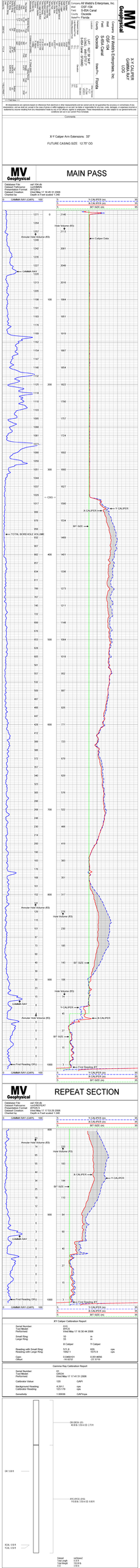


All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

CAVITATE

X-Y Caliper Arm Extensions, 33"

FUTURE CASING SIZE: 12.75" OD

# MAIN PASS

Database File: ref-104.db
Dataset Pathname: ref104
Presentation Format: XYGR/C
Dataset Creation: Wed May 17 16:45:31 2006
Charted by: Depth in Feet scaled 1:240

GAMMA RAY (GAPI) 0 100
Y-CALIPER (in) 20 30
X-CALIPER (in) 20 30
WT SIZE (in) 20 30
Hole Volume (ft3) 0 2146
Annular Hole Volume (ft3) 2113
Y-Caliper Data
X-CALIPER
Y-CALIPER
WT SIZE
TOTAL BOREHOLE VOLUME
CSG
Annular Hole Volume (ft3) 0 218
Hole Volume (ft3) 0 218
WT SIZE
Hole Volume (ft3) 0 14
GAMMA RAY
Y-CALIPER
X-CALIPER
Annular Hole Volume (ft3) 0 45
WT SIZE 0 27
0 15
First Reading GR(-) 1000 1 First Reading X-Y
GAMMA RAY (GAPI) 100
Y-CALIPER (in) 20 30
X-CALIPER (in) 20 30
WT SIZE (in) 20 30

# REPEAT SECTION

Database File: ref-104.db
Dataset Pathname: ref104RXAT
Presentation Format: XYGR/C
Dataset Creation: Wed May 17 17:53:29 2006
Charted by: Depth in Feet scaled 1:240

GAMMA RAY (GAPI) 100
Y-CALIPER (in) 20 30
X-CALIPER (in) 20 30
WT SIZE (in) 20 30
Annular Hole Volume (ft3) 0 14
Hole Volume (ft3) 0 193
X-CALIPER
Y-CALIPER
WT SIZE
GAMMA RAY
First Reading GR(-) 1000 First Reading X-Y
GAMMA RAY (GAPI) 100
Y-CALIPER (in) 20 30
X-CALIPER (in) 20 30
WT SIZE (in) 20 30

## XY Caliper Calibration Report

| | | |
|---|---|---|
| Serial Number | 2 | |
| Tool Model | XYCI | |
| Performed | Wed May 17 18:30:44 2006 | |
| Small Ring | 10 | in |
| Large Ring | 33 | in |
| | X Caliper | Y Caliper |
| Reading with Small Ring | 571.8 | 625 cps |
| Reading with Large Ring | 1062.1 | 1075.9 cps |
| Calc: | 0.0491511 | 0.0514456 |
| Offset | -14.9797 | -15.9755 |

## Gamma Ray Calibration Report

| | | |
|---|---|---|
| Serial Number | 93 | |
| Tool Model | GROH | |
| Performed | Wed May 17 17:41:51 2006 | |
| Calibrator Value | 120 | GAPI |
| Background Reading | 4.2313 | cps |
| Calibrator Reading | 120.2 | cps |
| Sensitivity | 1.00030 | GAPI/cps |




Dataset ref104rx2
Total Length 6.33 ft
Total Weight 151.36 lb
OD 3.50 in