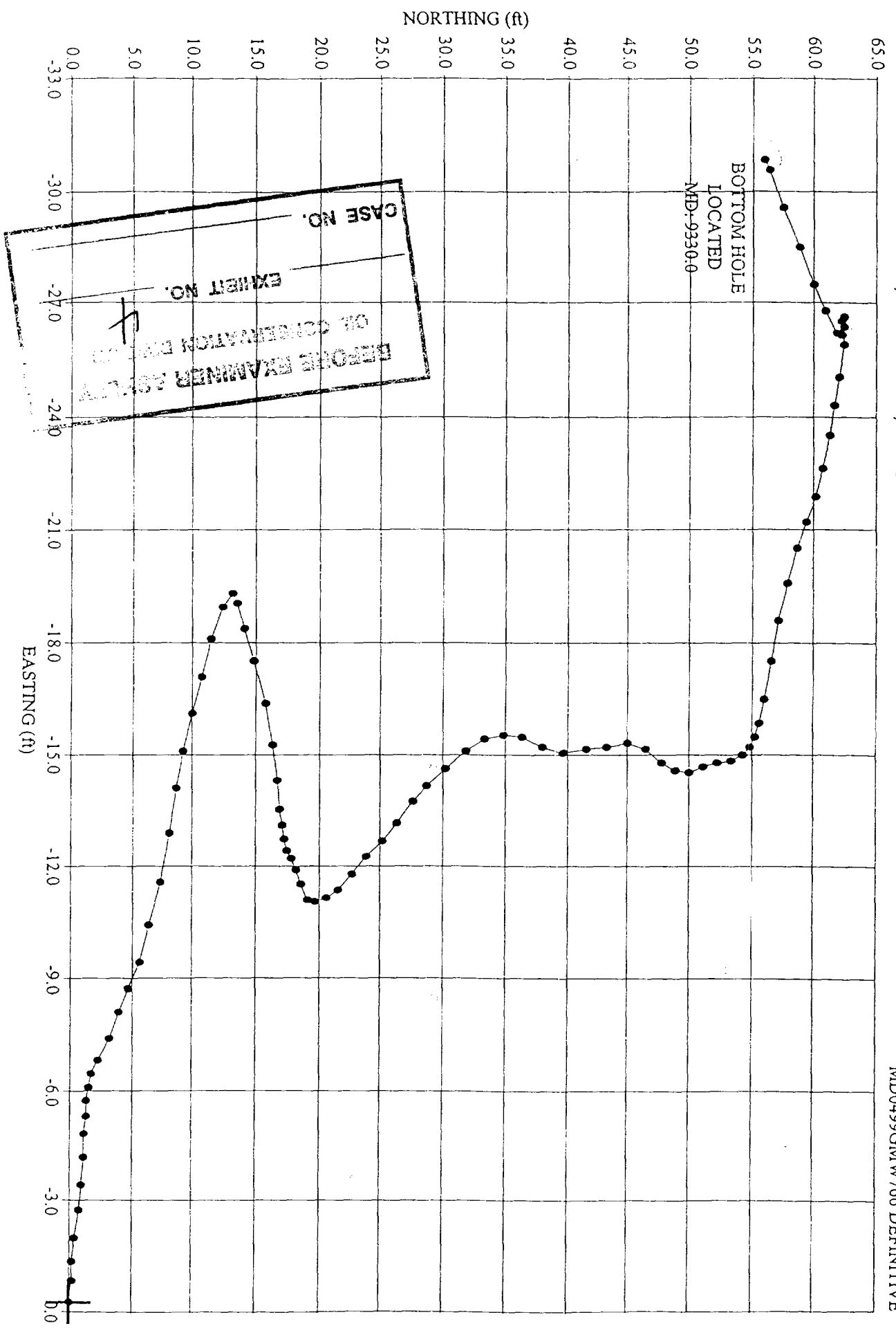
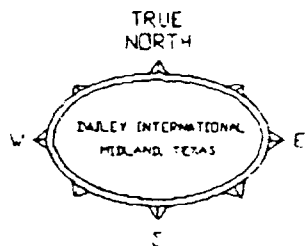


CONCHO RESOURCES
Well: CAYUMA NO. 1, Casing Size: 4-1/2" DRILLPIPE
Location: PATTERSON #6, LEA COUNTY, NEW MEXICO

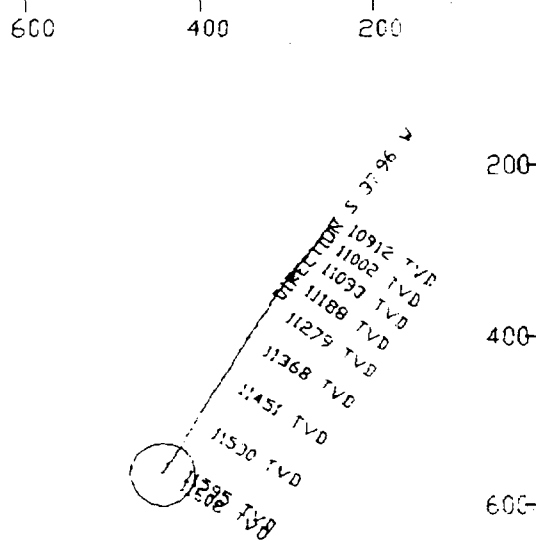
gyro/data
MD0499GMW766 DEFINITIVE



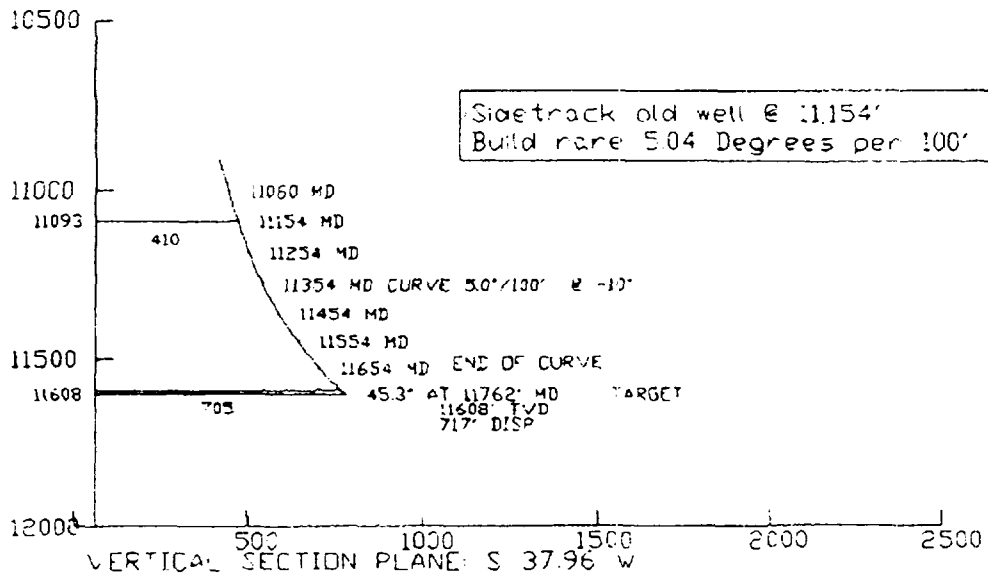
CONCHO RESOURCES
CAYUMA #1
LEA COUNTY, NEW MEXICO



HORIZONTAL PLAN
SCALE: 200 FEET/DIVISION
REFERENCE: WELL HEAD



VERTICAL SECTION
SCALE: 500 FEET/DIVISION
REFERENCE: WELL HEAD



Drawn by: DA Rodgers

File: concho.dat Thu Apr 29 1999

DAILEY INTERNATIONAL INC.

CONCRETE RESOURCES
CAYUNA NO 1
LEA COUNTY NEW MEXICO
CO REP JIM EVANS

Calculated by Minimum Curvature Method
Vert Sect Plane: S 40.59 W

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COARSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
9330.00	0.78	S 44.59 W	0.00	9329.40	55.01 N	30.85 W	-22.46	63.94 N	28.85 W	0.00
9378.00	1.00	S 37.00 W	43.00	9377.39	55.44 N	31.33 W	-21.72	63.68 N	29.47 W	0.52
9471.00	4.20	S 20.90 W	93.00	9470.29	51.61 N	33.04 W	-17.70	61.28 N	32.62 W	3.50
9565.00	5.30	S 25.70 W	94.00	9563.96	44.48 N	36.15 W	-10.26	57.32 N	39.10 W	1.24
9657.00	7.90	S 23.00 W	92.00	9655.35	34.83 N	40.46 W	-0.13	53.39 N	49.27 W	2.85
9751.00	10.70	S 31.80 W	94.00	9748.11	21.47 N	47.58 W	14.66	52.20 N	65.72 W	1.33
9846.00	12.30	S 35.50 W	95.00	9841.20	5.73 N	58.11 W	33.45	58.39 N	84.37 W	1.85
9937.00	14.90	S 36.10 W	91.00	9929.64	11.61 S	70.63 W	54.78	71.58 S	80.66 W	2.86
10032.00	16.70	S 35.50 W	95.00	10021.04	32.60 S	85.76 W	80.55	91.74 S	69.19 W	1.90
10126.00	16.30	S 35.20 W	94.00	10111.17	54.37 S	101.20 W	107.14	114.88 S	61.75 W	0.44
10218.00	16.70	S 34.60 W	92.00	10199.38	75.80 S	116.15 W	133.14	138.70 S	56.87 W	0.47
10312.00	15.80	S 37.00 W	94.00	10289.63	97.14 S	131.52 W	159.34	163.51 S	53.55 W	1.19
10404.00	18.10	S 34.60 W	92.00	10377.63	118.91 S	147.18 W	186.06	189.21 S	51.06 W	2.61
10499.00	17.40	S 34.90 W	95.00	10468.11	142.71 S	163.68 W	214.87	217.16 S	48.92 W	0.74
10593.00	17.30	S 34.80 W	94.00	10557.83	165.71 S	179.70 W	242.76	244.44 S	47.32 W	0.11
10687.00	18.40	S 35.20 W	94.00	10647.30	189.31 S	196.23 W	271.44	272.66 S	46.03 W	1.18
10781.00	18.50	S 34.50 W	94.00	10736.47	213.72 S	213.23 W	301.04	301.90 S	44.93 W	0.26
10873.00	17.50	S 33.40 W	92.00	10823.97	237.30 S	229.11 W	329.27	325.86 S	43.99 W	1.15
10965.00	18.10	S 33.40 W	92.00	10911.56	260.78 S	244.59 W	357.18	357.54 S	43.17 W	0.65
11060.00	16.60	S 33.00 W	95.00	11002.24	284.48 S	260.11 W	385.27	385.47 S	42.44 W	1.58
11154.00	15.70	S 37.80 W	94.00	11092.53	305.80 S	275.22 W	411.29	411.41 S	41.99 W	1.71
11247.00	13.40	S 38.40 W	93.00	11182.54	324.19 S	289.63 W	434.62	434.72 S	41.78 W	2.48
11341.00	11.90	S 37.30 W	94.00	11274.26	340.43 S	302.27 W	455.19	455.26 S	41.60 W	1.62
11373.00	11.90	S 38.00 W	12.00	11305.57	345.66 S	306.30 W	461.78	461.84 S	41.55 W	0.45
11489.00	11.50	S 37.00 W	116.00	11419.16	364.32 S	320.62 W	485.26	485.31 S	41.35 W	0.39
11609.00	10.00	S 36.00 W	120.00	11537.05	382.30 S	333.94 W	507.59	507.61 S	41.14 W	1.26
11729.00	9.00	S 35.00 W	120.00	11655.40	398.42 S	345.45 W	527.32	527.33 S	40.93 W	0.84
11840.00	7.00	S 35.00 W	111.00	11765.32	411.07 S	354.31 W	542.69	542.69 S	40.76 W	1.80

Survey Ref: Well Head Closure Ref: Well Head
Wed Apr 28 1999 01:39:46

Vert Sect Ref: Well Head
File: CONCHOLE.DAT