# PRESSURE TEMPERATURE SURVEY

COGCO Wireline Services

| | |
|---|---|
| Company | PG&E |
| Well | PG&E TEST INJECTION/WITHDRAWAL |
| Field | KING ISLAND GAS |
| County | SAN JOAQUIN |
| State | CALIFORNIA |

Company PG&E

Well PG&E TEST INJECTION/WITHDRAWAL WELL 1

Field KING ISLAND GAS

County SAN JOAQUIN State CALIFORNIA

Location: API #: 04-077-20739

NAD27: X:1734880.641 Y:577346.753

NAD83: LAT:38.081988814 LONG:-121.422161054

SEC 27 TWP 3N RGE 5E

Other Services

Permanent Datum G.L. Elevation -3.8'

Log Measured From K.B. 12'

Drilling Measured From K.B.

Elevation: K.B. 8.3', D.F. ----, G.L. -3.8'

| | |
|---|---|
| Date | 7-10-2015 |
| Run Number | ONE PRESS/TEMP |
| Depth Driller | 4813' |
| Depth Logger | 4813' |
| Bottom Logged Interval | 4813' |
| Top Log Interval | 630' |
| Open Hole Size | N/A |
| Type Fluid | N/A |
| Density / Viscosity | N/A |
| Max. Recorded Temp. | 141.7 DEG. F. |
| Estimated Cement Top | N/A |
| Time Well Ready | N/A |
| Time Logger on Bottom | N/A |
| Equipment Number | 740/MAST |
| Location | WOODLAND |
| Recorded By | JAMES LEWIS |
| Witnessed By | MR. HAMID IRAN |

| Borehole Record | | | | Tubing Record | | | |
|---|---|---|---|---|---|---|---|
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | 5 1/2" | 17# J-55 | SURFACE | 4614' |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | 13 5/8" | 54.5# J-55 | SURFACE | 630' |
| Prot. String | | | | |
| Production String | 9 5/8" | 40# J-55/N-80 | SURFACE | 4716' |
| Liner | 5 1/2" | WIRE WRAP | 4687' | 4814' |

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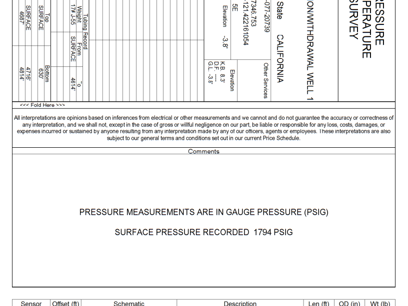
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 set out in our current Price Schedule.

## Comments

PRESSURE MEASUREMENTS ARE IN GAUGE PRESSURE (PSIG)

SURFACE PRESSURE RECORDED 1794 PSIG

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|---|
| | | | STNDRD Standard Cable Head | 1.00 | 1.44 | 10.00 |
| | | | KUSTER_PL-PTSC (GS5226) Kuster PTSC | 6.71 | 1.75 | |
| ITEMP | 2.63 | | | | | |
| ITEMP | 2.63 | | | | | |
| PRES | 2.58 | | | | | |
| TEMP | 1.33 | | | | | |
| FLOW | 0.38 | | | | | |



Dataset: (7-10-2015) test iw well 1 pg&e pt log db: field/well/run1/pass13

Total Length: 7.71 ft

Total Weight: 10.00 lb

O.D.: 1.75 in

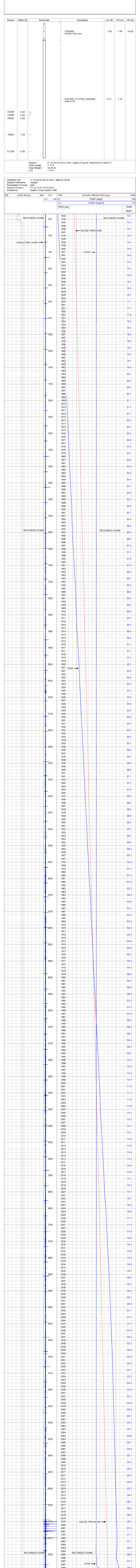
Database File: (7-10-2015) test iw well 1 pg&e pt log db

Dataset Pathname: merge2

Presentation Format: kpts

Dataset Creation: Fri Jul 10 21:33:33 2015

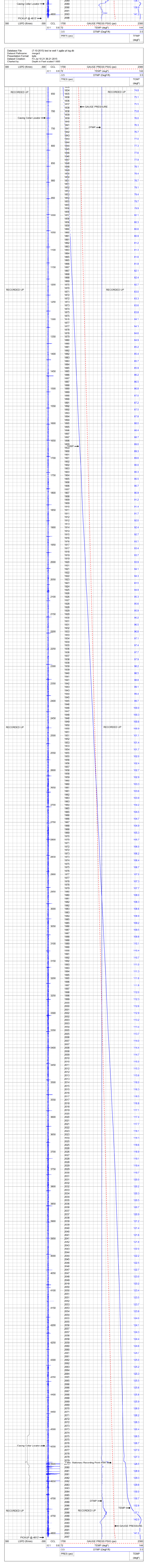
Charted by: Depth in Feet scaled 1:600



Database File: (7-10-2015) test iw well 1 pg&e pt log db

Dataset Pathname: merge3

Presentation Format: kpts

Dataset Creation: Fri Jul 10 21:38:21 2015

Charted by: Depth in Feet scaled 1:600