

GL04428

WELL LOG DATA SHEET

GEOBN01 (PLT (2,1))

DIGITIZED FILE NAME IELC.

DATE DIGITIZED 5/6/86
5/8/86 5/9/86

BY WHOM Mark Tippie

DATE PLOTTED

DID DATA PLOT CORRECTLY? origin problem, 2
must invert 4 ft
1 has incorrect scale

CAN FILE BE OVERWRITTEN?

DATE OVERWRITTEN

DRILLING COMPANY (2) G.E.O. (Newberry)

DRILL HOLE NAME (3) N No. 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon

PROJECT NAME (5)

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Induction Electrolog LOG DATE (9) 11/2/85

DATA TYPE (10) conductivity DATA UNITS (11) mhos

478
1787
475

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
470	1250	0	250	05-13	11	
1770	3300	0	2	18-33		
3300	4000	0	2	33-40	10	
470	680	0	12	05-07R		

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0

PERMANENT DATUM (20) GL ELEVATION 5840

CASING DEPTH (22) 1800 (3.125) BIT SIZE (23) 3.75

FLUID TYPE (24) water TIME SINCE CIRCULATION (25) 6 hrs

MAXIMUM RECORDED TEMPERATURE (26) 166 (BHT 166)

COMMENTS (27) 3600 ft. west & 2758 ft. north of SE corner

NUMBER OF SCALE CHANGES (28): | 0 | 0 | 0 | | | | |

Interval between 1250 ft. and 1788 ft. was not logged because well condition Figure 1

SCALE CHANGE SHEET

+-----+						
NSC						
+-----+						
1.	2.	3.	4.	5.	6.	
+-----+						
7.	8.	9.	10.	11.	12.	
+-----+						
13.	14.	15.	16.	17.	18.	
+-----+						
19.	20.	21.	22.	23.	24.	
+-----+						
25.	26.	27.	28.	29.	30.	
+-----+						
31.	32.	33.	34.	35.	36.	
+-----+						
37.	38.	39.	40.	41.	42.	
+-----+						
43.	44.	45.	46.	47.	48.	
+-----+						
49.	50.	51.	52.	53.	54.	
+-----+						
55.	56.	57.	58.	59.	60.	
+-----+						
61.	62.	63.	64.	65.	66.	
+-----+						
67.	68.	69.	70.	71.	72.	
+-----+						
73.	74.	75.	76.	77.	78.	
+-----+						
79.	80.	81.	82.	83.	84.	
+-----+						
85.	86.	87.	88.	89.	90.	
+-----+						
91.	92.	93.	94.	95.	96.	
+-----+						
97.	98.	99.	100.	101.	102.	
+-----+						
103.	104.	105.	106.	107.	108.	
+-----+						
109.	110.	111.	112.	113.	114.	
+-----+						
115.	116.	117.	118.	119.	120.	
+-----+						
121.	122.	123.	124.	125.	126.	
+-----+						
127.	128.	129.	130.	131.	132.	
+-----+						
133.	134.	135.	136.	137.	138.	
+-----+						
139.	140.	141.	142.	143.	144.	
+-----+						
145.	146.	147.	148.	149.	150.	
+-----+						

Figure 2

DIGITIZED FILE NAME IELDI.
 DATE DIGITIZED 5/23/86 ^{6/13/86} ^{6/14/86} BY WHOM Mark Tippie
 DATE PLOTTED _____ DID DATA PLOT CORRECTLY? Drigin problem (4)
 CAN FILE BE OVERWRITTEN? _____ DATE OVERWRITTEN _____

DRILLING COMPANY (2) G.E.O. (Newberry)
 DRILL HOLE NAME (3) N. No. 1
 AREA (4): FIELD Newberry COUNTY Dorechutes STATE Oregon
 PROJECT NAME (5) Cascades
 LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Induction Electrology LOG DATE (9) 11/2/85
 DATA TYPE (10) Deep Induction DATA UNITS (11) Ohm-meters

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
478	750	0	20	05-08	16	
750	1000	0	20	08-10		
1000	1250	0	20	10-13	15	
470	120	0	20	05-07E		

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0
 LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0
 PERMANENT DATUM (20) GL ELEVATION 5840
 CASING DEPTH (22) 1800 BIT SIZE (23) 3.75
1788 (3/25)
 FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 6 hrs
 MAXIMUM RECORDED TEMPERATURE (26) 166 (BHT 166)

COMMENTS (27) 3600 ft. west & 2758 ft. north of SE corner.

NUMBER OF SCALE CHANGES (28): 15 | 25 | 29 | 22 | _____ | _____ | _____

Interval between 1250 ft. and 1788 ft. was not logged because of well conditions
 Figure 1

SCALE CHANGE SHEET

NSC					
1. 10.	2. 1.	3. 10.	4. 1.	5. 10.	6. 1.
7. 10.	8. 1.	9. 10.	10. 1.	11. 10.	12. 1.
13. 10.	14. 1.	15. 10.	16. 10.	17. 1.	18. 10.
19. 1.	20. 10.	21. 1.	22. 10.	23. 1.	24. 10.
25. 1.	26. 10.	27. 1.	28. 10.	29. 1.	30. 10.
31. 1.	32. 10.	33. 1.	34. 10.	35. 1.	36. 10.
37. 1.	38. 10.	39. 1.	40. 10.	41. 10.	42. 1.
43. 10.	44. 1.	45. 10.	46. 1.	47. 10.	48. 1.
49. 10.	50. 1.	51. 10.	52. 1.	53. 10.	54. 1.
55. 10.	56. 1.	57. 10.	58. 1.	59. 10.	60. 1.
61. 10.	62. 1.	63. 10.	64. 1.	65. 10.	66. 1.
67. 10.	68. 1.	69. 10.	70. 10.	71. 1.	72. 10.
73. 1.	74. 10.	75. 1.	76. 10.	77. 1.	78. 10.
79. 1.	80. 10.	81. 1.	82. 10.	83. 1.	84. 10.
85. 1.	86. 10.	87. 1.	88. 10.	89. 1.	90. 10.
91. 1.	92.	93.	94.	95.	96.
97.	98.	99.	100.	101.	102.
103.	104.	105.	106.	107.	108.
109.	110.	111.	112.	113.	114.
115.	116.	117.	118.	119.	120.
121.	122.	123.	124.	125.	126.
127.	128.	129.	130.	131.	132.
133.	134.	135.	136.	137.	138.
139.	140.	141.	142.	143.	144.
145.	146.	147.	148.	149.	150.

Figure 2

DIGITIZED FILE NAME IELDI.

DATE DIGITIZED 6/3/86 BY WHOM Mark Tippie

DATE PLOTTED 5/22/86 DID DATA PLOT CORRECTLY? YES

CAN FILE BE OVERWRITTEN? DATE OVERWRITTEN

DRILLING COMPANY (2) GEO. (Newberry)

DRILL HOLE NAME (3) N No 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon

PROJECT NAME (5) Cascades

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Induction Electrolgy LOG DATE (9) 11/2/85

DATA TYPE (10) Deep Induction DATA UNITS (11) Ohm-meters

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
1785	2100	0	20	18-21	16	
2100	2400	0	20	21-24		
2400	2700	0	20	24-27		
2700	3300	0	20	27-33		

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0

PERMANENT DATUM (20) GL ELEVATION 5840

CASING DEPTH (22) 1800 BIT SIZE (23) 3.75
 1788 (3,125)

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 6 hrs

MAXIMUM RECORDED TEMPERATURE (26) 166 (BHT 166)

COMMENTS (27) Interval between 1250' and 1788' was not

NUMBER OF SCALE CHANGES (28): 27 | 38 | 44 | 36

logged because well condition. (3600 Ft. West and 2758 ft. north of SE corner). Figure 1

SCALE CHANGE SHEET

NSC											
1.	10.	2.	1.	3.	70.	4.	1.	5.	10.	6.	1.
7.	10.	8.	1.	9.	10.	10.	1.	11.	10.	12.	1.
13.	10.	14.	1.	15.	10.	16.	1.	17.	10.	18.	1.
19.	10.	20.	1.	21.	10.	22.	1.	23.	10.	24.	1.
25.	10.	26.	1.	27.	10.	28.	10.	29.	1.	30.	10.
31.	1.	32.	10.	33.	1.	34.	10.	35.	1.	36.	10.
37.	1.	38.	10.	39.	1.	40.	10.	41.	1.	42.	10.
43.	1.	44.	10.	45.	1.	46.	10.	47.	1.	48.	10.
49.	1.	50.	10.	51.	1.	52.	10.	53.	1.	54.	10.
55.	1.	56.	10.	57.	1.	58.	10.	59.	1.	60.	10.
61.	1.	62.	10.	63.	1.	64.	10.	65.	1.	66.	10.
67.	1.	68.	10.	69.	1.	70.	10.	71.	1.	72.	10.
73.	1.	74.	10.	75.	1.	76.	10.	77.	1.	78.	10.
79.	1.	80.	10.	81.	1.	82.	10.	83.	1.	84.	10.
85.	1.	86.	10.	87.	1.	88.	10.	89.	1.	90.	10.
91.	1.	92.	10.	93.	1.	94.	10.	95.	1.	96.	70.
97.	1.	98.	10.	99.	1.	100.	10.	101.	1.	102.	10.
103.	1.	104.	10.	105.	1.	106.	10.	107.	1.	108.	10.
109.	1.	110.	10.	111.	1.	112.	10.	113.	1.	114.	10.
115.	1.	116.	10.	117.	1.	118.	10.	119.	1.	120.	10.
121.	1.	122.	10.	123.	1.	124.	10.	125.	1.	126.	10.
127.	1.	128.	10.	129.	1.	130.	10.	131.	1.	132.	10.
133.	1.	134.	10.	135.	1.	136.	10.	137.	1.	138.	10.
139.	1.	140.	10.	141.	1.	142.	10.	143.	1.	144.	10.
145.	1.	146.		147.		148.		149.		150.	

Figure 2

WELL LOG DATA SHEET

GEONUBW1 (PLT3)

DIGITIZED FILE NAME IELDI
 DATE DIGITIZED 6/3/86 BY WHOM Mark Tippie
 DATE PLOTTED _____ DID DATA PLOT CORRECTLY? Yes
 CAN FILE BE OVERWRITTEN? _____ DATE OVERWRITTEN _____

DRILLING COMPANY (2) G.F.O. (Newberry)
 DRILL HOLE NAME (3) N No. 1
 AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon
 PROJECT NAME (5) _____

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Induction Electrolog LOG DATE (9) 11/2/86

DATA TYPE (10) Deep Induction DATA UNITS (11) Ohm-meters

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
3300	4000	0	20	33-40	16	

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0

PERMANENT DATUM (20) GL ELEVATION 5840

CASING DEPTH (22) 1800 BIT SIZE (23) 3.75
1788 (3.125)

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 6 hrs.

MAXIMUM RECORDED TEMPERATURE (26) 166. (BHT 166.)

COMMENTS (27) 3600 ft. west & 2758 ft. north of SE corner.

NUMBER OF SCALE CHANGES (28): | 8 | | | | | | | |

Interval between 1250 ft. and 1788 ft. was not logged because of well conditions. Figure 1

SCALE CHANGE SHEET

NSC						
1. 10.	2. 1.	3. 10.	4. 1.	5. 10.	6. 1.	
7. 10.	8. 1.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	

Figure 2

WELL LOG DATA SHEET

GEONBUN1 (PLT(4))

DIGITIZED FILE NAME IEL SN.

DATE DIGITIZED 5/8/86 5/9/86

BY WHOM Mark Tippie

DATE PLOTTED

DID DATA PLOT CORRECTLY? origin problem

CAN FILE BE OVERWRITTEN?

DATE OVERWRITTEN

DRILLING COMPANY (2) GED. (Newberry)

DRILL HOLE NAME (3) N No. 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon

PROJECT NAME (5)

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Induction Electrolog LOG DATE (9) 11/2/85

DATA TYPE (10) Short Normal DATA UNITS (11) Ohm-Meters

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
1778 1770	3300	0	4	18-33	9	
3300	3700	0	4	33-37		
3700	4000	0	4	37-40		
1778	3300					

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0.

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0.

PERMANENT DATUM (20) GL ELEVATION 5840.

CASING DEPTH (22) 1800. 1788. (3,125) BIT SIZE (23) 3.75

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 6 hrs

MAXIMUM RECORDED TEMPERATURE (26) 166. (BHT 166.)

COMMENTS (27) 3600 ft west & 2758 ft. north of SE corner.

NUMBER OF SCALE CHANGES (28): 1 13 130 117 1 1 1 1

Interval between 1250 ft. and 1788 ft. was not logged because of well condition.

Figure 1

SCALE CHANGE SHEET

-----+-----						
NSC						
-----+-----						
1. 50.	2. 5.	3. 50.	4. 5.	5. 50.	6. 5	
7. 50.	8. 5.	9. 50.	10. 5.	11. 50.	12. 5	
13. 50.	14. 50.	15. 5.	16. 1.	17. 5.	18. 50.	
19. 5.	20. 1.	21. 5.	22. 50.	23. 5.	24. 50.	
25. 5.	26. 50.	27. 5.	28. 50.	29. 5.	30. 50.	
31. 5.	32. 50.	33. 5.	34. 50.	35. 5.	36. 1.	
37. 5.	38. 50.	39. 5.	40. 50.	41. 5.	42. 50.	
43. 5.	44. 5.	45. 1.	46. 5.	47. 50.	48. 5.	
49. 50.	50. 5.	51. 1.	52. 5.	53. 1.	54. 5.	
55. 1.	56. 5.	57. 50.	58. 5.	59. 50.	60. 5.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	
-----+-----						

Figure 2

DIGITIZED FILE NAME IELSP.

DATE DIGITIZED 5/8/86 5/9/86

BY WHOM Mark Tippie

DATE PLOTTED 5/22/86

DID DATA PLOT CORRECTLY ? SHIFT 1 by 40, origin problem (1)

CAN FILE BE OVERWRITTEN ?

DATE OVERWRITTEN

DRILLING COMPANY (2) G.E.O. (Newberry)

DRILL HOLE NAME (3) N No. 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon

PROJECT NAME (5) Cascades

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Induction Electrolon LOG DATE (9) 11/2/85

DATA TYPE (10) Self Potential DATA UNITS (11) millivolts

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
1778 1770	3300	0	40	18-33	78	
3300	4000	40	40	33-40		

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0

PERMANENT DATUM (20) GL ELEVATION 5840

CASING DEPTH (22) 1800 1788 (3, 125) BIT SIZE (23) 3.75

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 6 hrs

MAXIMUM RECORDED TEMPERATURE (26) 166 (BHT 166)

COMMENTS (27) 3600 ft west & 2758 ft north of SE corner.

NUMBER OF SCALE CHANGES (28): | 0 | 0 | | | | | |

Interval between 1250 ft and 1788 ft, not logged because of well conditions.

Figure 1

SCALE CHANGE SHEET

+-----+						
NSC						
1.	2.	3.	4.	5.	6.	
7.	8.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	
+-----+						

Figure 2

WELL LOG DATA SHEET

DIGITIZED FILE NAME GTLIT.
 DATE DIGITIZED 5/5/86 BY WHOM Mark Tippie
 DATE PLOTTED _____ DID DATA PLOT CORRECTLY? INCORRECT SCALE
 CAN FILE BE OVERWRITTEN? _____ DATE OVERWRITTEN _____

DRILLING COMPANY (2) G.E.O. (Newberry)
 DRILL HOLE NAME (3) N No. 1
 AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon
 PROJECT NAME (5) _____
 LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas
 LOG NAME (8) Geothermal Temperature LOG DATE (9) 11/2/85
 DATA TYPE (10) Temperature DATA UNITS (11) Degrees Centigrade

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
0	1500	0	50	00-15	1	
1500	3100	0	50	15-31	2	
3100	4700	0	50	31-40	3	

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0
 LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0
 PERMANENT DATUM (20) GL ELEVATION 5840
 CASING DEPTH (22) (3.125) 1800 BIT SIZE (23) 3.75
 FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 35 hrs
 MAXIMUM RECORDED TEMPERATURE (26) 179 (BHT 179)
 COMMENTS (27) 3600 feet west & 2758 ft north of SE corner.
 NUMBER OF SCALE CHANGES (28): 0 0 0 0 0 0 0 0 0 0

Figure 1

SCALE CHANGE SHEET

-----+						
NSC		-----+				
1.	2.	3.	4.	5.	6.	
7.	8.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	
-----+						

Figure 2

DIGITIZED FILE NAME GTLDT

DATE DIGITIZED 5/5/86

BY WHOM Mark Tippie

DATE PLOTTED

DID DATA PLOT CORRECTLY? INCORRECT SCALE (1,2,3)

CAN FILE BE OVERWRITTEN?

DATE OVERWRITTEN

DRILLING COMPANY (2) G.E.O.

DRILL HOLE NAME (3) N No. 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE OR

PROJECT NAME (5)

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Geothermal Temp LOG DATE (9) 11/2/85

DATA TYPE (10) DTEM DATA UNITS (11)

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
0.	1500.	0.	25	00-15	} 12	
1500.	3100.	0.	25	15-31		
3100.	4000.	0.	25	31-40		
1500.	3100.	0.	20	15-31		

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0.

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0.

PERMANENT DATUM (20) GL ELEVATION 5840.

CASING DEPTH (22) 1800 BIT SIZE (23) 3.75
1780. (3,125)

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 35 hrs

MAXIMUM RECORDED TEMPERATURE (26) 179. (BHT 179.)

COMMENTS (27) 3600 ft. west & 2758 ft north of SE corner

NUMBER OF SCALE CHANGES (28): | 0 | | | | | | | |

Spikes due to software problems in the computer have been omitted while digitizing. Figure 1

(11/55/13) 56

SCALE CHANGE SHEET

+-----+						
NSC						
1.	2.	3.	4.	5.	6.	
7.	8.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	

Figure 2

WELL LOG DATA SHEET

GEOUBU1

GPLT(8)

DIGITIZED FILE NAME GRL
 DATE DIGITIZED 5/6/86 5/9/86 BY WHOM Mark Tippie
 DATE PLOTTED _____ DID DATA PLOT CORRECTLY? INCORRECT SCALE (1,2)
 CAN FILE BE OVERWRITTEN? _____ DATE OVERWRITTEN _____

DRILLING COMPANY (2) G.E.O. (Newberry)

DRILL HOLE NAME (3) N No. 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon

PROJECT NAME (5) _____

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE _____ LONGITUDE _____

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) Gamma Ray Log LOG DATE (9) 11/2/85

DATA TYPE (10) Gamma Ray DATA UNITS (11) API

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
0.	1500.	0.	50.	00-15	7	
1500.	3100.	0.	50.	15-31		
3100.	3370.3369.	0.	40.	31-34		
3360.	4000.	0.	40.	34-40		

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.D.) (17) 0.

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.D.) (19) 0.

PERMANENT DATUM (20) GL ELEVATION 5840.

CASING DEPTH (22) (3125) 1800. BIT SIZE (23) 3.75

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 4 hrs

MAXIMUM RECORDED TEMPERATURE (26) 160. (BHT 160)

COMMENTS (27) 3600 ft. west & 2758 ft. north of SE corner.

NUMBER OF SCALE CHANGES (28): 0 0 0 0 0 0 0 0 0 0

Figure 1

SCALE CHANGE SHEET

+-----+					
NSC					
1.	2.	3.	4.	5.	6.
7.	8.	9.	10.	11.	12.
13.	14.	15.	16.	17.	18.
19.	20.	21.	22.	23.	24.
25.	26.	27.	28.	29.	30.
31.	32.	33.	34.	35.	36.
37.	38.	39.	40.	41.	42.
43.	44.	45.	46.	47.	48.
49.	50.	51.	52.	53.	54.
55.	56.	57.	58.	59.	60.
61.	62.	63.	64.	65.	66.
67.	68.	69.	70.	71.	72.
73.	74.	75.	76.	77.	78.
79.	80.	81.	82.	83.	84.
85.	86.	87.	88.	89.	90.
91.	92.	93.	94.	95.	96.
97.	98.	99.	100.	101.	102.
103.	104.	105.	106.	107.	108.
109.	110.	111.	112.	113.	114.
115.	116.	117.	118.	119.	120.
121.	122.	123.	124.	125.	126.
127.	128.	129.	130.	131.	132.
133.	134.	135.	136.	137.	138.
139.	140.	141.	142.	143.	144.
145.	146.	147.	148.	149.	150.
+-----+					

Figure 2

WELL LOG DATA SHEET **GEORBINI (, PLT(9))**

DIGITIZED FILE NAME **CLC**
 DATE DIGITIZED **5/12/86** BY WHOM **Mark Tippie**
 DATE PLOTTED _____ DID DATA PLOT CORRECTLY? **Origin problems (1,2,3)**
 CAN FILE BE OVERWRITTEN? _____ DATE OVERWRITTEN **SHIFT 1 by 2.**

DRILLING COMPANY (2) **G.E.O. (Newberry)**
 DRILL HOLE NAME (3) **N No 1**
 AREA (4): FIELD **Newberry** COUNTY **Deschutes** STATE **Oregon**
 PROJECT NAME (5) **Cascades**
 LOCATION (6): SECTION **25** TOWNSHIP **22S** RANGE **12E**
 LATITUDE **?** LONGITUDE **?**

LOGGING COMPANY (7) **Dresser Atlas**
 LOG NAME (8) **(Farm) Caliper log** LOG DATE (9) **11/3/85**
 DATA TYPE (10) **Caliper** DATA UNITS (11) **inch**

452
452
1775

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
450.	677 670.	0.	4.	05-07R	14	
450.	1240. ¹²⁴⁴	2.	4.	05-13	7	
1770.	2600.	2.	4.	18-26	1	
2600.	3430.	2.	4.	26-34		

DRILLING MEASURED FROM (16) **GL** ELEVATION (ABOVE P.D.) (17) **0**
 LOGGING MEASURED FROM (18) **GL** ELEVATION (ABOVE P.D.) (19) **0**
 PERMANENT DATUM (20) **GL** ELEVATION **5840.**
 CASING DEPTH (22) **800 / 788 (3.125)** BIT SIZE (23) **3.875**
 FLUID TYPE (24) **Water** TIME SINCE CIRCULATION (25) **27 hrs**
 MAXIMUM RECORDED TEMPERATURE (26) **?**

COMMENTS (27) **3600 ft. west & 2758 ft. north of SE corner.**

NUMBER OF SCALE CHANGES (28): | 0 | | | | | | | | | |

Interval between 3430 & TD as well as 1250 ft. & 1788 ft. were not logged because of hole condition. Figure 1.

SCALE CHANGE SHEET

-----+-----						
NSC						
-----+-----						
1.	2.	3.	4.	5.	6.	
7.	8.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	
-----+-----						

Figure 2

WELL LOG DATA SHEET

GEOBUNI (ALT 95)

DIGITIZED FILE NAME CLC13

DATE DIGITIZED 5/12/86

BY WHOM Mark Tipple

DATE PLOTTED

DID DATA PLOT CORRECTLY ? Original problems (1, 2, 3)

CAN FILE BE OVERWRITTEN ?

DATE OVERWRITTEN

DRILLING COMPANY (2) G.E.O. (Newberry)

DRILL HOLE NAME (3) N.W. 1

AREA (4): FIELD Newberry COUNTY Deschutes STATE Oregon

PROJECT NAME (5) Cascades

LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas

LOG NAME (8) 4 turn Caliper LOG DATE (9) 11/3/85

DATA TYPE (10) Caliper 13 DATA UNITS (11) inches

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
450	677	2	4	05-07R	3	
452	1240	2	4	05-13	7	
1775	2600	2	4	18-26	4	
	3430	2	4	26-34	4	

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.O.) (17) 0

LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.O.) (19) 0

PERMANENT DATUM (20) GL ELEVATION 5840

CASING DEPTH (22) 1800, 1788 (3.125) BIT SIZE (23) 3.875

FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 27hrs

MAXIMUM RECORDED TEMPERATURE (26) ?

COMMENTS (27) 3600ft west & 2758 ft north of SE corner.

NUMBER OF SCALE CHANGES (28): | 0 | | | | | | | | | |

Interval between 3430ft. & TD as well as 1250ft & 1788 ft. were not logged because of hole condition.
 Figure 1

SCALE CHANGE SHEET

+-----+						
NSC						
+-----+						
1.	2.	3.	4.	5.	6.	
7.	8.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	
+-----+						

Figure 2

WELL LOG DATA SHEET

GEORUBNI (.PLT(9))

DIGITIZED FILE NAME CLC24
 DATE DIGITIZED 5/11/84 BY WHOM Mark Tippie
 DATE PLOTTED _____ DID DATA PLOT CORRECTLY? Origin problems
 CAN FILE BE OVERWRITTEN? _____ DATE OVERWRITTEN _____

DRILLING COMPANY (2) GE.O. (Newberry)
 DRILL HOLE NAME (3) N No. 1
 AREA (4): FIELD Newberry COUNTY Doschutes STATE Oregon
 PROJECT NAME (5) Cascades
 LOCATION (6): SECTION 25 TOWNSHIP 22S RANGE 12E
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) Dresser Atlas
 LOG NAME (8) farm Caliper LOG DATE (9) _____
 DATA TYPE (10) C24 DATA UNITS (11) inches

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
454 452 1715 450	577 670 1240 2600	2 2 2 2	4 4 4 4	05-07R 05-13 18-26 26-34	5 7 6	

DRILLING MEASURED FROM (16) GL ELEVATION (ABOVE P.O.) (17) 0
 LOGGING MEASURED FROM (18) GL ELEVATION (ABOVE P.O.) (19) 0
 PERMANENT DATUM (20) GL ELEVATION 5840
 CASING DEPTH (22) 1800, 1788, (3.125) BIT SIZE (23) 3.875
 FLUID TYPE (24) Water TIME SINCE CIRCULATION (25) 27 hrs
 MAXIMUM RECORDED TEMPERATURE (26) ?
 COMMENTS (27) 3600 ft. west & 2758 ft. north of SE corner.

NUMBER OF SCALE CHANGES (28): | 0 | | | | | | | |

Interval between 3430 & TD as well as 1250 & 1788 ft, were not logged because of hole condition. Figure 1

SCALE CHANGE SHEET

-----+-----						
NSC						
-----+-----						
1.	2.	3.	4.	5.	6.	
-----+-----						
7.	8.	9.	10.	11.	12.	
-----+-----						
13.	14.	15.	16.	17.	18.	
-----+-----						
19.	20.	21.	22.	23.	24.	
-----+-----						
25.	26.	27.	28.	29.	30.	
-----+-----						
31.	32.	33.	34.	35.	36.	
-----+-----						
37.	38.	39.	40.	41.	42.	
-----+-----						
43.	44.	45.	46.	47.	48.	
-----+-----						
49.	50.	51.	52.	53.	54.	
-----+-----						
55.	56.	57.	58.	59.	60.	
-----+-----						
61.	62.	63.	64.	65.	66.	
-----+-----						
67.	68.	69.	70.	71.	72.	
-----+-----						
73.	74.	75.	76.	77.	78.	
-----+-----						
79.	80.	81.	82.	83.	84.	
-----+-----						
85.	86.	87.	88.	89.	90.	
-----+-----						
91.	92.	93.	94.	95.	96.	
-----+-----						
97.	98.	99.	100.	101.	102.	
-----+-----						
103.	104.	105.	106.	107.	108.	
-----+-----						
109.	110.	111.	112.	113.	114.	
-----+-----						
115.	116.	117.	118.	119.	120.	
-----+-----						
121.	122.	123.	124.	125.	126.	
-----+-----						
127.	128.	129.	130.	131.	132.	
-----+-----						
133.	134.	135.	136.	137.	138.	
-----+-----						
139.	140.	141.	142.	143.	144.	
-----+-----						
145.	146.	147.	148.	149.	150.	
-----+-----						

Figure 2

WELL LOG DATA SHEET **GEONBUI** (IPLT(10))

DIGITIZED FILE NAME **BHCAL**

 DATE DIGITIZED **5/15/86** BY WHOM **Mark Tippie**

 DATE PLOTTED _____ DID DATA PLOT CORRECTLY ? _____

 CAN FILE BE OVERWRITTEN ? _____ DATE OVERWRITTEN _____

DRILLING COMPANY (2) **G.E.O. (Newberry)**

 DRILL HOLE NAME (3) **N No. 1**

 AREA (4): FIELD **Newberry** COUNTY **Deschutes** STATE **Oregon**

 PROJECT NAME (5) **Cascades**

 LOCATION (6): SECTION **25** TOWNSHIP **22S** RANGE **12E**
 LATITUDE ? LONGITUDE ?

LOGGING COMPANY (7) **Dresser Atlas**

 LOG NAME (8) **BHC Acoustilog** LOG DATE (9) **11/3/85**

 DATA TYPE (10) **AC** DATA UNITS (11) **Misc / Ft**

STARTING DEPTH (14)	ENDING DEPTH (15)	Y-ORIGIN (12)	Y-UNITS PER IN. (13)	DIG. FILE LETTER	MERGE-FILE NUMBER	*
3400	4000	-40.	20.	34-40	} 13	
2800	3400	-40.	20.	28-34		
2200	2800	-40.	20.	22-28		
1770	2200	-40.	20.	18-22		

1776

DRILLING MEASURED FROM (16) **GL** ELEVATION (ABOVE P.D.) (17) **0.**

 LOGGING MEASURED FROM (18) **GL** ELEVATION (ABOVE P.D.) (19) **0.**

 PERMANENT DATUM (20) **GL** ELEVATION **5840.**

 CASING DEPTH (22) **1800** BIT SIZE (23) **3.75**
1788 (3.125)

 FLUID TYPE (24) **Water** TIME SINCE CIRCULATION (25) **12 hrs**

 MAXIMUM RECORDED TEMPERATURE (26) **176. (BHT 176.)**

 COMMENTS (27) **3600 ft west & 2758 ft north of SE corner**

 NUMBER OF SCALE CHANGES (28): **1 0 1 0 1 0 1 1 1 1**

Figure 1

SCALE CHANGE SHEET

-----+						
NSC						
-----+						
1.	2.	3.	4.	5.	6.	
7.	8.	9.	10.	11.	12.	
13.	14.	15.	16.	17.	18.	
19.	20.	21.	22.	23.	24.	
25.	26.	27.	28.	29.	30.	
31.	32.	33.	34.	35.	36.	
37.	38.	39.	40.	41.	42.	
43.	44.	45.	46.	47.	48.	
49.	50.	51.	52.	53.	54.	
55.	56.	57.	58.	59.	60.	
61.	62.	63.	64.	65.	66.	
67.	68.	69.	70.	71.	72.	
73.	74.	75.	76.	77.	78.	
79.	80.	81.	82.	83.	84.	
85.	86.	87.	88.	89.	90.	
91.	92.	93.	94.	95.	96.	
97.	98.	99.	100.	101.	102.	
103.	104.	105.	106.	107.	108.	
109.	110.	111.	112.	113.	114.	
115.	116.	117.	118.	119.	120.	
121.	122.	123.	124.	125.	126.	
127.	128.	129.	130.	131.	132.	
133.	134.	135.	136.	137.	138.	
139.	140.	141.	142.	143.	144.	
145.	146.	147.	148.	149.	150.	
-----+						

Figure 2