GL03153-7 of 10

GEARHART, THE GO COMPANY

WIRELINE SERVICES DIVISION

FORT WORTH, TEXAS

GEARHART

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GGGGGGGGGGGGG   EEEEEEEEEEEEEE     AAAAA       RRRRRRRRRR      HHHH     HHHH      AAAAA       RRRRRRRRRR      TTTTTTTTTTTTT
GGGGGGGGGGGGG   EEEEEEEEEEEEEE    AAAAAAA      RRRRRRRRRRRR    HHHH     HHHH     AAAAAAA      RRRRRRRRRRRR    TTTTTTTTTTTTT
GGGGGGGGGGGGG   EEEEEEEEEEEEEE   AAAAAAAAA     RRRRRRRRRRRRR   HHHH     HHHH    AAAAAAAAA     RRRRRRRRRRRRR   TTTTTTTTTTTTT
GGGG            EEEE            AAAA   AAAA    RRRR     RRRR   HHHH     HHHH   AAAA   AAAA    RRRR     RRRR        TTTT
GGGG            EEEE            AAAA     AAAA  RRRR     RRRR   HHHH     HHHH   AAAA     AAAA  RRRR     RRRR        TTTT
GGGG            EEEE            AAAA     AAAA  RRRR     RRRR   HHHH     HHHH   AAAA     AAAA  RRRR     RRRR        TTTT
GGGG  GGGGGGG   EEEEEEEEEEEEEE  AAAAAAAAAAAAAA  RRRR     RRRR   HHHHHHHHHHHHHH  AAAAAAAAAAAAAA  RRRR     RRRR        TTTT
GGGG  GGGGGGG   EEEEEEEEEEEEEE  AAAAAAAAAAAAAA  RRRRRRRRRRRRR   HHHHHHHHHHHHHH  AAAAAAAAAAAAAA  RRRRRRRRRRRRR        TTTT
GGGG  GGGGGGG   EEEEEEEEEEEEEE  AAAAAAAAAAAAAA  RRRRRRRRRRRR    HHHHHHHHHHHHHH  AAAAAAAAAAAAAA  RRRRRRRRRRRR         TTTT
GGGG     GGGG   EEEE            AAAA     AAAA  RRRRRRRRRR      HHHH     HHHH   AAAA     AAAA  RRRRRRRRRR          TTTT
GGGG     GGGG   EEEE            AAAA     AAAA  RRRR RRRR       HHHH     HHHH   AAAA     AAAA  RRRR RRRR            TTTT
GGGG     GGGG   EEEE            AAAA     AAAA  RRRR  RRRR      HHHH     HHHH   AAAA     AAAA  RRRR  RRRR           TTTT
GGGGGGGGGGGGG   EEEEEEEEEEEEEE  AAAA     AAAA  RRRR   RRRR     HHHH     HHHH   AAAA     AAAA  RRRR   RRRR          TTTT
GGGGGGGGGGGGG   EEEEEEEEEEEEEE  AAAA     AAAA  RRRR    RRRR    HHHH     HHHH   AAAA     AAAA  RRRR    RRRR         TTTT
GGGGGGGGGGGGG   EEEEEEEEEEEEEE  AAAA     AAAA  RRRR     RRRR   HHHH     HHHH   AAAA     AAAA  RRRR     RRRR        TTTT
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OO          OO   OOOO   OO         OOOOO         OO          OOOOO         OO   OOOO  OO         OOOOO     OOOO   OOOO   OO   OOOO   OO
OO          OO   OOOO   OO         OOOOO         OO          OOOOO         OO   OO    OO          OOO      OOO    OOO   OO   OOOO   OO
OO          OO   OOOO   OO         OOOOO         OO          OOOOO         OO         OO   OOOO   OO   OOOO   OO     OO   OO   OOOO   OO
OOOOO   OOOOO    OOOO   OO   OOOOOOOOOOO   OOOOOOOO   OOOO   OOOOO   OOOOOOOO   OOOO   OO         OO   OOOO   OO   OOOO   OO   O   O   OOO   OOO   OO
OOOOO   OOOOO    OOOO   OO   OOOOOOOOOOO   OOOOOOOO   OOOO   OOOOO   OOOOOOOO   OOOO   OO   O   O   OO         OO          OO   O   O   OOOO      OOO
OOOOO   OOOOO          OO        OOOOOO   OO     OO   OOOO   OOOOO   OOOOOOOO   OOOO   OO   O   O   OO         OOO         OO   O   O   OOOOO   OOOOO
OOOOO   OOOOO          OO        OOOOOO   OO     OO   OOOO   OOOOO   OOOOOOOO   OOOO   OO   O   O   OO         OOO         OO   O   O   OOOOO   OOOOO
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 CCCCC       AAA      RRRRRR     TTTTTTT                TTTTTTT     OOOOO                DDDDD       IIIII      SSSSS     K      K
C     C     A   A     R     R       T                      T     O     O               D    D        I       S     S    K    K
C     C    A     A    R     R       T                      T     O     O               D     D       I       S          K   K
C          A     A    R     R       T                      T     O     O               D     D       I        SSSSS     KKK
C          AAAAAAA    RRRRRR        T                      T     O     O               D     D       I             S    K   K
C          A     A    R   R         T                      T     O     O               D     D       I             S    K    K
C     C    A     A    R    R        T                      T     O     O               D    D        I       S     S    K     K
 CCCCC     A     A    R     R       T                      T      OOOOO                DDDDD       IIIII      SSSSS     K      K
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GEARHART THE GO COMPANY

GEARHART, THE GO COMPANY

WIRELINE SERVICES DIVISION

FORT WORTH, TEXAS

GEARHART

CCCCC AAA RRRRRR TTTTTTT

TTTTTTT OOOOO

DDDDD IIIII SSSSS K K

COMPANY GEO PRODUCTS CORPORATION

WELL "WEN" #W-1

FIELD WENDEL

COUNTY LASSEN STATE CALIFORNIA

LOCATION N/A

SEC. 13 TWP. 29N RGE. 15E

PERMANENT DATUM: GROUND LEVEL ELEVATION: 4040.00 ELEV.: K.B. 4054.00

LOG MEASURED FROM KELLY BUSHING , 14.00 FT. ABOVE PERM. DATUM D.F. 0.00

DRILLING MEASURED FROM KELLY BUSHING G.L. 4040.00

Record No.	length is	type is	tape status is	logical unit is	track no. is	file no
3	1018	2	011404B	16	1	0

Job Ticket Number 102638

First Frame Depth	5268.250	Bitsize	0.000	Time logged	1625.00
Number of depths sampled	71	Tool I.D. no.	0	Month logged	9
Number of channels/frame	14	Part number	67	Day logged	1
Number of frames/foot	4	Revision number	21	Year logged	81
Direction flag (+ is up)	4	Block seq. number	3		

Channel Indicator Bit Pattern

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                          1         2         3         4         5         6
 Bit position        012345678901234567890123456789012345678901234567890123456789012345678901234567890123
1 is an active channel  11110111000111000000000011001100000000000000000000000000000000000000000000000
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chnl	curve	service	units	description
1	LINETEN	MERGE	MV	LINE TENSION
2	SP	MERGE	MV	SP
3	GR	MERGE	GR-API	GAMMA RAY
5	XCAL	MERGE	INCHES	CALIPER
6	YCAL	MERGE	INCHES	CALIPER
7	TEMP	MERGE	DEGF	TEMPERATURE
11	RILD	MERGE	OHMM	DEEP RESISTIVITY
12	RILM	MERGE	OHMM	MEDIUM RESISTIVITY
13	RLL3	MERGE	OHMM	LATER-O-LOG 3
23	RHO	MERGE	G/CC	BULK DENSITY
24	DELRHO	MERGE	G/CC	DENSITY CORRECTION
27	CNSRAT	MERGE	N/A	CNS RATIO
28	CNSLS	MERGE	LIME %	CNS POROSITY (LS - UNITS)

THE FOLLOWING CURVES SELECTED FROM THIS FILE

CURVE	UNITS	DESCRIPTION	SERVICE	TOP	BOTTOM	NULL
SP	MV	SP	MERGE	1000.00	5280.00	-999.00
GR	GR-API	GAMMA RAY	MERGE	1000.00	5280.00	-999.00
XCAL	INCHES	CALIPER	MERGE	1000.00	5280.00	-999.00
YCAL	INCHES	CALIPER	MERGE	1000.00	5280.00	-999.00
TEMP	DEGF	TEMPERATURE	MERGE	1000.00	5280.00	-999.00
RILD	OHMM	DEEP RESISTIVITY	MERGE	1000.00	5280.00	-999.00
RILM	OHMM	MEDIUM RESISTIVITY	MERGE	1000.00	5280.00	-999.00
RLL3	OHMM	LATER-O-LOG 3	MERGE	1000.00	5280.00	-999.00
RHO	G/CC	BULK DENSITY	MERGE	1000.00	5280.00	-999.00
DELRHO	G/CC	DENSITY CORRECTION	MERGE	1000.00	5280.00	-999.00
CNSRAT	N/A	CNS RATIO	MERGE	1000.00	5280.00	-999.00
CNSLS	LIME %	CNS POROSITY (LS - UNITS)	MERGE	1000.00	5280.00	-999.00

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*     Cart tape reading summary    *
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244 Cart tape records processed !

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*    Errors, if any, are noted !   *
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WELL NUMBER : 102638 RESULTS FROM PROGRAM - CARTDISK V-1.0.00

TOP = 1000.00 BOT = 5280.00 GO WIRELINE - FORT WORTH,TEXAS DATE : 1/20/82 @ 1359.31

SAMPLE DATA

DEPTH	SP	GR	XCAL	YCAL	TEMP	RILD	RILM	RLL3	RHO	DELRHO
1000.00	0.000	0.000	0.000	0.000	122.060	1.000	1.000	1.000	0.000	0.000
1020.00	11.300	752.200	6.310	15.800	122.960	7.709	7.211	7.656	1.918	.129
1040.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000
1060.00	18.700	761.100	6.160	17.220	124.300	5.483	5.105	4.064	2.005	.157
1080.00	22.700	744.800	6.290	15.940	124.840	2.780	2.761	2.884	2.050	.140
1100.00	28.100	733.200	6.250	12.050	125.280	20.277	18.621	31.405	2.504	.070
1120.00	30.100	674.000	6.190	12.250	125.920	29.040	25.586	31.117	2.681	.030
1140.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000
1160.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000
1180.00	35.500	679.600	6.000	12.140	128.260	30.974	28.973	44.463	2.719	-.016
1200.00	40.400	689.200	5.940	12.110	129.160	31.842	35.481	62.517	2.745	-.018
1220.00	46.500	651.200	5.830	12.570	129.960	21.928	19.724	19.543	2.541	.120
1240.00	44.900	697.200	5.940	12.890	130.900	26.546	23.768	16.904	2.393	.062
1260.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000
1280.00	41.400	691.100	5.740	16.230	132.460	12.445	12.735	17.579	2.115	.102
1300.00	42.600	686.400	5.930	12.860	133.450	8.414	6.266	5.129	1.793	.182
1320.00	41.000	700.800	5.770	14.550	134.160	2.972	2.541	4.624	1.948	.198
1340.00	42.600	675.100	6.230	17.210	134.640	2.529	2.366	4.121	2.167	.184
1360.00	41.800	717.200	6.280	17.690	135.230	1.489	1.622	2.259	1.855	.216
1380.00	43.600	659.200	5.940	15.450	135.810	5.070	6.081	6.683	2.200	.102
1400.00	43.400	717.300	5.770	15.910	136.200	5.875	5.012	5.188	2.129	.166
1420.00	44.300	699.200	5.890	14.380	137.030	4.864	4.842	5.546	2.406	.060
1440.00	47.600	688.800	6.200	13.110	137.560	18.323	19.634	24.946	2.608	.011
1460.00	48.200	674.900	6.190	13.380	138.160	8.204	8.453	8.810	2.525	.018
1480.00	45.700	765.400	6.190	13.050	138.740	23.174	24.774	42.756	2.687	.011
1500.00	45.000	697.800	6.130	13.200	139.230	15.776	20.559	29.717	2.611	.010
1520.00	44.600	724.900	5.990	14.620	139.680	6.792	7.178	7.709	2.462	.074
1540.00	46.300	737.500	6.160	13.420	140.610	8.730	8.912	9.441	2.553	.015
1560.00	46.900	716.800	6.170	13.230	140.960	9.016	7.244	7.430	2.482	.071
1580.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000
1600.00	42.900	736.500	6.000	12.460	141.760	28.774	33.266	61.659	2.646	.056
1620.00	42.600	730.300	5.990	13.710	142.260	.910	.973	1.327	2.055	.164
1640.00	42.900	713.800	6.140	13.260	142.620	1.567	1.660	1.910	2.034	.148
1660.00	42.700	713.000	6.230	12.190	143.050	8.337	9.141	12.162	2.486	.012
1680.00	42.900	719.000	6.170	12.080	143.330	20.045	20.417	28.708	2.709	-.008
1700.00	44.500	721.600	6.100	12.190	143.520	15.776	14.355	15.276	2.607	.011
1720.00	41.800	762.600	5.990	12.030	143.740	12.853	11.912	12.106	2.457	.015
1740.00	43.500	703.000	5.970	12.230	143.920	10.568	10.399	11.169	2.658	.008
1760.00	44.000	778.800	5.850	12.340	144.040	7.962	8.204	8.790	2.353	.030
1780.00	44.600	703.000	5.700	12.420	144.210	5.808	5.200	7.345	2.428	.007
1800.00	45.700	756.500	6.080	11.900	144.310	17.783	16.982	19.999	2.702	.002
1820.00	43.300	726.900	6.000	12.100	144.410	32.285	30.269	44.463	2.804	-.004
1840.00	42.900	762.700	6.100	12.180	144.530	14.622	13.335	15.136	2.380	.038
1860.00	44.300	771.800	6.060	12.080	144.600	25.293	24.322	30.974	2.678	.006
1880.00	45.300	682.900	6.000	12.060	144.660	15.560	15.776	16.827	2.626	.026
1900.00	45.600	755.700	6.080	12.090	144.830	15.241	15.595	17.824	2.644	-.011
1920.00	45.700	704.600	6.010	12.080	144.900	20.606	17.022	23.550	2.678	-.012
1940.00	43.800	718.200	5.960	12.040	144.960	17.660	18.535	18.113	2.516	.028
1960.00	45.100	716.900	5.940	12.150	145.060	13.772	13.213	14.791	2.487	.008
1980.00	45.300	770.400	5.920	12.380	145.130	14.355	13.243	14.723	2.438	-.002

WELL NUMBER : 102638

TOP = 1000.00 BOT = 5280.00

RESULTS FROM PROGRAM - CARTDISK V-1.0.00

GO WIRELINE - FORT WORTH,TEXAS

DATE : 1/20/82 @ 1359.38

SAMPLE DATA

DEPTH	SP	GR	XCAL	YCAL	TEMP	RILD	RILM	RLL3	RHO	DELRHO
2000.00	46.100	708.000	5.840	12.370	145.310	14.355	13.274	16.520	2.414	.034
2020.00	44.200	723.600	5.890	12.500	145.420	13.366	13.152	13.490	2.423	.006
2040.00	44.900	739.200	5.840	12.810	145.540	14.588	15.453	12.474	2.355	.012
2060.00	43.300	716.800	5.810	12.820	145.650	14.355	18.578	14.689	2.394	.032
2080.00	48.500	781.300	5.620	12.710	145.820	11.940	12.912	10.765	2.512	.056
2100.00	48.000	709.600	5.520	12.760	145.980	13.335	12.331	13.122	2.617	.012
2120.00	45.500	724.400	5.620	12.430	146.120	17.906	17.140	19.143	2.396	.052
2140.00	45.700	790.400	5.950	12.390	146.260	17.140	14.757	17.258	2.522	0.000
2160.00	48.000	717.700	6.140	12.220	146.560	25.061	21.777	25.645	2.729	-.014
2180.00	49.600	742.900	5.540	12.140	146.760	46.345	37.844	57.943	2.852	-.018
2200.00	47.200	729.600	5.470	12.380	147.200	20.137	20.137	23.550	2.687	.053
2220.00	47.400	731.200	4.930	12.840	147.340	13.002	14.962	11.722	2.433	.043
2240.00	48.200	710.800	5.290	13.040	147.360	10.093	9.311	9.506	2.515	.240
2260.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000
2280.00	48.000	722.500	5.700	12.960	147.830	8.912	8.531	8.690	2.478	.107
2300.00	47.600	725.300	5.670	12.990	148.120	10.889	11.995	18.750	2.357	.070
2320.00	47.900	744.800	5.540	12.840	148.380	3.741	4.111	4.487	2.435	.016
2340.00	46.700	701.100	5.540	12.740	148.580	3.475	3.443	3.540	2.275	.032
2360.00	47.100	718.400	5.540	12.480	148.800	5.297	5.333	5.358	2.287	.026
2380.00	48.400	715.600	5.430	12.500	149.260	3.516	3.622	3.597	2.315	.034
2400.00	48.800	707.600	5.390	12.150	149.550	6.368	5.236	5.649	2.324	.024
2420.00	48.000	711.300	5.210	12.110	150.060	10.375	10.023	10.568	2.392	.038
2440.00	46.700	699.600	5.080	12.040	150.180	16.520	15.595	18.323	2.446	.023
2460.00	46.500	760.100	5.030	12.040	150.560	18.880	19.815	20.417	2.538	-.012
2480.00	47.200	719.800	4.760	12.090	150.860	11.298	11.324	12.134	2.437	.085
2500.00	47.900	765.100	5.310	12.080	151.600	8.054	7.194	7.709	2.495	.048
2520.00	47.200	756.000	5.350	12.080	151.800	31.623	27.290	40.551	2.490	.016
2540.00	47.200	738.300	5.080	12.140	151.860	29.512	24.717	32.434	2.596	.026
2560.00	46.200	771.400	4.900	12.080	152.580	35.156	28.576	38.815	2.512	.020
2580.00	47.700	711.200	4.810	12.030	152.900	36.308	28.973	43.053	2.559	.012
2600.00	47.200	745.900	4.750	12.250	153.140	16.982	11.940	14.125	2.154	.264
2620.00	47.200	768.200	4.760	14.460	153.700	2.382	2.094	2.529	1.893	.160
2640.00	50.900	740.900	5.330	12.250	153.860	5.260	5.200	5.508	2.429	.191
2660.00	50.400	767.500	5.400	12.280	154.400	5.200	5.333	5.888	2.501	.079
2680.00	50.500	777.700	6.000	12.160	154.900	5.164	5.236	5.346	2.478	.047
2700.00	50.000	789.600	6.050	12.400	155.020	4.864	4.842	4.932	2.476	.038
2720.00	50.000	766.000	4.760	12.380	155.760	5.284	5.383	5.358	2.501	.046
2740.00	50.000	773.800	4.710	12.380	156.080	5.047	5.012	5.176	2.453	.021
2760.00	49.600	740.000	4.710	12.610	156.330	5.000	4.932	4.266	2.426	.036
2780.00	48.800	738.900	4.740	12.360	156.550	4.819	4.842	5.458	2.497	.024
2800.00	50.000	751.100	4.650	12.450	157.260	3.899	3.864	4.046	2.431	.024
2820.00	50.300	772.500	4.890	12.650	157.860	4.592	4.764	4.624	2.525	.004
2840.00	49.600	793.700	4.950	12.680	157.800	5.000	4.842	4.864	2.487	.017
2860.00	49.600	786.000	4.880	12.570	158.260	7.145	7.464	7.278	2.465	.021
2880.00	48.800	774.400	4.930	12.530	158.860	7.709	7.943	7.816	2.487	.022
2900.00	48.500	730.400	4.740	12.710	159.100	7.031	7.413	6.855	2.480	.032
2920.00	49.600	759.000	5.390	12.710	159.710	6.067	6.081	6.237	2.485	.018
2940.00	49.800	784.000	4.800	12.840	159.800	5.105	5.105	5.070	2.476	.015
2960.00	49.200	797.200	4.790	12.360	160.360	4.074	4.198	4.178	2.495	.015
2980.00	50.200	845.300	4.710	12.380	160.860	3.381	3.319	3.273	2.490	.020

WELL NUMBER : 102638 RESULTS FROM PROGRAM - CARTDISK V-1.0.00 PAGE : 7

TOP = 1000.00 BOT = 5280.00 GO WIRELINE - FORT WORTH,TEXAS DATE : 1/20/82 @ 1359.48

SAMPLE DATA

DEPTH	SP	GR	XCAL	YCAL	TEMP	RILD	RILM	RLL3	RHO	DELRHO
3000.00	49.500	813.800	4.720	12.500	161.100	2.793	2.685	2.535	2.412	.017
3020.00	49.800	761.100	4.590	12.400	161.900	3.532	3.319	3.289	2.399	.038
3040.00	49.200	755.600	4.980	12.430	161.900	3.846	3.811	4.111	2.407	.033
3060.00	49.200	777.100	5.000	12.280	162.700	4.831	5.012	5.970	2.368	.042
3080.00	49.200	804.500	4.860	12.350	163.000	3.381	3.281	3.055	2.333	.044
3100.00	50.100	756.400	4.890	12.170	163.160	6.902	7.447	6.683	2.396	.046
3120.00	50.000	782.600	4.820	12.350	163.660	2.742	2.661	2.716	2.286	.044
3140.00	49.700	757.700	4.670	12.280	164.300	3.251	3.707	3.459	2.269	.040
3160.00	50.000	743.200	4.690	12.650	164.710	2.449	2.742	2.529	2.331	.038
3180.00	50.000	794.000	4.570	12.580	165.160	1.514	1.531	1.629	2.128	.168
3200.00	51.200	793.500	4.880	12.280	165.750	1.426	1.556	1.469	2.307	.089
3220.00	51.700	771.500	4.940	12.190	165.720	4.188	4.539	4.508	2.390	.043
3240.00	52.300	757.900	4.930	12.400	166.450	2.630	2.404	2.366	2.388	.051
3260.00	53.000	787.200	4.910	12.190	167.060	2.280	2.198	2.864	2.419	.106
3280.00	51.300	754.500	4.790	12.830	167.140	.774	.764	.861	2.085	.128
3300.00	51.800	750.700	4.980	12.190	167.460	1.828	1.977	1.879	2.381	.051
3320.00	51.900	766.700	4.990	12.050	167.840	4.710	5.875	5.998	2.496	.032
3340.00	51.600	763.700	4.840	12.110	168.460	4.634	4.581	4.036	2.322	.028
3360.00	51.900	810.800	4.790	11.840	169.000	9.817	13.459	20.230	2.562	.008
3380.00	52.500	820.600	4.880	12.070	169.360	1.803	1.892	1.679	2.334	.048
3400.00	53.800	771.000	4.790	12.000	169.860	2.046	2.084	1.849	2.333	.036
3420.00	53.600	738.400	4.800	12.050	170.420	2.793	2.710	2.328	2.389	.062
3440.00	54.500	763.900	4.740	11.820	170.460	2.143	2.163	1.807	2.315	.047
3460.00	53.700	779.800	4.630	12.110	171.460	2.570	2.685	2.377	2.403	.041
3480.00	55.000	763.200	4.670	12.230	171.720	2.046	2.163	1.888	2.324	.064
3500.00	55.800	760.100	4.520	13.150	172.130	1.782	2.051	1.849	2.382	.080
3520.00	56.600	785.200	4.450	13.380	172.280	1.102	1.222	.942	1.961	.205
3540.00	56.400	787.900	4.360	15.140	172.960	1.489	1.622	1.358	1.862	.200
3560.00	55.800	794.400	4.410	12.660	173.500	1.409	1.574	1.567	1.997	.187
3580.00	55.800	800.100	5.050	12.070	173.850	2.415	2.773	2.858	2.458	.091
3600.00	56.600	768.600	4.860	12.110	174.240	2.438	2.518	2.270	2.340	.074
3620.00	55.800	775.200	4.890	12.130	175.120	2.958	3.090	3.055	2.439	.052
3640.00	56.000	818.400	4.880	11.990	175.320	4.864	5.875	5.794	2.485	.062
3660.00	55.900	801.200	4.820	11.920	176.100	6.166	6.871	6.486	2.481	.017
3680.00	55.400	795.200	4.800	11.960	176.600	6.109	6.918	7.379	2.503	.026
3700.00	55.500	806.000	4.760	11.990	177.180	7.870	9.183	12.023	2.619	.002
3720.00	55.400	767.400	4.640	12.020	177.910	2.958	3.162	3.556	2.412	.034
3740.00	55.800	824.600	4.560	11.970	178.490	6.180	7.464	8.318	2.593	.006
3760.00	56.100	801.900	4.630	11.920	178.810	6.339	6.902	7.079	2.523	.026
3780.00	57.400	827.900	4.340	11.850	179.350	5.508	7.345	19.275	2.557	0.000
3800.00	56.600	826.000	4.510	12.550	179.780	1.472	1.675	1.560	2.001	.252
3820.00	55.800	834.100	4.470	12.020	180.280	1.340	1.469	1.549	2.247	.297
3840.00	56.600	824.300	4.570	11.950	180.830	1.545	1.706	1.648	2.333	.260
3860.00	55.400	779.700	4.570	12.080	181.440	1.596	1.730	1.459	2.311	.225
3880.00	55.400	770.200	4.620	12.120	181.830	2.449	2.698	2.529	2.439	.197
3900.00	54.600	830.800	4.590	12.420	181.940	1.153	1.294	1.148	2.120	.262
3920.00	55.400	770.800	4.710	12.390	182.600	1.265	1.429	1.368	2.120	.232
3940.00	53.700	795.400	4.780	12.250	182.920	2.655	3.451	3.724	2.514	.152
3960.00	54.900	792.800	4.620	12.070	183.530	1.663	1.820	1.607	2.197	.270
3980.00	56.100	791.600	4.570	12.080	183.840	1.807	1.950	2.388	2.398	.225

WELL NUMBER : 102638 | RESULTS FROM PROGRAM - CARTDISK V-1.0.00 | PAGE : 8

TOP = 1000.00 BOT = 5280.00 | GO WIRELINE - FORT WORTH,TEXAS | DATE : 1/20/82 @ 1359.55

SAMPLE DATA

DEPTH	SP	GR	XCAL	YCAL	TEMP	RILD	RILM	RLL3	RHO	DELRHO
4000.00	56.100	787.200	4.670	12.550	184.460	1.945	2.323	2.328	2.305	.076
4020.00	54.300	797.700	4.490	13.570	185.160	1.358	1.300	1.028	1.982	.208
4040.00	55.900	789.500	5.240	12.190	185.780	4.436	4.721	4.539	2.535	.024
4060.00	56.600	799.000	5.400	12.610	186.300	3.327	3.758	3.622	2.437	.029
4080.00	55.900	794.200	5.360	12.160	186.860	3.388	3.451	3.524	2.528	.018
4100.00	56.100	829.400	5.390	12.130	187.450	5.585	5.929	6.194	2.576	.086
4120.00	55.800	778.300	5.390	12.220	188.000	4.977	5.023	4.977	2.546	.032
4140.00	56.200	769.600	5.330	11.940	188.300	6.026	6.324	6.607	2.585	.007
4160.00	57.100	818.600	5.320	12.150	188.910	6.471	7.603	8.091	2.589	.053
4180.00	58.200	843.100	5.200	12.070	189.550	4.276	4.345	4.256	2.517	.024
4200.00	58.100	815.800	4.970	12.130	190.140	4.539	4.932	4.732	2.537	-.006
4220.00	57.800	792.700	5.230	12.220	190.400	4.188	4.487	4.276	2.551	.020
4240.00	57.700	822.300	5.400	12.170	190.930	3.184	3.420	3.266	2.533	0.000
4260.00	57.000	758.800	4.930	12.150	191.210	3.388	3.664	3.373	2.504	.021
4280.00	57.000	798.900	5.080	12.370	191.860	5.284	6.067	4.819	2.514	.032
4300.00	57.500	835.000	5.050	12.290	192.100	4.178	4.345	4.236	2.526	.024
4320.00	57.800	796.400	5.090	12.310	192.460	3.236	3.350	3.076	2.496	.014
4340.00	58.200	818.800	4.970	12.400	192.800	3.258	3.404	3.170	2.490	.022
4360.00	60.100	820.900	4.800	12.460	194.580	4.121	4.385	4.055	2.544	.020
4380.00	58.600	791.300	4.680	12.120	195.320	3.990	4.345	4.467	2.475	.221
4400.00	58.800	782.700	4.610	12.270	195.420	4.207	4.560	4.315	2.433	.202
4420.00	58.800	805.100	5.640	12.260	195.620	4.036	4.256	3.855	2.560	.015
4440.00	59.700	778.900	4.200	12.230	195.940	3.954	4.111	4.074	2.533	.091
4460.00	58.600	778.600	4.130	12.380	196.460	5.395	5.297	5.689	2.313	.160
4480.00	58.600	805.500	4.430	12.960	200.900	1.766	1.932	1.718	2.159	.234
4500.00	60.100	794.000	4.750	12.400	199.310	1.820	2.080	1.950	2.460	.085
4520.00	60.500	794.100	4.590	12.440	201.960	1.862	2.075	1.910	2.487	.055
4540.00	60.500	827.100	4.490	12.380	202.100	1.862	2.075	1.950	2.465	.035
4560.00	60.500	839.200	4.190	12.080	203.620	7.603	8.241	9.078	2.626	.122
4580.00	59.200	825.600	5.350	12.030	204.860	16.982	16.711	23.933	2.632	.062
4600.00	55.500	779.200	5.120	12.460	204.280	.608	.656	.851	2.442	.061
4620.00	57.200	779.000	4.640	12.310	204.140	13.305	13.243	15.346	2.562	.046
4640.00	59.100	838.100	4.590	12.620	206.680	8.511	8.790	8.590	2.562	.134
4660.00	59.200	811.200	3.820	12.740	207.380	8.241	9.204	9.290	2.492	.087
4680.00	58.700	826.100	4.640	12.760	208.160	5.272	4.487	4.645	2.478	.118
4700.00	59.200	834.900	4.470	13.460	208.060	9.638	10.000	10.447	2.453	.044
4720.00	61.700	852.900	4.380	12.660	209.580	5.902	5.445	6.039	2.529	.152
4740.00	62.500	809.200	3.750	12.740	209.040	9.441	9.638	10.046	2.530	.251
4760.00	62.100	826.500	4.430	12.910	209.460	8.472	8.433	8.222	2.495	.105
4780.00	62.300	770.800	3.590	13.470	209.840	8.298	8.790	8.954	2.563	.161
4800.00	62.500	850.200	3.960	13.380	210.960	7.780	8.551	8.590	2.560	.110
4820.00	62.500	855.000	3.940	13.540	211.560	8.017	8.222	7.798	2.510	.164
4840.00	60.500	856.300	4.780	13.260	211.780	6.180	5.023	5.821	2.508	.094
4860.00	62.900	844.900	4.180	12.940	211.900	8.670	9.204	9.016	2.566	.089
4880.00	62.900	822.700	3.940	13.090	212.900	8.433	8.790	9.616	2.559	.070
4900.00	62.900	837.300	4.110	13.780	212.950	9.863	9.419	9.354	2.444	.128
4920.00	63.300	830.000	4.190	13.320	212.760	8.511	8.166	8.933	2.531	.064
4940.00	63.600	827.300	3.540	13.040	212.660	8.472	9.099	9.354	2.575	.144
4960.00	61.400	837.400	3.490	14.030	212.800	8.810	9.506	9.057	2.575	.160
4980.00	62.900	809.600	3.550	16.620	213.150	8.356	8.185	6.902	2.431	.269

SAMPLE DATA

DEPTH	SP	GR	XCAL	YCAL	TEMP	RILD	RILM	RLL3	RHO	DELRHO
5000.00	62.500	836.400	3.380	14.880	213.060	7.096	6.194	6.607	2.421	.280
5020.00	62.100	826.100	4.410	13.510	214.320	11.830	11.858	12.274	2.465	.152
5040.00	60.100	800.400	3.720	13.190	215.760	11.402	11.169	11.858	2.513	.114
5060.00	58.200	865.600	4.640	12.500	216.150	43.752	52.844	72.778	2.621	.043
5080.00	51.900	867.500	4.070	12.470	216.940	58.614	36.644	66.680	2.646	.059
5100.00	59.000	848.300	4.050	12.260	218.130	122.180	62.806	174.984	2.768	.039
5120.00	63.000	822.700	4.010	12.260	219.560	81.096	50.933	92.045	2.711	.024
5140.00	60.900	819.600	3.820	13.420	220.320	38.371	28.907	28.774	2.614	.108
5160.00	59.100	835.100	3.570	12.530	221.400	50.003	34.994	67.608	2.690	.050
5180.00	59.300	800.800	3.990	12.080	223.030	46.773	38.726	62.087	2.792	.026
5200.00	50.400	802.600	3.590	11.990	224.400	57.943	33.266	59.156	2.605	.062
5220.00	45.100	841.300	3.630	11.310	224.800	35.075	29.241	38.194	2.457	.200
5240.00	50.400	835.800	3.060	11.590	224.300	78.523	34.119	54.828	2.051	.201
5260.00	55.800	828.400	3.480	10.730	216.830	57.544	42.073	102.801	2.666	.144
5280.00	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000	-999.000

SAMPLE DATA

DEPTH	CNSRAT	CNSLS
1000.00	0.000	0.000
1020.00	.486	34.540
1040.00	-999.000	-999.000
1060.00	.455	36.410
1080.00	.457	36.790
1100.00	1.111	5.040
1120.00	1.047	6.020
1140.00	-999.000	-999.000
1160.00	-999.000	-999.000
1180.00	1.142	4.570
1200.00	1.290	2.990
1220.00	.797	12.640
1240.00	.955	7.710
1260.00	-999.000	-999.000
1280.00	1.021	5.550
1300.00	.607	27.940
1320.00	.576	29.170
1340.00	.500	33.170
1360.00	.507	32.460
1380.00	.574	28.990
1400.00	.636	22.450
1420.00	.634	23.740
1440.00	.853	10.450
1460.00	.728	15.240
1480.00	1.018	6.350
1500.00	1.067	5.420
1520.00	.605	27.570
1540.00	.720	15.560
1560.00	.642	23.140
1580.00	-999.000	-999.000
1600.00	1.110	5.000
1620.00	.475	36.360
1640.00	.509	34.140
1660.00	.584	29.860
1680.00	.754	14.760
1700.00	.679	18.940
1720.00	.545	32.270
1740.00	.604	28.700
1760.00	.556	31.490
1780.00	.511	34.420
1800.00	.701	17.410
1820.00	.805	12.660
1840.00	.558	31.480
1860.00	.640	24.040
1880.00	.634	25.010
1900.00	.630	25.550
1920.00	.727	16.030
1940.00	.644	23.600
1960.00	.580	30.190
1980.00	.598	29.080

WELL NUMBER : 102638

TOP = 1000.00 BOT = 5280.00

RESULTS FROM PROGRAM - CARTDISK V-1.0.00

GO WIRELINE - FORT WORTH,TEXAS

DATE : 1/20/82 @ 1400.14

SAMPLE DATA

DEPTH	CNSRAT	CNSLS
2000.00	.492	35.840
2020.00	.590	29.500
2040.00	.507	34.630
2060.00	.517	33.960
2080.00	.597	29.040
2100.00	.626	25.980
2120.00	.524	33.690
2140.00	.596	29.330
2160.00	.817	12.220
2180.00	.979	7.580
2200.00	.797	12.890
2220.00	.570	30.610
2240.00	.613	28.030
2260.00	-999.000	-999.000
2280.00	.566	30.830
2300.00	.645	23.000
2320.00	.569	30.730
2340.00	.522	33.760
2360.00	.459	38.410
2380.00	.533	33.180
2400.00	.502	35.410
2420.00	.578	30.500
2440.00	.575	30.740
2460.00	.604	29.050
2480.00	.597	29.430
2500.00	.563	31.440
2520.00	.635	25.070
2540.00	.670	20.240
2560.00	.661	21.390
2580.00	.643	23.950
2600.00	.620	27.480
2620.00	.624	25.340
2640.00	.642	23.990
2660.00	.698	17.560
2680.00	.720	16.530
2700.00	.688	18.100
2720.00	.711	16.890
2740.00	.711	16.940
2760.00	.674	19.620
2780.00	.693	17.830
2800.00	.627	26.220
2820.00	.661	21.140
2840.00	.671	19.890
2860.00	.586	30.000
2880.00	.633	25.240
2900.00	.631	25.430
2920.00	.645	23.310
2940.00	.640	24.020
2960.00	.648	23.140
2980.00	.636	24.930

WELL NUMBER : 102638

TOP = 1000.00 BOT = 5280.00

RESULTS FROM PROGRAM - CARTDISK V-1.0.00

GO WIRELINE - FORT WORTH,TEXAS

DATE : 1/20/82 @ 1400.23

SAMPLE DATA

DEPTH	CNSRAT	CNSLS
3000.00	.614	28.490
3020.00	.748	15.160
3040.00	.659	21.660
3060.00	.671	20.200
3080.00	.588	30.050
3100.00	.716	16.840
3120.00	.599	29.390
3140.00	.603	29.230
3160.00	.604	29.030
3180.00	.517	34.530
3200.00	.558	31.950
3220.00	.582	30.540
3240.00	.626	26.540
3260.00	.728	16.240
3280.00	.529	33.410
3300.00	.554	32.310
3320.00	.754	15.150
3340.00	.614	28.760
3360.00	.808	12.980
3380.00	.577	30.960
3400.00	.579	30.840
3420.00	.589	30.260
3440.00	.568	31.650
3460.00	.579	30.830
3480.00	.600	29.530
3500.00	.598	29.280
3520.00	.508	34.890
3540.00	.552	31.350
3560.00	.546	32.700
3580.00	.637	25.170
3600.00	.612	28.970
3620.00	.648	23.470
3640.00	.685	18.850
3660.00	.687	18.710
3680.00	.732	16.310
3700.00	.895	10.060
3720.00	.624	27.160
3740.00	.810	12.930
3760.00	.693	18.350
3780.00	.907	9.760
3800.00	.479	37.530
3820.00	.473	38.160
3840.00	.543	33.290
3860.00	.599	29.810
3880.00	.621	27.750
3900.00	.518	34.830
3920.00	.541	33.250
3940.00	.634	25.580
3960.00	.558	32.280
3980.00	.596	30.020

SAMPLE DATA

DEPTH	CNSRAT	CNSLS
4000.00	.586	30.390
4020.00	.506	35.170
4040.00	.717	17.010
4060.00	.623	27.130
4080.00	.669	20.740
4100.00	.767	14.700
4120.00	.681	19.350
4140.00	.802	13.340
4160.00	.692	18.380
4180.00	.662	21.740
4200.00	.710	17.440
4220.00	.678	19.710
4240.00	.667	21.000
4260.00	.617	28.470
4280.00	.652	22.910
4300.00	.656	22.480
4320.00	.621	27.820
4340.00	.619	28.080
4360.00	.701	17.760
4380.00	.677	19.880
4400.00	.705	17.650
4420.00	.677	19.820
4440.00	.696	18.200
4460.00	.618	28.280
4480.00	.497	36.260
4500.00	.607	29.460
4520.00	.603	29.660
4540.00	.588	30.570
4560.00	.849	11.670
4580.00	.870	10.970
4600.00	.716	17.030
4620.00	.894	10.120
4640.00	.876	10.520
4660.00	.800	13.100
4680.00	.850	11.310
4700.00	.821	12.080
4720.00	.868	10.720
4740.00	.823	12.300
4760.00	.788	13.480
4780.00	.837	11.450
4800.00	.810	12.450
4820.00	.823	11.900
4840.00	.818	12.200
4860.00	.900	9.710
4880.00	.931	8.830
4900.00	.699	17.310
4920.00	.913	9.190
4940.00	.864	10.780
4960.00	.899	9.300
4980.00	.756	13.510

WELL NUMBER : 102638

TOP = 1000.00 BOT = 5280.00

RESULTS FROM PROGRAM - CARTDISK V-1.0.00

GO WIRELINE - FORT WORTH,TEXAS

DATE : 1/20/82 @ 1400.41

SAMPLE DATA

DEPTH	CNSRAT	CNSLS
5000.00	.833	10.930
5020.00	.788	13.350
5040.00	.856	10.990
5060.00	1.140	5.030
5080.00	1.394	2.610
5100.00	1.245	3.840
5120.00	1.324	3.130
5140.00	1.035	6.450
5160.00	.908	9.670
5180.00	1.213	4.230
5200.00	1.068	6.280
5220.00	.860	11.730
5240.00	.766	15.370
5260.00	.811	13.820
5280.00	-999.000	-999.000

CARTDISK END OF JOB