REPORT
of
SUB-SURFACE
SURVEY

REICHHOLD ENERGY CORP.
CC 13-2 R.D.

JOB NO. B 2729 DATE 08-11-80

DIRECTIONAL DRILLING, INC.
BAKERSFIELD
Phone: 324-3574

DIRECTIONAL DRILLING, INC.

SHEET NO. 1 JOB NO. 02729

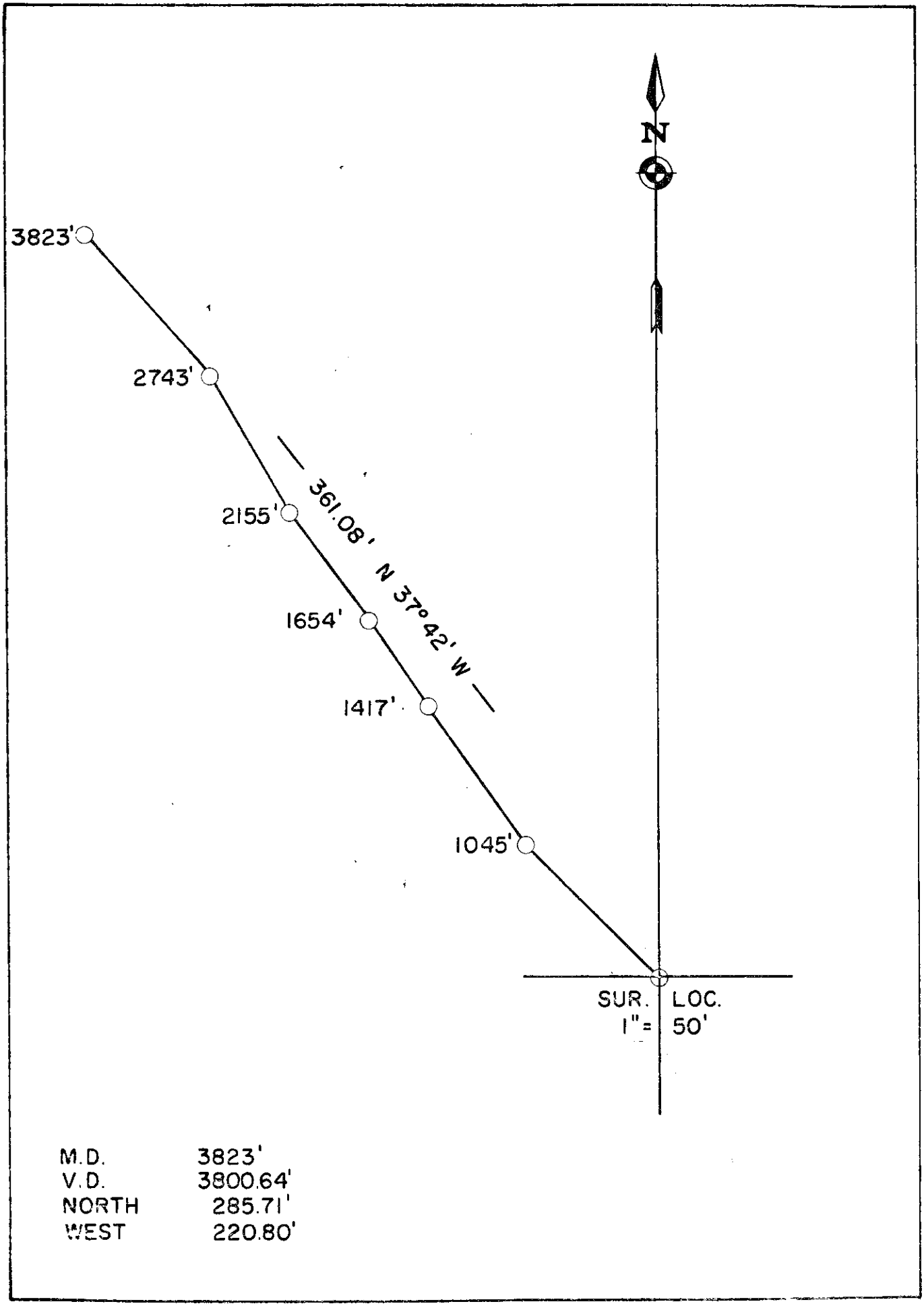
COMPANY REICHHOLD ENERGY CORPORATION ADDRESS

WELL CC 13-2 REDRILL FIELD MIST COUNTY COLOMBIA STATE OREGON

MEASURED DEPTH	TERMINAL DRIFT ANGLE	TERMINAL DIRECTION OF DEVIATION	VERTICAL DEPTH	TOTAL COORDINATES NORTH	SOUTH	EAST	WEST	CLOSURE
410	ASSUMED	VERTICAL TO	THIS DEPTH					
480	3°	S 85 W	479.98		.16		1.83	
511	4° 15'	N 66 W	510.91	.16			3.76	
541	6°	N 58 W	540.79	1.42			6.12	
571	7° 15'	N 47 W	570.59	3.53			8.87	
675	7° 45'	N 45 W	673.70	12.96			18.64	
859	7° 45'	N 40 W	856.02	31.25			35.40	
1045	8° 15'	N 38 W	1040.21	51.37			51.69	
1231	10°	N 34 W	1223.86	75.23			69.03	
1417	12° 15'	N 35 W	1406.36	104.81			89.36	
1531	10°	N 34 W	1518.22	122.94			101.31	
1654	6° 45'	N 39 W	1639.91	137.34			112.47	
1819	6°	N 35 W	1803.89	151.97			123.50	
1941	5° 15'	N 36 W	1925.30	161.70			130.44	
2063	5° 45'	N 34 W	2046.74	171.28			137.15	
2155	5° 45'	N 33 W	2138.28	178.97			142.23	
2309	5° 45'	N 31 W	2291.50	192.06			150.41	
2557	6° 15'	N 28 W	2538.14	214.62			163.18	
2743	5° 45'	N 26 W	2723.13	231.11			173.40	
3361	3°	N 52 W	3339.32	267.74			203.15	
3823	3° 15'	N 37 W	3800.64	285.71			220.00	

CLOSURE: 361.08' N 37° 42' W

ALL METHODS OF CALCULATIONS ARE AVERAGE ANGLE



M.D.	3823'
V.D.	3800.64'
NORTH	285.71'
WEST	220.80'