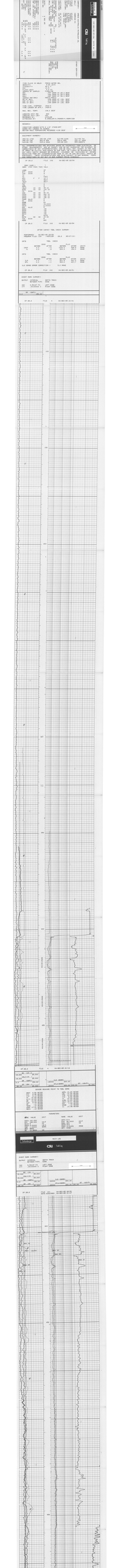
NAME	VALUE	UNIT
DEPT	2150.25	ft
TPLA	0.20312	
AF60	0.20312	
AF90	0.20312	
AO60	0.20312	
AO90	0.20312	
AHO1	0.20312	
AHO2	0.20312	
AHO4	0.20312	
AHO6	0.20312	
LLTA	8835	
LLTR	8835	
RLTA	0.20312	
RLTR	0.20312	
LLSH	91.25	
LLSD	91.25	
TPSA	0.20312	
TPSR	0.20312	
TPSL	0.20312	
TPSD	0.20312	
RPSA	0.20312	
RPSR	0.20312	
RPSL	0.20312	
RPSD	0.20312	
HTNA	0.20312	
HTNR	0.20312	
HTNL	0.20312	
HTND	0.20312	
ROP	999.2500	
GR	0.20312	
CS	0.20312	
TS	0.20312	
HVPA	1.295	
HVPR	0.20312	
DCAL	0.20312	
DPHZ	0.20312	
DPHA	56.2656	
DPHB	0.20312	
DPOZ	0.20312	
PE	0.20312	

NAME	VALUE	UNIT
NPHI	0.20312	
TPLA	0.20312	
AF60	0.20312	
AF90	0.20312	
AO60	0.20312	
AO90	0.20312	
AHO1	0.20312	
AHO2	0.20312	
AHO4	0.20312	
AHO6	0.20312	
RILD	0.20312	
RILM	0.20312	
RIRD	0.20312	
RIRM	0.20312	
SP	0.20312	
TENS	0.20312	
MRES	0.20312	
MTEM	0.20312	
GAPI	0.20312	
TPSA	0.20312	
TPSR	0.20312	
TPSL	0.20312	
TPSD	0.20312	
RPSA	0.20312	
RPSR	0.20312	
RPSL	0.20312	
RPSD	0.20312	
ECGR	0.20312	
DCAL	0.20312	
DPHZ	0.20312	
DPHA	0.20312	
DPHB	0.20312	
DPOZ	0.20312	
PE	0.20312	
HDAR	0.20312	

TAPE HIT MARK

Schlumberger

CSU Field Log




1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750
3800
3850
3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
4700
4750
4800
4850
4900
4950
5000
5050
5100
5150
5200
5250
5300
5350
5400
5450
5500
5550
5600
5650
5700
5750
5800
5850
5900
5950
6000
6050
6100
6150
6200
6250
6300
6350
6400
6450
6500
6550
6600
6650
6700
6750
6800
6850
6900
6950
7000
7050
7100
7150
7200
7250
7300
7350
7400
7450
7500
7550
7600
7650
7700
7750
7800
7850
7900
7950
8000
8050
8100
8150
8200
8250
8300
8350
8400
8450
8500
8550
8600
8650
8700
8750
8800
8850
8900
8950
9000
9050
9100
9150
9200
9250
9300
9350
9400
9450
9500
9550
9600
9650
9700
9750
9800
9850
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
10450
10500
10550
10600
10650
10700
10750
10800
10850
10900
10950
11000
11050
11100
11150
11200
11250
11300
11350
11400
11450
11500
11550
11600
11650
11700
11750
11800
11850
11900
11950
12000
12050
12100
12150
12200
12250
12300
12350
12400
12450
12500
12550
12600
12650
12700
12750
12800
12850
12900
12950
13000
13050
13100
13150
13200
13250
13300
13350
13400
13450
13500
13550
13600
13650
13700
13750
13800
13850
13900
13950
14000
14050
14100
14150
14200
14250
14300
14350
14400
14450
14500
14550
14600
14650
14700
14750
14800
14850
14900
14950
15000
15050
15100
15150
15200
15250
15300
15350
15400
15450
15500
15550
15600
15650
15700
15750
15800
15850
15900
15950
16000
16050
16100
16150
16200
16250
16300
16350
16400
16450
16500
16550
16600
16650
16700
16750
16800
16850
16900
16950
17000
17050
17100
17150
17200
17250
17300
17350
17400
17450
17500
17550
17600
17650
17700
17750
17800
17850
17900
17950
18000
18050
18100
18150
18200
18250
18300
18350
18400
18450
18500
18550
18600
18650
18700
18750
18800
18850
18900
18950
19000
19050
19100
19150
19200
19250
19300
19350
19400
19450
19500
19550
19600
19650
19700
19750
19800
19850
19900
19950
20000
20050
20100
20150
20200
20250
20300
20350
20400
20450
20500
20550
20600
20650
20700
20750
20800
20850
20900
20950
21000
21050
21100
21150
21200
21250
21300
21350
21400
21450
21500
21550
21600
21650
21700
21750
21800
21850
21900
21950
22000
22050
22100
22150
22200
22250
22300
22350
22400
22450
22500
22550
22600
22650
22700
22750
22800
22850
22900
22950
23000
23050
23100
23150
23200
23250
23300
23350
23400
23450
23500
23550
23600
23650
23700
23750
23800
23850
23900
23950
24000
24050
24100
24150
24200
24250
24300
24350
24400
24450
24500
24550
24600
24650
24700
24750
24800
24850
24900
24950
25000
25050
25100
25150
25200
25250
25300
25350
25400
25450
25500
25550
25600
25650
25700
25750
25800
25850
25900
25950
26000
26050
26100
26150
26200
26250
26300
26350
26400
26450
26500
26550
26600
26650
26700
26750
26800
26850
26900
26950
27000
27050
27100
27150
27200
27250
27300
27350
27400
27450
27500
27550
27600
27650
27700
27750
27800
27850
27900
27950
28000
28050
28100
28150
28200
28250
28300
28350
28400
28450
28500
28550
28600
28650
28700
28750
28800
28850
28900
28950
29000
29050
29100
29150
29200
29250
29300
29350
29400
29450
29500
29550
29600
29650
29700
29750
29800
29850
29900
29950
30000
30050
30100
30150
30200
30250
30300
30350
30400
30450
30500
30550
30600
30650
30700
30750
30800
30850
30900
30950
31000
31050
31100
31150
31200
31250
31300
31350
31400
31450
31500
31550
31600
31650
31700
31750
31800
31850
31900
31950
32000
32050
32100
32150
32200
32250
32300
32350
32400
32450
32500
32550
32600
32650
32700
32750
32800
32850
32900
32950
33000
33050
33100
33150
33200
33250
33300
33350
33400
33450
33500
33550
33600
33650
33700
33750
33800
33850
33900
33950
34000
34050
34100
34150
34200
34250
34300
34350
34400
34450
34500
34550
34600
34650
34700
34750
34800
34850
34900
34950
35000
35050
35100
35150
35200
35250
35300
35350
35400
35450
35500
35550
35600
35650
35700
35750
35800
35850
35900
35950
36000
36050
36100
36150
36200
36250
36300
36350
36400
36450
36500
36550
36600
36650
36700
36750
36800
36850
36900
36950
37000
37050
37100
37150
37200
37250
37300
37350
37400
37450
37500
37550
37600
37650
37700
37750
37800
37850
37900
37950
38000
38050
38100
38150
38200
38250
38300
38350
38400
38450
38500
38550
38600
38650
38700
38750
38800
38850
38900
38950
39000
39050
39100
39150
39200
39250
39300
39350
39400
39450
39500
39550
39600
39650
39700
39750
39800
39850
39900
39950
40000
40050
40100
40150
40200
40250
40300
40350
40400
40450
40500
40550
40600
40650
40700
40750
40800
40850
40900
40950
41000
41050
41100
41150
41200
41250
41300
41350
41400
41450
41500
41550
41600
41650
41700
41750
41800
41850
41900
41950
42000
42050
42100
42150
42200
42250
42300
42350
42400
42450
42500
42550
42600
42650
42700
42750
42800
42850
42900
42950
43000
43050
43100
43150
43200
43250
43300
43350
43400
43450
43500
43550
43600
43650
43700
43750
43800
43850
43900
43950
44000
44050
44100
44150
44200
44250
44300
44350
44400
44450
44500
44550
44600
44650
44700
44750
44800
44850
44900
44950
45000
45050
45100
45150
45200
45250
45300
45350
45400
45450
45500
45550
45600
45650
45700
45750
45800
45850
45900
45950
46000
46050
46100
46150
46200
46250
46300
46350
46400
46450
46500
46550
46600
46650
46700
46750
46800
46850
46900
46950
47000
47050
47100
47150
47200
47250
47300
47350
47400
47450
47500
47550
47600
47650
47700
47750
47800
47850
47900
47950
48000
48050
48100
48150
48200
48250
48300
48350
48400
48450
48500
48550
48600
48650
48700
48750
48800
48850
48900
48950
49000
49050
49100
49150
49200
49250
49300
49350
49400
49450
49500
49550
49600
49650
49700
49750
49800
49850
49900
49950
50000
50050
50100
50150
50200
50250
50300
50350
50400
50450
50500
50550
50600
50650
50700
50750
50800
50850
50900
50950
51000
51050
51100
51150
51200
51250
51300
51350
51400
51450
51500
51550
51600
51650
51700
51750
51800
51850
51900
51950
52000
52050
52100
52150
52200
52250
52300
52350
52400
52450
52500
52550
52600
52650
52700
52750
52800
52850
52900
52950
53000
53050
53100
53150
53200
53250
53300
53350
53400
53450
53500
53550
53600
53650
53700
53750
53800
53850
53900
53950
54000
54050
54100
54150
54200
54250
54300
54350
54400
54450
54500
54550
54600
54650
54700
54750
54800
54850
54900
54950
55000
55050
55100
55150
55200
55250
55300
55350
55400
55450
55500
55550
55600
55650
55700
55750
55800
55850
55900
55950
56000
56050
56100
56150
56200
56250
56300
56350
56400
56450
56500
56550
56600
56650
56700
56750
56800
56850
56900
56950
57000
57050
57100
57150
57200
57250
57300
57350
57400
57450
57500
57550
57600
57650
57700
57750
57800
57850
57900
57950
58000
58050
58100
58150
58200
58250
58300
58350
58400
58450
58500
58550
58600
58650
58700
58750
58800
58850
58900
58950
59000
59050
59100
59150
59200
59250
59300
59350
59400
59450
59500
59550
59600
59650
59700
59750
59800
59850
59900
59950
60000
60050
60100
60150
60200
60250
60300
60350
60400
60450
60500
60550
60600
60650
60700
60750
60800
60850
60900
60950
61000
61050
61100
61150
61200
61250
61300
61350
61400
61450
61500
61550
61600
61650
61700
61750
61800
61850
61900
61950
62000
62050
62100
62150
62200
62250
62300
62350
62400
62450
62500
62550
62600
62650
62700
62750
62800
62850
62900
62950
63000
63050
63100
63150
63200
63250
63300
63350
63400
63450
63500
63550
63600
63650
63700
63750
63800
63850
63900
63950
64000
64050
64100
64150
64200
64250
64300
64350
64400
64450
64500
64550
64600
64650
64700
64750
64800
64850
64900
64950
65000
65050
65100
65150
65200
65250
65300
65350
65400
65450
65500
65550
65600
65650
65700
65750
65800
65850
65900
65950
66000
66050
66100
66150
66200
66250
66300
66350
66400
66450
66500
66550
66600
66650
66700
66750
66800
66850
66900
66950
67000
67050
67100
67150
67200
67250
67300
67350
67400
67450
67500
67550
67600
67650
67700
67750
67800
67850
67900
67950
68000
68050
68100
68150
68200
68250
68300
68350
68400
68450
68500
68550
68600
68650
68700
68750
68800
68850
68900
68950
69000
69050
69100
69150
69200
69250
69300
69350
69400
69450
69500
69550
69600
69650
69700
69750
69800
69850
69900
69950
70000
70050
70100
70150
70200
70250
70300
70350
70400
70450
70500
70550
70600
70650
70700
70750
70800
70850
70900
70950
71000
71050
71100
71150
71200
71250
71300
71350
71400
71450
71500
71550
71600
71650
71700
71750
71800
71850
71900
71950
72000
72050
72100
72150
72200
72250
72300
72350
72400
72450
72500
72550
72600
72650
72700
72750
72800
72850
72900
72950
73000
73050
73100
73150
73200
73250
73300
73350
73400
73450
73500
73550
73600
73650
73700
73750
73800
73850
73900
73950
74000
74050
74100
74150
74200
74250
74300
74350
74400
74450
74500
74550
74600
74650
74700
74750
74800
74850
74900
74950
75000
75050
75100
75150
75200
75250
75300
75350
75400
75450
75500
75550
75600
75650
75700
75750
75800
75850
75900
75950
76000
76050
76100
76150
76200
76250
76300
76350
76400
76450
76500
76550
76600
76650
76700
76750
76800
76850
76900
76950
77000
77050
77100
77150
77200
77250
77300
77350
77400
77450
77500
77550
77600
77650
77700
77750
77800
77850
77900
77950
78000
78050
78100
78150
78200
78250
78300
78350
78400
78450
78500
78550
78600
78650
78700
78750
78800
78850
78900
78950
79000
79050
79100
79150
79200
79250
79300
79350
79400
79450
79500
79550
79600
79650
79700
79750
79800
79850
79900
79950
80000
80050
80100
80150
80200
80250
80300
80350
80400
80450
80500
80550
80600
80650
80700
80750
80800
80850
80900
80950
81000
81050
81100
81150
81200
81250
81300
81350
81400
81450
81500
81550
81600
81650
81700
81750
81800
81850
81900
81950
82000
82050
82100
82150
82200
82250
82300
82350
82400
82450
82500
82550
82600
82650
82700
82750
82800
82850
82900
82950
83000
83050
83100
83150
83200
83250
83300
83350
83400
83450
83500
83550
83600
83650
83700
83750
83800
83850
83900
83950
84000
84050
84100
84150
84200
84250
84300
84350
84400
84450
84500
84550
84600
84650
84700
84750
84800
84850
84900
84950
85000
85050
85100
85150
85200
85250
85300
85350
85400
85450
85500
85550
85600
85650
85700
85750
85800
85850
85900
85950
86000
86050
86100
86150
86200
86250
86300
86350
86400
86450
86500
86550
86600
86650
86700
86750
86800
86850
86900
86950
87000
87050
87100
87150
87200
87250
87300
87350
87400
87450
87500
87550
87600
87650
87700
87750
87800
87850
87900
87950
88000
88050
88100
88150
88200
88250
88300
88350
88400
88450
88500
88550
88600
88650
88700
88750
88800
88850
88900
88950
89000
89050
89100
89150
89200
89250
89300
89350
89400
89450
89500
89550
89600
89650
89700
89750
89800
89850
89900
89950
90000
90050
90100
90150
90200
90250
90300
90350
90400
90450
90500
90550
90600
90650
90700
90750
90800
90850
90900
90950
91000
91050
91100
91150
91200
91250
91300
91350
91400
91450
91500
91550
91600
91650
91700
91750
91800
91850
91900
91950
92000
92050
92100
92150
92200
92250
92300
92350
92400
92450
92500
92550
92600
92650
92700
92750
92800
92850
92900
92950
93000
93050
93100
93150
93200
93250
93300
93350
93400
93450
93500
93550
93600
93650
93700
93750
93800
93850
93900
93950
94000
94050
94100
94150
94200
94250
94300
94350
94400
94450
94500
94550
94600
94650
94700
94750
94800
94850
94900
94950
95000
95050
95100
95150
95200
95250
95300
95350
95400
95450
95500
95550
95600
95650
95700
95750
95800
95850
95900
95950
96000
96050
96100
96150
96200
96250
96300
96350
96400
96450
96500
96550
96600
96650
96700
96750
96800
96850
96900
96950
97000
97050
97100
97150
97200
97250
97300
97350
97400
97450
97500
97550
97600
97650
97700
97750
97800
97850
97900
97950
98000
98050
98100
98150
98200
98250
98300
98350
98400
98450
98500
98550
98600
98650
98700
98750
98800
98850
98900
98950
99000
99050
99100
99150
99200
99250
99300
99350
99400
99450
99500
99550
99600
99650
99700
99750
99800
99850
99900
99950
100000
100050
100100
100150
100200
100250
100300
100350
100400
100450
100500
100550
100600
100650
100700
100750
100800
100850
100900
100950
101000
101050
101100
101150
101200
101250
101300
101350
101400
101450
101500
101550
101600
101650
101700
101750
101800
101850
101900
101950
102000
102050
102100
102150
102200
102250
102300
102350
102400
102450
102500
102550
102600
102650
102700
102750
102800
102850
102900
102950
103000
103050
103100
103150
103200
103250
103300
103350
103400
103450
103500
103550
103600
103650
103700
103750
103800
103850
103900
103950
104000
104050
104100
104150
104200
104250
104300
104350
104400
104450
104500
104550
104600
104650
104700
104750
104800
104850
104900
104950
105000
105050
105100
105150
105200
105250
105300
105350
105400
105450
105500
105550
105600
105650
105700
105750
105800
105850
105900
105950
106000
106050
106100
106150
106200
106250
106300
106350
106400
106450
106500
106550
106600
106650
106700
106750
106800
106850
106900
106950
107000
107050
107100
107150
107200
107250
107300
107350
107400
107450
107500
107550
107600
107650
107700
107750
107800
107850
107900
107950
108000
108050
108100
108150
108200
108250
108300
108350
108400
108450
108500
108550
108600
108650
108700
108750
108800
108850
108900
108950
109000
109050
109100
109150
109200
109250
109300
109350
109400
109450
109500
109550
109600
109650
109700
109750
109800
109850
109900
109950
110000
110050
110100
110150
110200
110250
110300
110350
110400
110450
110500
110550
110600
110650
110700
110750
110800
110850
110900
110950
111000
111050
111100
111150
111200
111250
111300
111350
111400
111450
111500
111550
111600
111650
111700
111750
111800
111850
111900
111950
112000
112050
112100
112150
112200
112250
112300
112350
112400
112450
112500
112550
112600
112650
112700
112750
112800
112850
112900
112950
113000
113050
113100
113150
113200
113250
113300
113350
113400
113450
113500
113550
113600
113650
113700
113750
113800
113850
113900
113950
114000
114050
114100
114150
114200
114250
114300
114350
114400
114450
114500
114550
114600
114650
114700
114750
114800
114850
114900
114950
115000
115050
115100
115150
115200
115250
115300
115350
115400
115450
115500
115550
115600
115650
115700
115750
115800
115850
115900
115950
116000
116050
116100
116150
116200
116250
116300
116350
116400
116450
116500
116550
116600
116650
116700
116750
116800
116850
116900
116950
117000
117050
117100
117150
117200
117250
117300
117350
117400
117450
117500
117550
117600
117650
117700
117750
117800
117850
117900
117950
118000
118050
118100
118150
118200
118250
118300
118350
118400
118450
118500
118550
118600
118650
118700
118750
118800
118850
118900
118950
119000
119050
119100
119150
119200
119250
119300
119350
119400
119450
119500
119550
119600
119650
119700
119750
119800
119850
119900
119950
120000
120050
120100
120150
120200
120250
120300
120350
120400
120450
120500
120550
120600
120650
120700
120750
120800
120850
120900
120950
121000
121050
121100
121150
121200
121250
121300
121350
121400
121450
121500
121550
121600
121650
121700
121750
121800
121850
121900
121950
122000
122050
122100
122150
122200
122250
122300
122350
122400
122450
122500
122550
122600
122650
122700
122750
122800
122850
122900
122950
123000
123050
123100
123150
123200
123250
123300
123350
123400
123450
123500
123550
123600
123650
123700
123750
123800
123850
123900
123950
124000
124050
124100
124150
124200
124250
124300
124350
124400
124450
124500
124550
124600
124650
124700
124750
124800
124850
124900
124950
125000
125050
125100
125150
125200
125250
125300
125350
125400
125450
125500
125550
125600
125650
125700
125750
125800
125850
125900
125950
126000
126050
126100
126150
126200
126250
126300
126350
126400
126450
126500
126550
126600
126650
126700
126750
126800
126850
126900
126950
127000
127050
127100
127150
127200
127250
127300
127350
127400
127450
127500
127550
127600
127650
127700
127750
127800
127850
127900
127950
128000
128050
128100
128150
128200
128250
128300
128350
128400
128450
128500
128550
128600
128650
128700
128750
128800
128850
128900
128950
129000
129050
129100
129150
129200
129250
129300
129350
129400
129450
129500
129550
129600
129650
129700
129750
129800
129850
129900
129950
130000
130050
130100
130150
130200
130250
130300
130350
130400
130450
130500
130550
130600
130650
130700
130750
130800
130850
130900
130950
131000
131050
131100
131150
131200
131250
131300
131350
131400
131450
131500
131550
131600
131650
131700
131750
131800
131850
131900
131950
132000
132050
132100
132150
132200
132250
132300
132350
132400
132450
132500
132550
132600
132650
132700
132750
132800
132850
132900
132950
133000
133050
133100
133150
133200
133250
133300
133350
133400
133450
133500
133550
133600
133650
133700
133750
133800
133850
133900
133950
134000
134050
134100
134150
134200
134250
134300
134350
134400
134450
134500
134550
134600
134650
134700
134750
134800
134850
134900
134950
135000
135050
135100
135150
135200
135250
135300
135350
135400
135450
135500
135550
135600
135650
135700
135750
135800
135850
135900
135950
136000
136050
136100
136150
136200
136250
136300
136350
136400
136450
136500
136550
136600
136650
136700
136750
136800
136850
136900
136950
137000
137050
137100
137150
137200
137250
137300
137350
137400
137450
137500
137550
137600
137650
137700
137750
137800
137850
137900
137950
138000
138050
138100
138150
138200
138250
138300
138350
138400
138450
138500
138550
138600
138650
138700
138750
138800
138850
138900
138950
139000
139050
139100
139150
139200
139250
139300
139350
139400
139450
139500
139550
139600
139650
139700
139750
139800
139850
139900
139950
140000
140050
140100
140150
140200
140250
140300
140350
140400
140450
140500
140550
140600
140650
140700
140750
140800
140850
140900
140950
141000
141050
141100
141150
141200
141250
141300
141350
141400
141450
141500
141550
141600
141650
141700
141750
141800
141850
141900
141950
142000
142050
142100
142150
142200
142250
142300
142350
142400
142450
142500
142550
142600
142650
142700
142750
142800
142850
142900
142950
143000
143050
143100
143150
143200
143250
143300
143350
143400
143450
143500
143550
143600
143650
143700
143750
143800
143850
143900
143950
144000
144050
144100
144150
144200
144250
144300
144350
144400
144450
144500
144550
144600
144650
144700
144750
144800
144850
144900
144950
145000
145050
145100
145150
145200
145250
145300
145350
145400
145450
145500
145550
145600
145650
145700
145750
145800
145850
145900
145950
146000
146050
146100
146150
146200
146250
146300
146350
146400
146450
146500
146550
146600
146650
146700
146750
146800
146850
146900
146950
147000
147050
147100
147150
147200
147250
147300
147350
147400
147450
147500
147550
147600
147650
147700
147750
147800
147850
147900
147950
148000
148050
148100
148150
148200
148250
148300
148350
148400
148450
148500
148550
148600
148650
148700
148750
148800
148850
148900
148950
149000
149050
149100
149150
149200
149250
149300
149350
149400
149450
149500
149550
149600
149650
149700
149750
149800
149850
149900
149950
150000
150050
150100
150150
150200
150250
150300
150350
150400
150450
150500
150550
150600
150650
150700
150750
150800
150850
150900
150950
151000
151050
151100
151150
151200
151250
151300
151350
151400
151450
151500
151550
151600
151650
151700
151750
151800
151850
151900
151950
152000
152050
152100
152150
152200
152250
152300
152350
152400
152450
152500
152550
152600
152650
152700
152750
152800
152850
152900
152950
153000
153050
153100
153150
153200
153250
153300
153350
153400
153450
153500
153550
153600
153650
153700
153750
153800
153850
153900
153950
154000
154050
154100
154150
154200
154250
154300
154350
154400
154450
154500
154550
154600
154650
154700
154750
154800
154850
154900
154950
155000
155050
155100
155150
155200
155250
155300
155350
155400
155450
155500
155550
155600
155650
155700
155750
155800
155850
155900
155950
156000
156050
156100
156150
156200
156250
156300
156350
156400
156450
156500
156550
156600
156650
156700
156750
156800
156850
156900
156950
157000
157050
157100
157150
157200
157250
157300
157350
157400
157450
157500
157550
157600
157650
157700
157750
157800
157850
157900
157950
158000
158050
158100
158150
158200
158250
158300
158350
158400
158450
158500
158550
158600
158650
158700
158750
158800
158850
158900
158950
159000
159050
159100
159150
159200
159250
159300
159350
159400
159450
159500
159550
159600
159650
159700
159750
159800
159850
159900
159950
160000
160050
160100
160150
160200
160250
160300
160350
160400
160450
160500
160550
160600
160650
160700
160750
160800
160850
160900
160950
161000
161050
161100
161150
161200
161250
161300
161350
161400
161450
161500
161550
161600
161650
161700
161750
161800
161850
161900
161950
162000
162050
162100
162150
162200
162250
162300
162350
162400
162450
162500
162550
162600
162650
162700
162750
162800
162850
162900
162950
163000
163050
163100
163150
163200
163250
163300
163350
163400
163450
163500
163550
163600
163650
163700
163750
163800
163850
163900
163950
164000
164050
164100
164150
164200
164250
164300
164350
164400
164450
164500
164550
164600
164650
164700
164750
164800
164850
164900
164950
165000
165050
165100
165150
165200
165250
165300
165350
165400
165450
165500
165550
165600
165650
165700
165750
165800
165850
165900
165950
166000
166050
166100
166150
166200
166250
166300
166350
166400
166450
166500
166550
166600
166650
166700
166750
166800
166850
166900
166950
167000
167050
167100
167150
167200
167250
167300
167350
167400
167450
167500
167550
167600
167650
167700
167750
167800
167850
167900
167950
168000
168050
168100
168150
168200
168250
168300
168350
168400
168450
168500
168550
168600
168650
168700
168750
168800
168850
168900
168950
169000
169050
169100
169150
169200
169250
169300
169350
169400
169450
169500
169550
169600
169650
169700
169750
169800
169850
169900
169950
170000
170050
170100
170150
170200
170250
170300
170350
170400
170450
170500
170550
170600
170650
170700
170750
170800
170850
170900
170950
171000
171050
171100
171150
171200
171250
171300
171350
171400
171450
171500
171550
171600
171650
171700
171750
171800
171850
171900
171950
172000
172050
172100
172150
172200
172250
172300
172350
172400
172450
172500
172550
172600
172650
172700
172750
172800
172850
172900
172950
173000
173050
173100
173150
173200
173250
173300
173350
173400
173450
173500
173550
173600
173650
173700
173750
173800
173850
173900
173950
174000
174050
174100
174150
174200
174250
174300
174350
174400
174450
174500
174550
174600
174650
174700
174750
174800
174850
174900
174950
175000
175050
175100
175150
175200
175250
175300
175350
175400
175450
175500
175550
175600
175650
175700
175750
175800
175850
175900
175950
176000
176050
176100
176150
176200
176250
176300
176350
176400
176450
176500
176550
176600
176650
176700
176750
176800
176850
176900
176950
177000
177050
177100
177150
177200
177250
177300
177350
177400
177450
177500
177550
177600
177650
177700
177750
177800
177850
177900
177950
178000
178050
178100
178150
178200
178250
178300
178350
178400
178450
178500
178550
178600
178650
178700
178750
178800
178850
178900
178950
179000
179050
179100
179150
179200
179250
179300
179350
179400
179450
179500
179550
179600
179650
179700
179750
179800
179850
179900
179950
180000
180050
180100
180150
180200
180250
180300
180350
180400
180450
180500
180550
180600
180650
180700
180750
180800
180850
180900
180950
181000
181050
181100
181150
181200
181250
181300
181350
181400
181450
181500
181550
181600
181650
181700
181750
181800
181850
181900
181950
182000
182050
182100
182150
182200
182250
182300
182350
182400
182450
182500
182550
182600
182650
182700
182750
182800
182850
182900
182950
183000
183050
183100
183150
183200
183250
183300
183350
183400
183450
183500
183550
183600
183650
183700
183750
183800
183850
183900
183950
184000
184050
184100
184150
184200
184250
184300
184350
184400
184450
184500
184550
184600
184650
184700
184750
184800
184850
184900
184950
185000
185050
185100
185150
185200
185250
185300
185350
185400
185450
185500
185550
185600
185650
185700
185750
185800
185850
185900
185950
186000
186050
186100
186150
186200
186250
186300
186350
186400
186450
186500
186550
186600
186650
186700
186750
186800
186850
186900
186950
187000
187050
187100
187150
187200
187250
187300
187350
187400
187450
187500
187550
187600
187650
187700
187750
187800
187850
187900
187950
188000
188050
188100
188150
188200
188250
188300
188350
188400
188450
188500
188550
188600
188650
188700
188750
188800
188850
188900
188950
189000
189050
189100
189150
189200
189250
189300
189350
189400
189450
189500
189550
189600
189650
189700
189750
189800
189850
189900
189950
190000
190050
190100
190150
190200
190250
190300
190350
190400
190450
190500
190550
190600
190650
190700
190750
190800
190850
190900
190950
191000
191050
191100
191150
191200
191250
191300
191350
191400
191450
191500
191550
191600
191650
191700
191750
191800
191850
191900
191950
192000
192050
192100
192150
192200
192250
192300
192350
192400
192450
192500
192550
192600
192650
192700
192750
192800
192850
192900
192950
193000
193050
193100
193150
193200
193250
193300
193350
193400
193450
193500
193550
193600
193650
193700
193750
193800
193850
193900
193950
194000
194050
194100
194150
194200
194250
194300
194350
194400
194450
194500
194550
194600
194650
194700
194750
194800
194850
194900
194950
195000
195050
195100
195150
195200
195250
195300
195350
195400
195450
195500
195550
195600
195650
195700
195750
195800
195850
195900
195950
196000
196050
196100
196150
196200
196250
196300
196350
196400
196450
196500
196550
196600
196650
196700
196750
196800
196850
196900
196950
197000
197050
197100
197150
197200
197250
197300
197350
197400
197450
197500
197550
197600
197650
197700
197750
197800
197850
197900
197950
198000
198050
198100
198150
198200
198250
198300
198350
198400
198450
198500
198550
198600
198650
198700
198750
198800
198850
198900
198950
199000
199050
199100
199150
199200
199250
199300
199350
199400
199450
199500
199550
199600
199650
199700
199750
199800
199850
199900
199950
200000
200050
200100
200150
200200
200250
200300
200350
200400
200450
200500
200550
200600
200650
200700
200750
200800
200850
200900
200950
201000
201050
201100
201150
201200
201250
201300
201350
201400
201450
201500
201550
201600
201650
201700
201750
201800
201850
201900
201950
202000
202050
202100
202150
202200
202250
202300
202350
202400
202450
202500
202550
202600
202650
202700
202750
202800
202850
202900
202950
203000
203050
203100
203150
203200
203250
203300
203350
203400
203450
203500
203550
203600
203650
203700
203750
203800
203850
203900
203950
204000
204050
204100
204150
204200
204250
204300
204350
204400
204450
204500
204550
204600
204650
204700
204750
204800
204850
204900
204950
205000
205050
205100
205150
205200
205250
205300
205350
205400
205450
205500
205550
205600
205650
205700
205750
205800
205850
205900
205950
206000
206050
206100
206150
206200
206250
206300
206350
206400
206450
206500
206550
206600
206650
206700
206750
206800
206850
206900
206950
207000
207050
207100
207150
207200
207250
207300
207350
207400
207450
207500
207550
207600
207650
207700
207750
207800
207850
207900
207950
208000
208050
208100
208150
208200
208250
208300
208350
208400
208450
208500
208550
208600
208650
208700
208750
208800
208850
208900
208950
209000
209050
209100
209150
209200
209250
209300
209350
209400
209450
209500
209550
209600
209650
209700
209750
209800
209850
209900
209950
210000
210050
210100
210150
210200
210250
210300
210350
210400
210450
210500
210550
210600
210650
210700
210750
210800
210850
210900
210950
211000
211050
211100
211150
211200
211250
211300
211350
211400
211450
211500
211550
211600
211650
211700
211750
211800
211850
211900
211950
212000
212050
212100
212150
212200
212250
212300
212350
212400
212450
212500
212550
212600
212650
212700
212750
212800
212850
212900
212950
213000
213050
213100
213150
213200
213250
213300
213350
213400
213450
213500
213550
213600
213650
213700
213750
213800
213850
213900
213950
214000
214050
214100
214150
214200
214250
214300
214350
214400
214450
214500
214550
214600
214650
214700
214750
214800
214850
214900
214950
215000
215050
215100
215150
215200
215250
215300
215350
215400
215450
215500
215550
215600
215650
215700
215750
215800
215850
215900
215950
216000
216050
216100
216150
216200
216250
216300
216350
216400
216450
216500
216550
216600
216650
216700
216750
216800
216850
216900
216950
217000
217050
217100
217150
217200
217250
217300
217350
217400
217450
217500
217550
217600
217650
217700
217750
217800
217850
217900
217950
218000
218050
218100
218150
218200
218250
218300
218350
218400
218450
218500
218550
218600
218650
218700
218750
218800
218850
218900
218950
219000
219050
219100
219150
219200
219250
219300
219350
219400
219450
219500
219550
219600
219650
219700
219750
219800
219850
219900
219950
220000
220050
220100
220150
220200
220250
220300
220350
220400
220450
220500
220550
220600
220650
220700
220750
220800
220850
220900
220950
221000
221050
221100
221150
221200
221250
221300
221350
221400
221450
221500
221550
221600
221650
221700
221750
221800
221850
221900
221950
222000
222050
222100
222150
222200
222250
222300
222350
222400
222450
222500
222550
222600
222650
222700
222750
222800
222850
222900
222950
223000
223050
223100
223150
223200
223250
223300
223350
223400
223450
223500
223550
223600
223650
223700
223750
223800
223850
223900
223950
224000
224050
224100
224150
224200
224250
224300
224350
224400
224450
224500
224550
224600
224650
224700
224750
224800
224850
224900
224950
225000
225050
225100
225150
225200
225250
225300
225350
225400
225450
225500
225550
225600
225650
225700
225750
225800
225850
225900
225950
226000
226050
226100
226150
226200
226250
226300
226350
226400
226450
226500
226550
226600
226650
226700
226750
226800
226850
226900
226950
227000
227050
227100
227150
227200
227250
227300
227350
227400
227450
227500
227550
227600
227650
227700
227750
227800
227850
227900
227950
228000
228050
228100
228150
228200
228250
228300
228350
228400
228450
228500
228550
228600
228650
228700
228750
228800
228850
228900
228950
229000
229050
229100
229150
229200
229250
229300
229350
229400
229450
229500
229550
229600
229650
229700
229750
229800
229850
229900
229950
230000
230050
230100
230150
230200
230250
230300
230350
230400
230450
230500
230550
230600
230650
230700
230750
230800
230850
230900
230950
231000
231050
231100
231150
231200
231250
231300
231350
231400
231450
231500
231550
231600
231650
231700
231750
231800
231850
231900
231950
232000
232050
232100
232150
232200
232250
232300
232350
232400
232450
232500
232550
232600
232650
232700
232750
232800
232850
232900
232950
233000
233050
233100
233150
233200
233250
233300
233350
233400
233450
233500
233550
233600
233650
233700
233750
233800
233850
233900
233950
234000
234050
234100
234150
234200
234250
234300
234350
234400
234450
234500
234550
234600
234650
234700
234750
234800
234850
234900
234950
235000
235050
235100
235150
235200
235250
235300
235350
235400
235450
235500
235550
235600
235650
235700
235750
235800
235850
235900
235950
236000
236050
236100
236150
236200
236250
236300
236350
236400
236450
236500
236550
236600
236650
236700
236750
236800
236850
236900
236950
237000
237050
237100
237150
237200
237250
237300
237350
237400
237450
237500
237550
237600
237650
237700
237750
237800
237850
237900
237950
238000
238050
238100
238150
238200
238250
238300
238350
238400
238450
238500
238550
238600
238650
238700
238750
238800
238850
238900
238950
239000
239050
239100
239150
239200
239250
239300
239350
239400
239450
239500
239550
239600
239650
239700
239750
239800
239850
239900
239950
240000
240050
240100
240150
240200
240250
240300
240350
240400
240450
240500
240550
240600
240650
240700
240750
240800
240850
240900
240950
241000
241050
241100
241150
241200
241250
241300
241350
241400
241450
241500
241550
241600
241650
241700
241750
241800
241850
241900
241950
242000
242050
242100
242150
242200
242250
242300
242350
242400
242450
242500
242550
242600
242650
242700
242750
242800
242850
242900
242950
243000
243050
243100
243150
243200
243250
243300
243350
243400
243450
243500
243550
243600
243650
243700
243750
243800
243850
243900
243950
244000
244050
244100
244150
244200
244250
244300
244350
244400
244450
244500
244550
244600
244650
244700
244750
244800
244850
244900
244950
245000
245050
245100
245150
245200
245250
245300
245350
245400
245450
245500
245550
245600
245650
245700
245750
245800
245850
245900
245950
246000
246050
246100
246150
246200
246250
246300
246350
246400
246450
246500
246550
246600
246650
246700
246750
246800
246850
246900
246950
247000
247050
247100
247150
247200
247250
247300
247350
247400
247450
247500
247550
247600
247650
247700
247750
247800
247850
247900
247950
248000
248050
248100
248150
248200
248250
248300
248350
248400
248450
248500
248550
248600
248650
248700
248750
248800
248850
248900
248950
249000
249050
249100
249150
249200
249250
249300
249350
249400
249450
249500
249550
249600
249650
249700
249750
249800
249850
249900
249950
250000
250050
250100
250150
250200
250250
250300
250350
250400
250450
250500
250550
250600
250650
250700
250750
250800
250850
250900
250950
251000
251050
251100
251150
251200
251250
251300
251350
251400
251450
251500
251550
251600
251650
251700
251750
251800
251850
251900
251950
252000
252050
252100
252150
252200
252250
252300
252350
252400
252450
252500
252550
252600
252650
252700
252750
252800
252850
252900
252950
253000
253050
253100
253150
253200
253250
253300
253350
253400
253450
253500
253550
253600
253650
253700
253750
253800
253850
253900
253950
254000
254050
254100
254150
254200
254250
254300
254350
254400
254450
254500
254550
254600
254650
254700
254750
254800
254850
254900
254950
255000
255050
255100
255150
255200
255250
255300
255350
255400
255450
255500
255550
255600
255650
255700
255750
255800
255850
255900
255950
256000
256050
256100
256150
256200
256250
256300
256350
256400
256450
256500
256550
256600
256650
256700
256750
256800
256850
256900
256950
257000
257050
257100
257150
257200
257250
257300
257350
257400
257450
257500
257550
257600
257650
257700
257750
257800
257850
257900
257950
258000
258050
258100
258150
258200
258250
258300
258350
258400
258450
258500
258550
258600
258650
258700
258750
258800
258850
258900
258950
259000
259050
259100
259150
259200
259250
259300
259350
259400
259450
259500
259550
259600
259650
259700
259750
259800
259850
259900
259950
260000
260050
260100
260150
260200
260250
260300
260350
260400
260450
260500
260550
260600
260650
260700
260750
260800
260850
260900
260950
261000
261050
261100
261150
261200
261250
261300
261350
261400
261450
261500
261550
261600
261650
261700
261750
261800
261850
261900
261950
262000
262050
262100
262150
262200
262250
262300
262350
262400
262450
262500
262550
262600
262650
262700
262750
262800
262850
262900
262950
263000
263050
263100
263150
263200
263250
263300
263350
263400
263450
263500
263550
263600
263650
263700
263750
263800
263850
263900
263950
264000
264050
264100
264150
264200
264250
264300
264350
264400
264450
264500
264550
264600
264650
264700
264750
264800
264850
264900
264950
265000
265050
265100
265150
265200
265250
265300
265350
265400
265450
265500
265550
265600
265650
265700
265750
265800
265850
265900
265950
266000
266050
266100
266150
266200
266250
266300
266350
266400
266450
266500
266550
266600
266650
266700
266750
266800
266850
266900
266950
267000

RUN NUMBER	ONE	TWO	THREE
DATE	03-DEC-08		
TIME LOGGER ON BOTTOM	09:37:00		
TD DRILLER	10,000		
TD LOGGER	10,000		
BOTTOM LOGGED INTERVAL	9,999		
TOP LOGGED INTERVAL	9,000		
CASING SIZE	9 5/8		
CASING WEIGHT	40		
CASING DEPTH	9,000		
TYPE FLUID IN HOLE	FRESH WATER GEL		
DENSITY	10.0		
VISCOSITY	42.0		
PH	10.0		
FLUID LOSS	7.6 CC		
SOURCE OF SAMPLE	FLOWLINE		
RM @ MEAS TEMP	.160 @ 68F		
RMF @ MEAS TEMP	.140 @ 68F		
RMC @ MEAS TEMP	.200 @ 68F		
SOURCE RMF/RMC	PRESS/CALC		
RM @ BHT	.080 @ 178F		
RMF @ BHT	.070 @ 178F		
RMC @ BHT	.100 @ 178F		
TIME CIRC. STOPPED	19:00		
TIME LOGGER ON BTM.	09:37		
MAX. REC. TEMP.	178 @ 9830F		
LOGGING DIST (M)	BHC		
LOGGING DIST (D)	BHC		
WITNESSED BY	MICHAEL		
WITNESSED BY	K.MORRISON/K.CRIPPEN/K.MORRISON		

REMARKS:

DIRECTION LOGGED WITH A 2-1/2" 17ARD-OFF
TOOL STANDOFF USED AT BOTTOM
BOTTOM HOLE TEMPERATURE RECORDED @ 178 DEGF

EQUIPMENT NUMBERS:

CNC-GA 1778	3811HB-1705	TLC-HB 8186	TLC-HB 741
CNC-GA 1780	8031-H 4984	3811-H 4984	3501-HC 2884
3501-HC 2884	3501-HC 2884	3501-HC 2884	3501-HC 2884

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

EVENT MARK SUMMARY:

BOTTOM	DEPTH	TRACK
	BETWEEN PIPS	CBL
2ND	9,852.67 FT	LEFT EDGE
1ST	.HEADINGS 0	RIGHT EDGE

90.-120	DEGREES	
10,010	DELETED	10,010
9,990		9,990
0.0	GR (GAPI)	150.00
90 .FF		90 .FF

CS.F (DOWN)
.00333 FT/0.05MIN .00167

90 .FF		90 .FF
200.00	GR (GAPI)	0.0
90.-120	DEGREES	90.-120

CP 39.0

FILE 1001
DATE ACQUIRED

03-DEC-08 09:09
03-DEC-08 21:07

90.-120	DEGREES	
10,010	DELETED	10,010
9,990		9,990
0.0	GR (GAPI)	150.00
90 .FF		90 .FF

CS.F (DOWN)
.00333 FT/0.05MIN .00167

90.-120	DEGREES	
10,010	DELETED	10,010
9,990		9,990
200.00	GR (GAPI)	0.0
90 .FF		90 .FF

CP 39.0

FILE 1001
DATE ACQUIRED

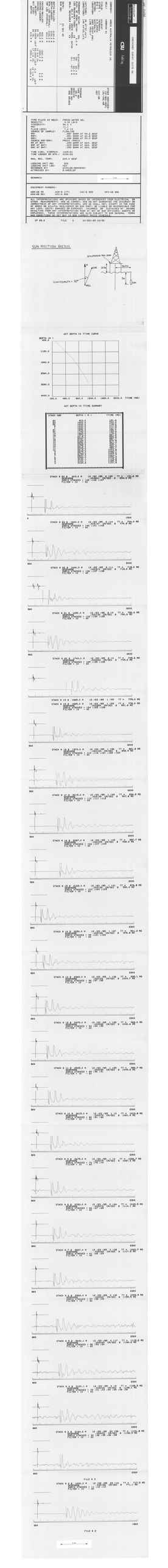
03-DEC-08 09:09
03-DEC-08 21:07

SENSOR MEASURE POINT TO TOOL ZERO

SPD	4.00 METER	CTEM	1.65 METER
TEN	4.00 METER	HTEN	1.65 METER
MTEM	4.00 METER	GR	1.65 METER
TTEN	4.00 METER	CCL	1.65 METER
HV+	27.00 METER	SPD	1.65 METER
HV-	27.00 METER	TEN	1.65 METER
SPD	1.65 METER	MTEM	1.65 METER
TEN	1.65 METER	TTEN	1.65 METER
GR	1.65 METER	HV+	1.65 METER
CCL	1.65 METER	HV-	1.65 METER
CTEM	1.65 METER		
HTEN	1.65 METER		

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DEPTH INCR	0.5		DEPTH M		
DEPTH STATION	10,000		DEPTH STATION	10,000	
DEPTH M			DEPTH FT		
CASE 1 DENSITY	1.0	G/C3	CASE 1 MATRIX	2.65	G/C3
CASE 1 POROSITY	1.0		CASE 1 DT	189.0	US/F
CASE 2 DENSITY	2.65	G/C3	CASE 2 POROSITY	0.0	
CASE 2 MATRIX	2.65	G/C3	CASE 2 DT	55.5555	US/F
DT		US/F	DT	55.5555	US/F
DT		US/M	DT	55.5555	US/M


SURVEY DATA PLOT
SURVEY DATA PLOT
SURVEY DATA PLOT

02-0386

Exploration 62

Schlumberger

CSU Field Log

SIDEWALL CORES SUITE #2 1/200

COMPANY: AMOCO AUSTRALIA PETROLEUM CO.
WELL: KOORKAH #1
FIELD: WILDCAT
STATE: TASMANIA
RIG: D.M.EPOCH
NATION: AUSTRALIA
LOCATION: SHOT POINT 290, LINE TP03-7
LATITUDE: 39°37'57.24"S
LONGITUDE: 145°09'05.13"E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM: 0.0 M
LOG MEASURED FROM: KB 22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

-ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -62.6 M

DATE: 22 DEC 85
RUN NO: 1

DEPTH-DRILLER: 3149.0 M
DEPTH-LOGGER: 3154.0 M
BTM. LOG INTERVAL: 3140.0 M
TOP LOG INTERVAL: 1605.0 M

CASING-DRILLER: 20 IN. @ 402.0 M
CASING-LOGGER: 403.0 M
BIT SIZE: 17 1/2 IN.
DEPTH: 415.5 M

1587.5 M @ 0.0 M
1589.0 M @ 0.0 M
13 3/8 IN. @ 0.0 M
68.00 LB/F 17 1/2 IN. 0.0 LB/F
12 1/4 IN.
1599.0 M 3149.0 M

PROGRAM
TAPE NO: 27.61F
SERVICE
ORDER NO: DME 851202

OTHER SERVICES-
ISF-BHC-MSFL
LDT-CNL-GR
HDT

TYPE FLUID IN HOLE: FRESH WATER GEL
DENSITY: 9.30 LB/G
VISCOSITY: 56.0 S
PH: 11.1
FLUID LOSS: 7.0 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .887 OHMM AT 84.2 DEGF
RMF: .851 OHMM AT 60.8 DEGF
RMC: 1.480 OHMM AT 59.9 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .297 OHMM AT 265. DEGF
RMF AT BHT: .212 OHMM AT 265. DEGF
RMC AT BHT: .364 OHMM AT 265. DEGF

TIME CIRC. STOPPED: 1425/21
TIME LOGGER ON BTM.: 1900/22

MAX. REC. TEMP: 265.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: WINSLOE/BONNEMOY
WITNESSED BY: B.WHEELER

REMARKS:

4 LB/B GILSONITE ADDED TO MUD WHILE DRILLING.

5 cm

EQUIPMENT NUMBERS-

GPC-A 619 SHM-AA 1778 STC-B CST-Z 799
CST-C 3742

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CP 27.61F FILE 5 22-DEC-85 21:05

CP 27.61F FILE 5 22-DEC-85 20:57

SHOT SUMMARY LISTING PERFORMED 22-DEC-85 20:57

SHOT	STATUS	DEPTH	TENSION
1	FIRED	3140.07	576.0
2	FIRED	3125.88	395.5
3	FIRED	3109.44	337.0
4	FIRED	3094.97	309.2
5	FIRED	3081.51	409.2
6	FIRED	3061.93	1641.
7	FIRED	3029.99	467.7
8	FIRED	3018.82	810.5
9	FIRED	3000.76	423.7
10	FIRED	2959.38	581.5
11	FIRED	2955.03	197.8
12	FIRED	2928.87	302.0
13	FIRED	2884.01	204.1
14	FIRED	2858.03	1804.
15	FIRED	2817.99	741.0
16	FIRED	2794.41	562.5
17	FIRED	2763.54	192.3
18	FIRED	2756.97	120.6
19	FIRED	2727.94	94.75
20	FIRED	2676.35	44.56
21	FIRED	2621.01	268.7
22	FIRED	2610.41	566.5
23	FIRED	2603.47	158.5
24	FIRED	2555.00	110.7
25	FIRED	2467.84	491.5
26	FIRED	2439.96	584.5
27	FIRED	2348.93	424.5
28	FIRED	2305.54	1617.
29	FIRED	2297.50	669.0
30	FIRED	2266.40	210.5
31	FIRED	2241.03	155.3
32	FIRED	2213.04	1488.
33	FIRED	2200.00	218.6
34	FIRED	2196.51	202.8
35	FIRED	2181.07	668.0
36	FIRED	2160.08	1449.
37	FIRED	2146.04	619.5
38	FIRED	2135.06	689.0
39	FIRED	2127.60	315.0
40	FIRED	2083.02	1823.
41	FIRED	2069.99	2198.
42	FIRED	2037.02	1796.
43	FIRED	2031.06	1031.
44	FIRED	1972.37	1982.
45	FIRED	1909.93	272.2
46	FIRED	1904.85	1249.
47	FIRED	1850.39	190.6
48	FIRED	1801.03	177.0
49	FIRED	1779.06	242.6
50	FIRED	1748.39	554.0
51	FIRED	1702.04	759.0
52	FIRED	1655.08	890.0
53	FIRED	1636.13	1453.
54	FIRED	1615.45	1839.
55	FIRED	1605.01	1482.

DEPTH UNITS : METE BIT SIZE : 12.250 IN

RING TYPE : NONE BULLET TYPE : COMB

POWDER LOAD : 12.00 G POWDER TYPE : AHT

GR (GAPI)
0.0 150.00

CP 27.61F FILE 3 22-DEC-85 19:09

2900

CP 27.61F FILE 3 22-DEC-85 19:03

GR (GAPI)
0.0 150.00

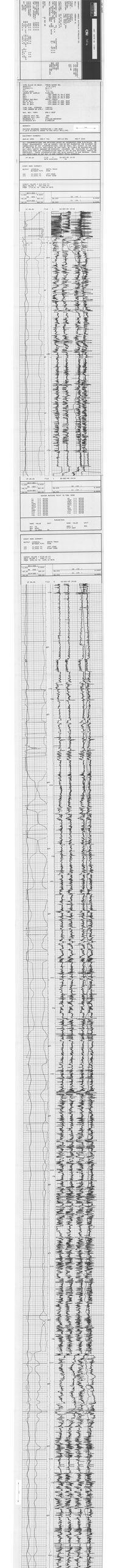
5 cm

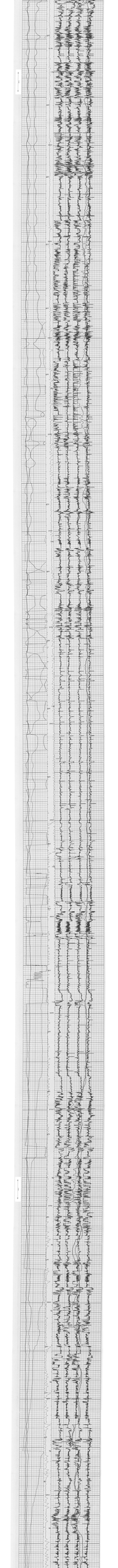
SENSOR MEASURE POINT TO TOOL ZERO

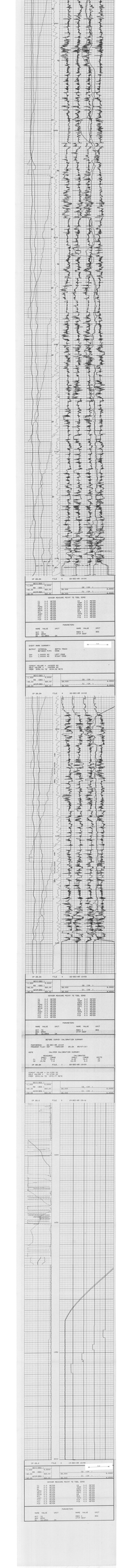
TENS 6.30 METER GR 7.82 METER

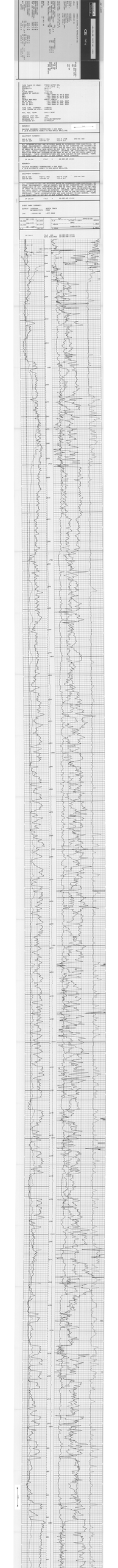
PARAMETERS

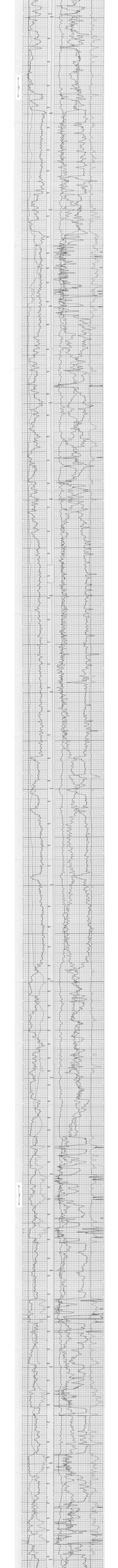
NAME	VALUE	UNIT	NAME	VALUE	UNIT
BS	12.2500	IN	BHS	OPEN	

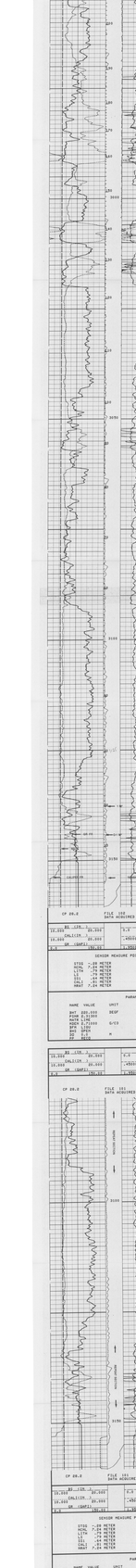












CP 89.0

FILE 100 22-DEC-95 11:41
DATA ACQUIRED 22-DEC-95 14:39

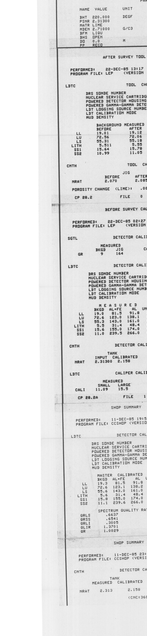
BS 12in 8.500 PVZ 3MHO/S/CS1
CALI1IN 12.000 4.0000 MPHI 0.1500
10.000 CALI2IN 10.000 4.0000 RHOZ 2.0000 CNTC
GR (GAPI) 150.00 RHOB(G/C3) 4.5000
4.0 1.9000 4.5000

DENSITY MEASURE POINT TO TOOL ZERO

ST02	-.28 METER	DR	9.93 METER
ST04	-.28 METER	FIN	-.28 METER
ST06	-.28 METER	VIN	-.28 METER
LI	.79 METER	LI	.79 METER
SS1	.79 METER	SS1	.79 METER
SS2	.79 METER	SS2	.79 METER
HNRT	7.54 METER	TDTH	-.28 METER

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
RHOF	2710.000	DEGF	TS	3150.00	F
RHOM	2710.000		DT	60.0000	DEGF
DTMA	57.0000	G/C3	F2	1.00000	G/C3
BFA	1.000		DPHZ	0.00000	CNTC
BSAL	0.000		DPHI	0.00000	PU
ZO	0	M	ET	10.0000	IN
FF	FFC2				



CP 89.0

FILE 101 22-DEC-95 13:08
DATA ACQUIRED 22-DEC-95 16:30

BS 12in 8.500 PVZ 3MHO/S/CS1
CALI1IN 12.000 4.0000 MPHI 0.1500
10.000 CALI2IN 10.000 4.0000 RHOZ 2.0000 CNTC
GR (GAPI) 150.00 RHOB(G/C3) 4.5000
4.0 1.9000 4.5000

DENSITY MEASURE POINT TO TOOL ZERO

ST02	-.28 METER	DR	9.93 METER
ST04	-.28 METER	FIN	-.28 METER
ST06	-.28 METER	VIN	-.28 METER
LI	.79 METER	LI	.79 METER
SS1	.79 METER	SS1	.79 METER
SS2	.79 METER	SS2	.79 METER
HNRT	7.54 METER	TDTH	-.28 METER

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
RHOF	2710.000	DEGF	TS	3150.00	F
RHOM	2710.000		DT	60.0000	DEGF
DTMA	57.0000	G/C3	F2	1.00000	G/C3
BFA	1.000		DPHZ	0.00000	CNTC
BSAL	0.000		DPHI	0.00000	PU
ZO	0	M	ET	10.0000	IN
FF	FFC2				

AFTER SURVEY TOOL CHECK SUMMARY

PERFORMED: 22-DEC-95 13:27
PROGRAM FILE: LDP VERSION 28.0 85/07/181

LSTC TOOL CHECK

SNS SONDE NUMBER	6958
PDCR PDC SERVICE CARTRIDGE NUMBER	1922
PDCR PDC SERVICE CARTRIDGE NUMBER	1922
PDHCRS PDC HOUSING SERIAL NUMBER	1922
LST CALIBRATION MODE	WATE
MUD DENSITY	9.00000 LB/G

BACKGROUND MEASURED

	COUNTS	UNITS
LL	16.61	CPS
SS1	95.31	CPS
SS2	78.91	CPS
LL	16.61	CPS
SS1	15.79	CPS
SS2	11.69	CPS

TOOL CHECK

DATA	BEFORE	AFTER
HNRT	8.679	8.685
POROSITY CHANGE -1.1MU=	.003	

CP 89.0 FILE 9 22-DEC-95 13:27

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 22-DEC-95 09:57
PROGRAM FILE: LDP VERSION 28.0A 85/07/181

DSTL DETECTOR CALIBRATION SUMMARY

	MEASURED	CALIBRATED	UNITS
GR	0 164	LS5	GAPI

LSTC DETECTOR CALIBRATION SUMMARY

SNS SONDE NUMBER	6958
PDCR PDC SERVICE CARTRIDGE NUMBER	1922
PDCRS PDC SERVICE CARTRIDGE NUMBER	1922
PDHCRS DETECTOR HOUSING NUMBER	1922
PDHCRS DETECTOR HOUSING NUMBER	1922
LST SONDE SERIAL NUMBER	1922
LST CALIBRATION MODE	WATE
MUD DENSITY	9.00000 LB/G

W E I G H E D

	BASE HIGH	WL UNITS
LL	16.61	16.61 CPS
LS	95.31	108.1 CPS
SS	78.91	78.91 CPS
LLHR	16.61	16.61 CPS
LSHR	15.79	15.79 CPS
SSHR	11.69	11.69 CPS

DATA DETECTOR CALIBRATION SUMMARY

	TDTH	TDTH	
	MEASURED	CALIBRATED	MEASURED CALIBRATED
HNRT	8.31909	8.194	8.679 8.679

LSTC CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
CALI	10.09	14.5	10.09	14.5	IN

CP 89.0H FILE 1 22-DEC-95 03:56

SHOP SUMMARY

PERFORMED: 11-DEC-95 19:52
PROGRAM FILE: LCCHEP VERSION 28.0 85/07/181

LSTC. DETECTOR CALIBRATION SUMMARY

SNS SONDE NUMBER	6958
PDCRSM SERVICE CARTRIDGE NUMBER	1922
PDCRSM SERVICE CARTRIDGE NUMBER	1922
PDHCRS SURFACE HOUSING NUMBER	1922
LST SONDE SERIAL NUMBER	1922
LST CALIBRATION MODE	WATE
MUD DENSITY	9.00000 LB/G

W E I G H E D

	BASE HIGH	WL UNITS
LL	16.61	16.61 CPS
LS	95.31	108.1 CPS
SS	78.91	78.91 CPS
LLHR	16.6	16.6 CPS
LSHR	15.8	15.8 CPS
SSHR	11.7	11.7 CPS

SPECTRUM QUALITY RATIOS

SR10	.4541
SR20	.3331
SR30	.1129
SR	1.0429

SHOP SUMMARY

PERFORMED: 11-DEC-95 20:57
PROGRAM FILE: LCCHEP VERSION 28.0 85/07/181

DSTH DETECTOR CALIBRATION SUMMARY

	TDTH	TDTH	
	MEASURED	CALIBRATED	MEASURED CALIBRATED
HNRT	8.310	8.194	8.679 8.679

CNC=(360 + CNB)/(HDI)

