.87	115.84	189.75	N 58	0.61
1812.	17 30	N 60	186.	1776.69	275.34	143.44	235.69	N 58	0.86
1935.	18 45	N 55	123.	1893.59	313.56	164.00	267.95	N 58	1.62

FINAL CLOSURE - DIRECTION: N 58 DEGS 31 MINS 54 SECS E
 DISTANCE: 314.15 FEET

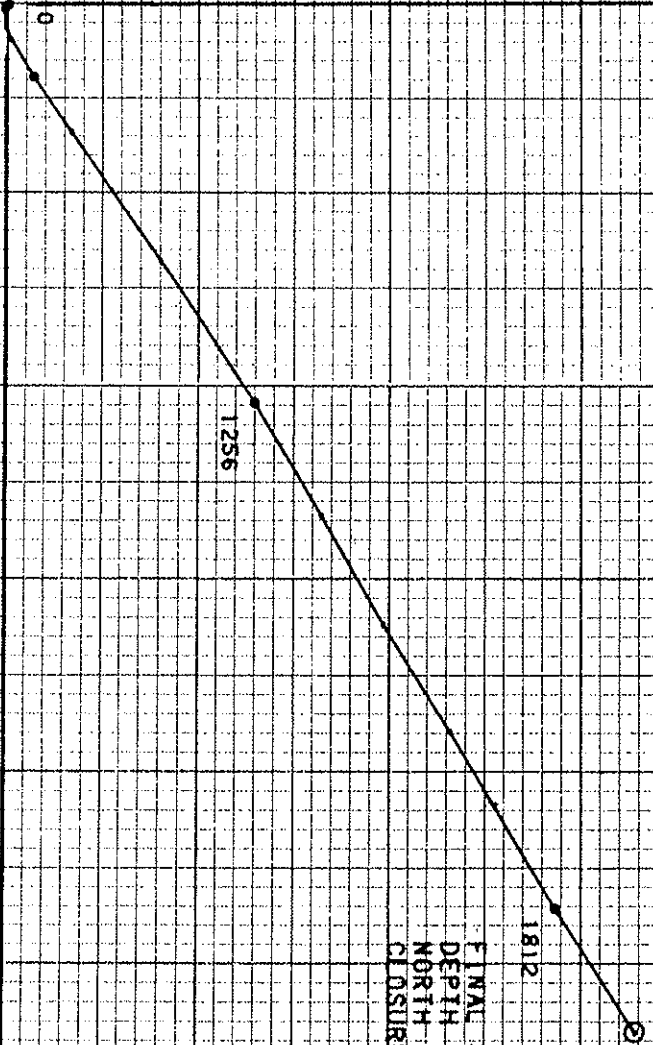


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WELL # CFI #41-4
LOCATION: MIST, OREGON
EASTMAN WHIPSTOCK, INC.

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



1" = 50'
SCALE



FINAL STATION: 1893.59 TWD
DEPTH 1935 MD, 1893.59 TWD
NORTH 164-00 EAST 267.95
CLOSURE 314.15 N 58.31 S 4. F