# XY CALIPER
# GAMMA RAY LOG

| | |
|---|---|
| Company | SEMINOLE TRIBE OF FLORIDA - HWD |
| Well | MW-1 |
| Field | HOLLYWOOD SEMINOLE |
| County | BROWARD |
| State | FLORIDA |

**Company** SEMINOLE TRIBE OF FLORIDA - HWD

**Well** MW-1

**Field** HOLLYWOOD SEMINOLE

**County** BROWARD **State** FLORIDA

**Location:** API # :

6400N 64TH AVE, HOLLYWOOD

SEC 2 TWP 51S RGE 41E

Other Services
SEE
COMMENTS

| | | |
|---|---|---|
| Permanent Datum | PAD | Elevation |
| Log Measured From | PAD | |
| Drilling Measured From | PAD | |

Elevation
K.B.
D.F.
G.L.

| | | | |
|---|---|---|---|
| Date | 01-24-2018 | | |
| Run Number | FIVE | | |
| Depth Driller | 1812' | | |
| Depth Logger | 1812' | | |
| Bottom Logged Interval | 1812' | | |
| Top Log Interval | 950' | | |
| Open Hole Size | 12.25" | | |
| Type Fluid | WATER | | |
| Density / Viscosity | N/A | | |
| Max. Recorded Temp. | N/A | | |
| Estimated Cement Top | N/A | | |
| Time Well Ready | ON ARRIVAL | | |
| Time Logger on Bottom | 22:30 | | |
| Equipment Number | 106 | | |
| Location | FORT MYERS | | |
| Recorded By | G. BANDRES | R. CAUDILL | R. PIERSON |
| Witnessed By | J. LARGEY | J. VALDES | |

| Borehole Record | | | | Borehole Record | | | |
|---|---|---|---|---|---|---|---|
| Run Number | Bit | From | To | Run No | Bit | From | To |
| ONE | 46.5" | 8' | 250' | | | | |
| TWO | 34.5" | 250' | 1004' | | | | |
| THREE | 12.25" | 1000' | 1812' | | | | |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | 48" | 0.375" W.T. | 0' | 8' |
| Prot. String | 36" | 0.375" W.T. | 0' | 250' |
| Production String | 24" | 0.375" W.T. | 0' | 1000' |
| Liner | | | | |

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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

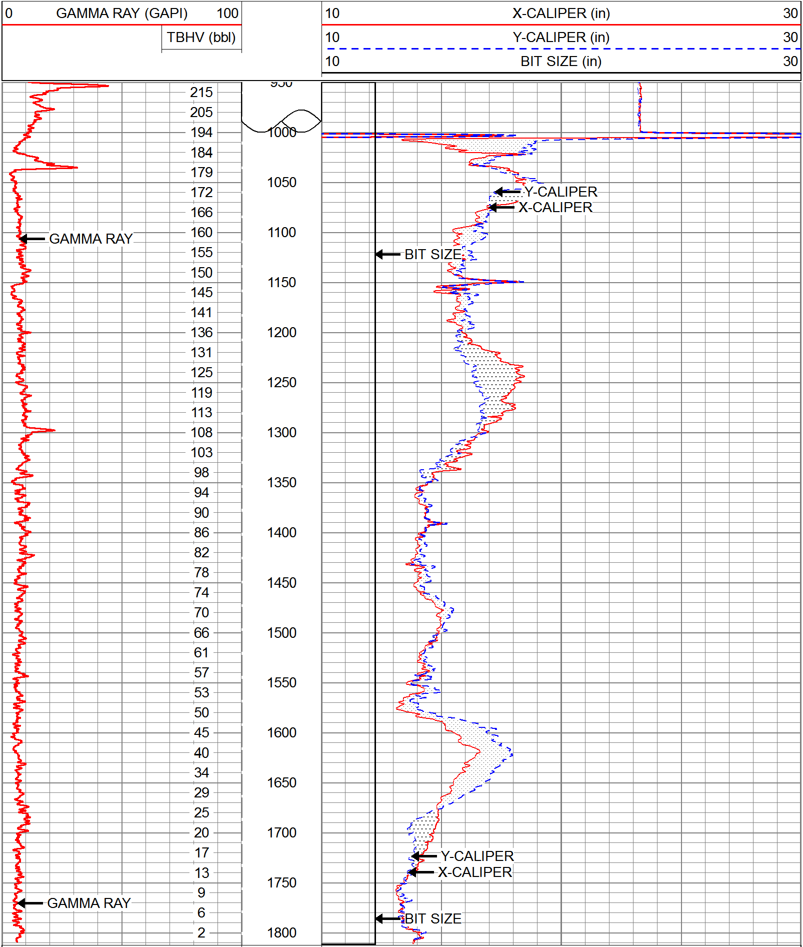
MAX ARM SPAN 37.5"

OTHER SERVICES:
DUAL INDUCTION W/LL3 & SP
BOREHOLE COMPENSATED SONIC W/VDL
FLUID CONDUCTIVITY TEMPERATURE (STATIC & DYNAMIC)
FLOWMETER (STATIC & DYNAMIC)
VIDEO SURVEY

YOUNGQUIST
BROTHERS

# MAIN PASS

| | |
|---|---|
| Database File | hw-diw-stof-mw1-r5.db |
| Dataset Pathname | hw-diw-stof/mw-1/run5/XYCGR3.3 |
| Presentation Format | grxyc |
| Dataset Creation | Thu Jan 25 00:34:30 2018 |
| Charted by | Depth in Feet scaled 1:1200 |



| 0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 |
|---|---|
| TBHV (bbl) | 10 Y-CALIPER (in) 30 |
| | 10 BIT SIZE (in) 30 |

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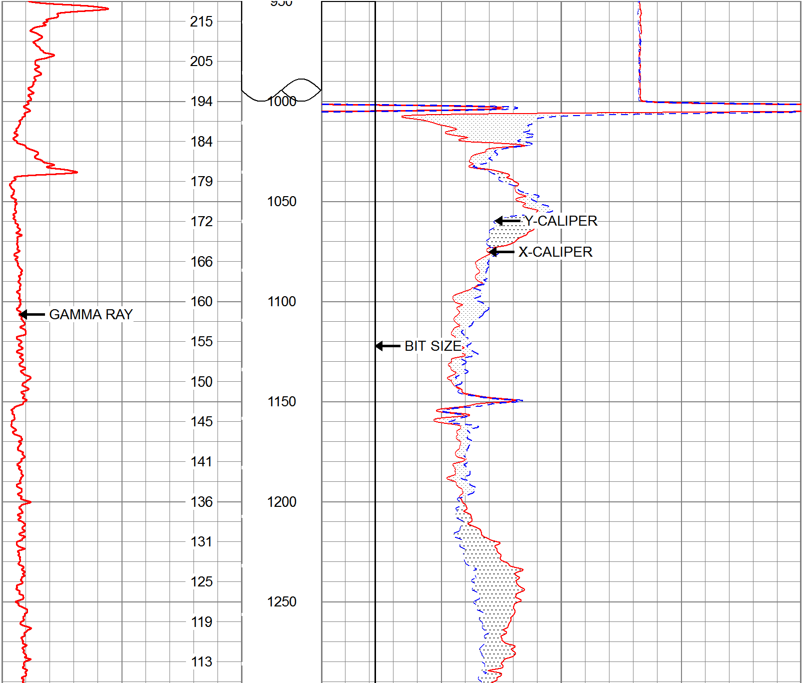
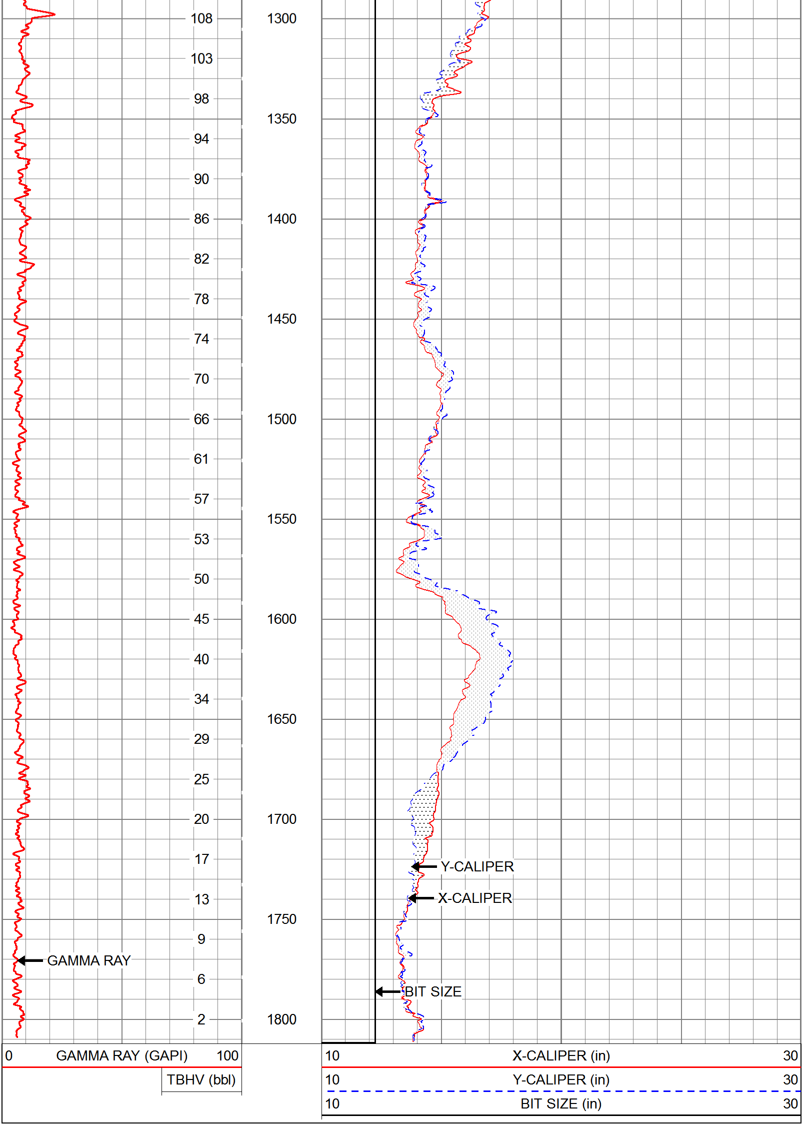
# MAIN PASS

| | |
|---|---|
| Database File | hw-diw-stof-mw1-r5.db |
| Dataset Pathname | hw-diw-stof/mw-1/run5/XYCGR3.3 |
| Presentation Format | grxyc |
| Dataset Creation | Thu Jan 25 00:34:30 2018 |
| Charted by | Depth in Feet scaled 1:600 |

| 0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 |
|---|---|
| TBHV (bbl) | 10 Y-CALIPER (in) 30 |
| | 10 BIT SIZE (in) 30 |

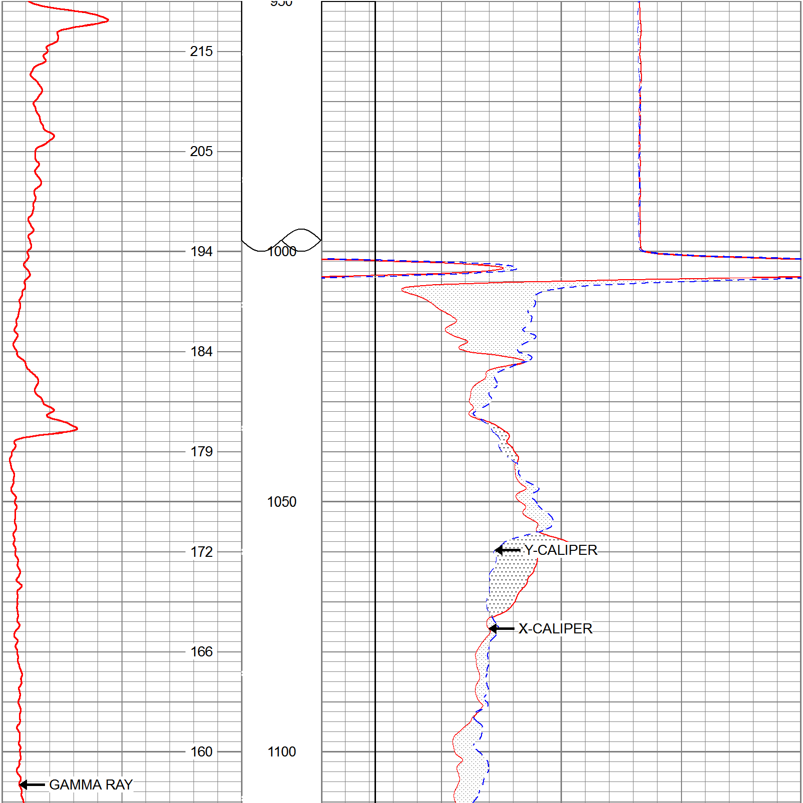


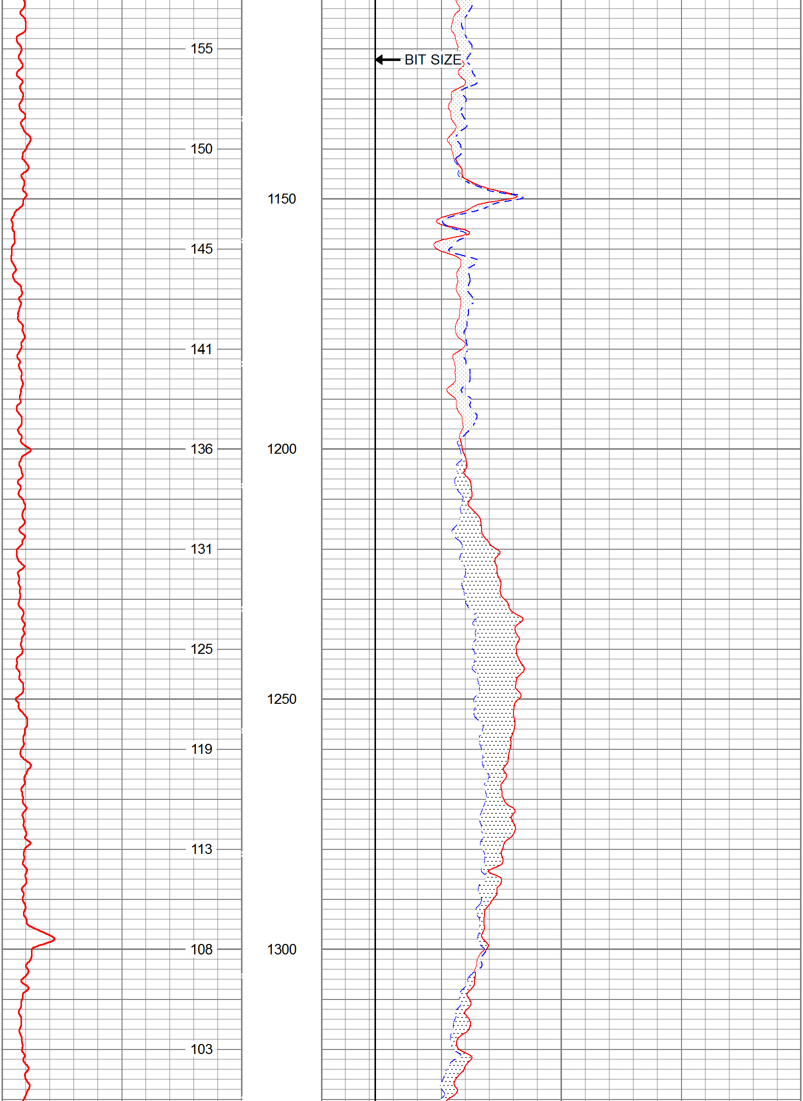


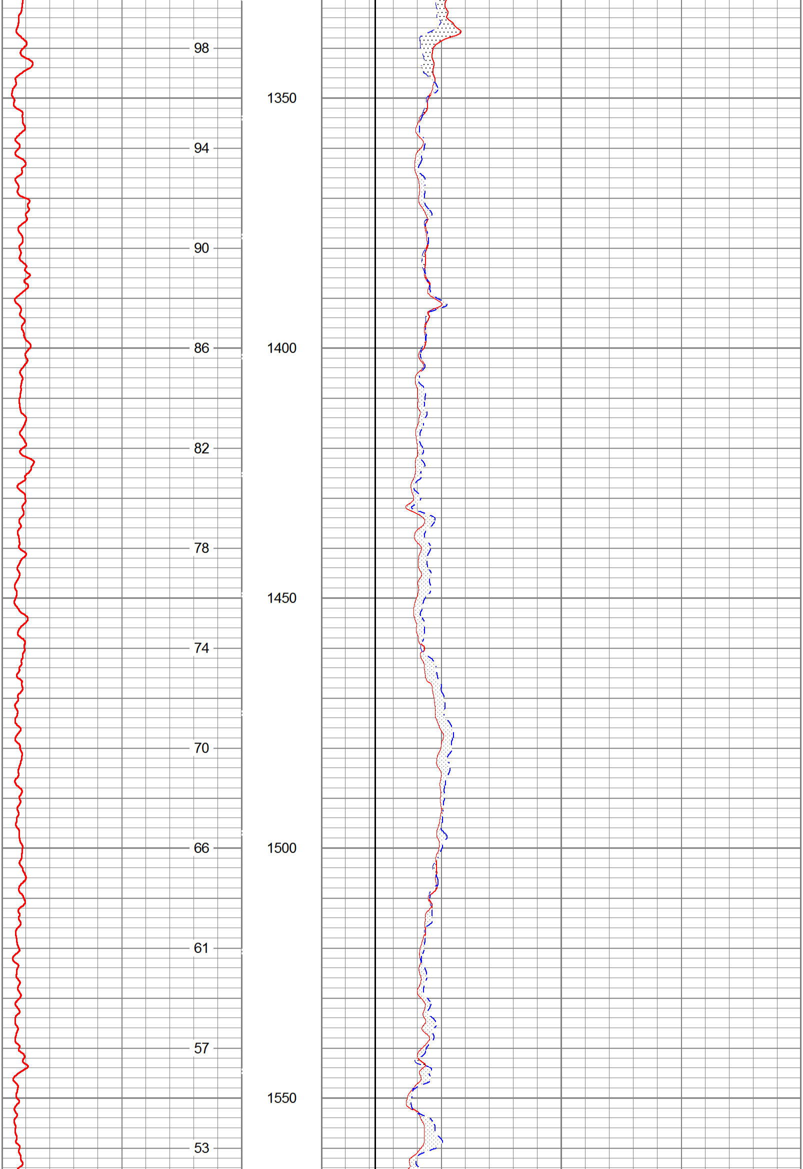
# MAIN PASS

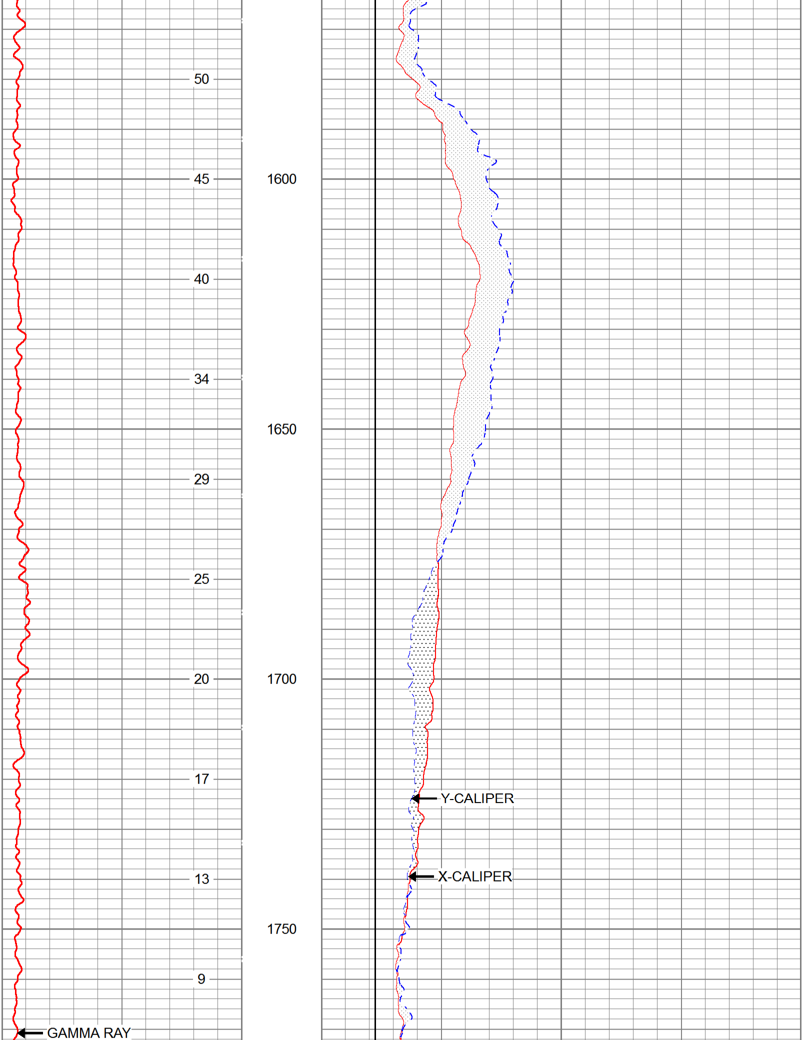
| | |
|---|---|
| Database File | hw-diw-stof-mw1-r5.db |
| Dataset Pathname | hw-diw-stof/mw-1/run5/XYCGR3.3 |
| Presentation Format | grxyc |
| Dataset Creation | Thu Jan 25 00:34:30 2018 |
| Charted by | Depth in Feet scaled 1:240 |

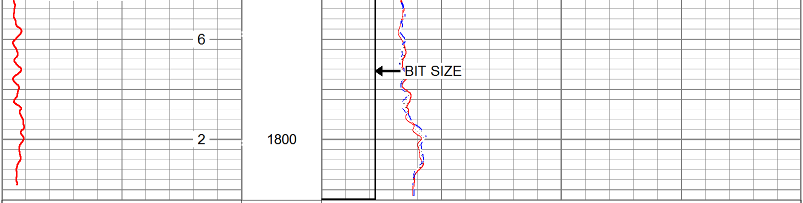
| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | GAMMA RAY (GAPI) | 100 | | 10 | X-CALIPER (in) | 30 |
| | TBHV (bbl) | | | 10 | Y-CALIPER (in) | 30 |
| | | | | 10 | BIT SIZE (in) | 30 |











0 GAMMA RAY (GAPI) 100

TBHV (bbl)

10 X-CALIPER (in) 30

10 Y-CALIPER (in) 30

10 BIT SIZE (in) 30

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# REPEAT SECTION

| | |
|---|---|
| Database File | hw-diw-stof-mw1-r5.db |
| Dataset Pathname | hw-diw-stof/mw-1/run5/XYCGR2.1 |
| Presentation Format | grxyc |
| Dataset Creation | Thu Jan 25 00:38:39 2018 |
| Charted by | Depth in Feet scaled 1:240 |

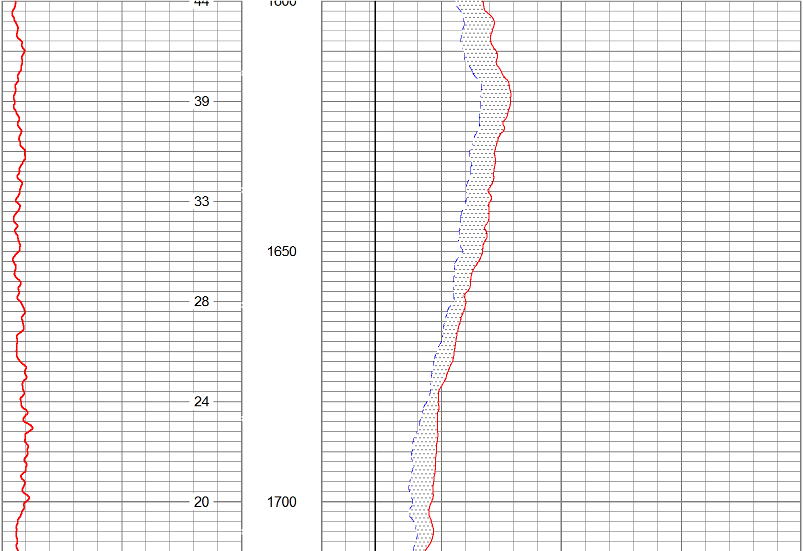
0 GAMMA RAY (GAPI) 100

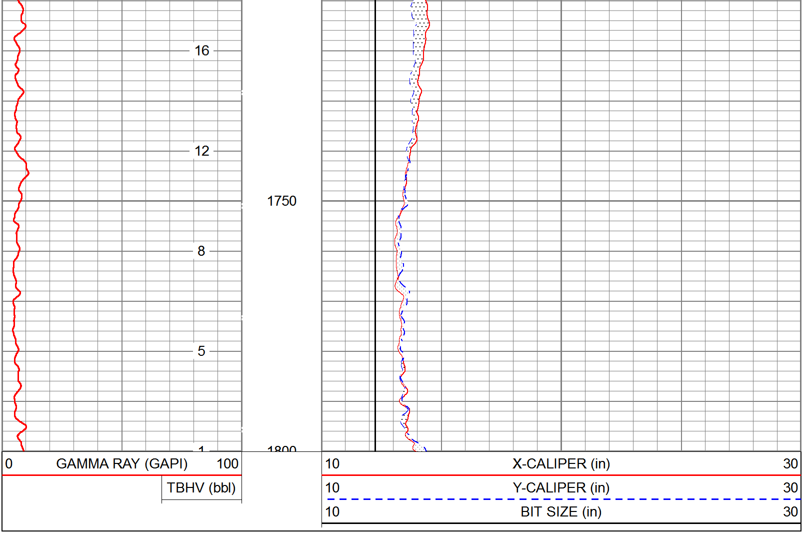
TBHV (bbl)

10 X-CALIPER (in) 30

10 Y-CALIPER (in) 30

10 BIT SIZE (in) 30





## Calibration Report

| | |
|---|---|
| Database File | hw-diw-stof-mw1-r5.db |
| Dataset Pathname | hw-diw-stof/mw-1/run5/XYCGR3.3 |
| Dataset Creation | Thu Jan 25 00:34:30 2018 |

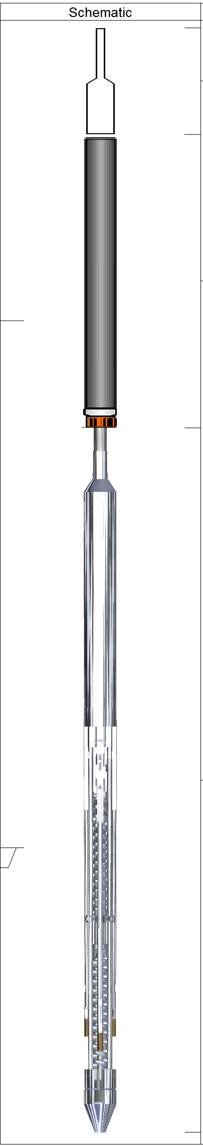
## XY Caliper Calibration Report

| | |
|---|---|
| Serial Number/Model: | 01BSM-XYCSM |
| Performed: | Wed Jan 24 21:54:21 2018 |

| Ring | | | X Caliper | | Y Caliper | |
|---|---|---|---|---|---|---|
| 1: | 3.5 | in | 721.297 | cps | 727.351 | cps |
| 2: | 10 | in | 886.595 | cps | 894.162 | cps |
| 3: | 20 | in | 1124.78 | cps | 1137.28 | cps |
| 4: | 23.25 | in | 1230.45 | cps | 1250.16 | cps |
| 5: | 30 | in | 1398.7 | cps | 1425.76 | cps |
| 6: | 37.5 | in | 1644.89 | cps | 1683.04 | cps |
| 7: | | in | | cps | | cps |
| 8: | | in | | cps | | cps |
| 9: | | in | | cps | | cps |
| 10: | | in | | cps | | cps |

## Gamma Ray Calibration Report

| | | |
|---|---|---|
| Serial Number: | 081007 | |
| Tool Model: | GROH | |
| Performed: | Wed Jan 24 22:05:16 2018 | |
| Calibrator Value: | 69.0 | GAPI |
| Background Reading: | 23.2 | cps |
| Calibrator Reading: | 221.1 | cps |
| Sensitivity: | 0.3487 | GAPI/cps |

| Sensor | Offset (ft) | Schematic | Description | Length (ft) | O.D. (in) | Weight (lb |
|---|---|---|---|---|---|---|
| | |  | CHD-StdCHD | 1.00 | 1.69 | 10.00 |
| | | | GR-GROH (081007) | 2.75 | 3.50 | 40.00 |
| GR | 7.60 | | | | | |
| | | | XYC-XYCSM (01BSM) | 6.60 | 3.50 | 87.00 |
| YCAL | 2.67 | | | | | |
| XCAL | 2.67 | | | | | |

Dataset: hw-diw-stof-mw1-r5.db: hw-diw-stof/mw-1/run5/XYCGR3.3
Total length: 10.35 ft
Total weight: 137.00 lb
O.D.: 3.50 in