

TEMPERATURE
DELTA TEMPERATURE
FLUID RESISTIVITY
DELTA FLUID RESISTIVITY

Job No.
19537

Company
CASCADE DRILLING

Well
MW-8D

Field
SALINAS

File No.
MONTEREY

County
MONTEREY

State
CA

Location
3251 MONTE RD
GPS: N 360 43.36° W 121° 0 47' 15"

Other Services:
DUAL INDUCTION
GAMMA-RAY

Permanent Datum
Log Measured From
Drilling Measured From
Date
Run Number
Depth Driller
Depth Logger
Bottom Logged Interval
Top Log Interval
Open Hole Size
Type Fluid
Density / Viscosity
Fluid Level
Bentonite Seal
Time Well Ready
Time Logger on Bottom
Equipment Number
Location
Witnessed By

G.L.
G.L.
G.L.
04-20-2015
ONE
360'
360'
355'
0'
10.75" (0'-150')
9.875" (150'-276')
8" (250'-340')
WATER
N/A
N/A
14"
1200
1230
PS-8
LA
SCHIMACHER

Elevation
above perm. datum
G.L.
G.L.

Borehole Record
Run Number
ONE
TWO
THREE
Size
10.75"
150'
276'
267'
8"
360'

From
To
From
To
From
To
From
To
From
To

Taping Record
Weight
From
To

Casing Record
Surface String
Production String
Liner
Size
4" PVC
SGH 80
0'
360'

Wg/Ht
Top
Bottom

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Pacific Surveys 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 Pacific Surveys' general terms and conditions set out in our current Price Schedule.

Comments

Calibration Report

Database File
Dataset Pathname
Dataset Creation

19537.db
tmp
Mon Apr 20 12:35:45 2015

Temperature Calibration Report

Serial Number:
Tool Model:
Performed:

3553
MLS
Mon Feb 23 16:47:18 2015

Reference
Reading

Low Reference:
High Reference:

43.34 degF
149.00 degF

1441.00cps
4545.00cps

Gain:
Offset:
Delta Spacing

0.03
-9.71
2

FRT Calibration Report

Serial Number:
Tool Model:
Performed:

3553
MLS
Mon Feb 23 16:47:15 2015

Resistivity Calibration:

System Reading
32145.000 cps
11466.000 cps

Calibration Reference
1.800 Ohm-m
86.960 Ohm-m

Gain:
Offset:

-0.004
135.338

Conductivity Calibration:

System Reading
0.000 cps
1.000 cps

Calibration Reference
0.000
1.000

Gain:
Offset:

1.000
0.000

Database File
Dataset Pathname
Presentation Format
Dataset Creation
Charted by

19537.db
tmp
frrtemp2
Mon Apr 20 12:35:45 2015
Depth in Feet scaled 1:120

-5
-1.5

Fluid Resistivity (Ohm-m)
Differential Fluid Resistivity (Ohm-m)

25
1.5

54
-0.5

Temperature (degF)
Differential Temperature (degF)

74
0.5

FRES
(Ohm-m)

TEMP
(degF)

0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
360

Fluid Level

Delta Temperature

FRES (Ohm-m)

Fluid Resistivity

Temperature

Differential Fluid Resistivity

TEMP (degF)

4" PVC

2.10
2.63
24.64
23.94
23.63
23.60
22.84
20.08
19.74
18.40
18.38
18.07
17.54
16.93
15.29
15.80
14.74
13.33
12.15
6.98
4.18
3.90
3.69
3.69
3.99
4.64
6.53
8.90
10.29
10.12
9.57
9.01
8.35
7.22
4.55
2.75
2.17
1.72
1.39
1.16
1.00
0.88
0.59
0.23
-0.22
-0.37
-0.42
-0.45
-0.47
-0.48
-0.49
-0.48
-0.46
-0.44
-0.42
-0.40
-0.38
-0.37
-0.35
-0.34
-0.34
-0.32
-0.31
-0.27
-0.25
-0.24
-0.23
-0.22
-0.20
-0.17
0.95
0.89

61.1
61.1
59.2
58.5
58.5
58.5
58.5
58.6
58.6
58.7
58.7
58.7
58.7
58.8
58.9
58.9
59.0
59.0
59.1
59.2
59.4
59.4
59.4
59.5
59.5
59.5
59.5
59.6
59.7
59.7
59.8
59.9
60.1
60.3
60.4
60.5
60.7
60.8
61.0
61.1
61.4
61.6
62.0
62.2
62.5
62.8
63.0
63.3
63.8
64.2
64.9
65.3
65.7
66.0
66.3
66.6
66.9
67.3
67.6
67.9
68.1
68.3
68.5
68.7
69.1
69.2
69.4
69.5
69.7
69.6