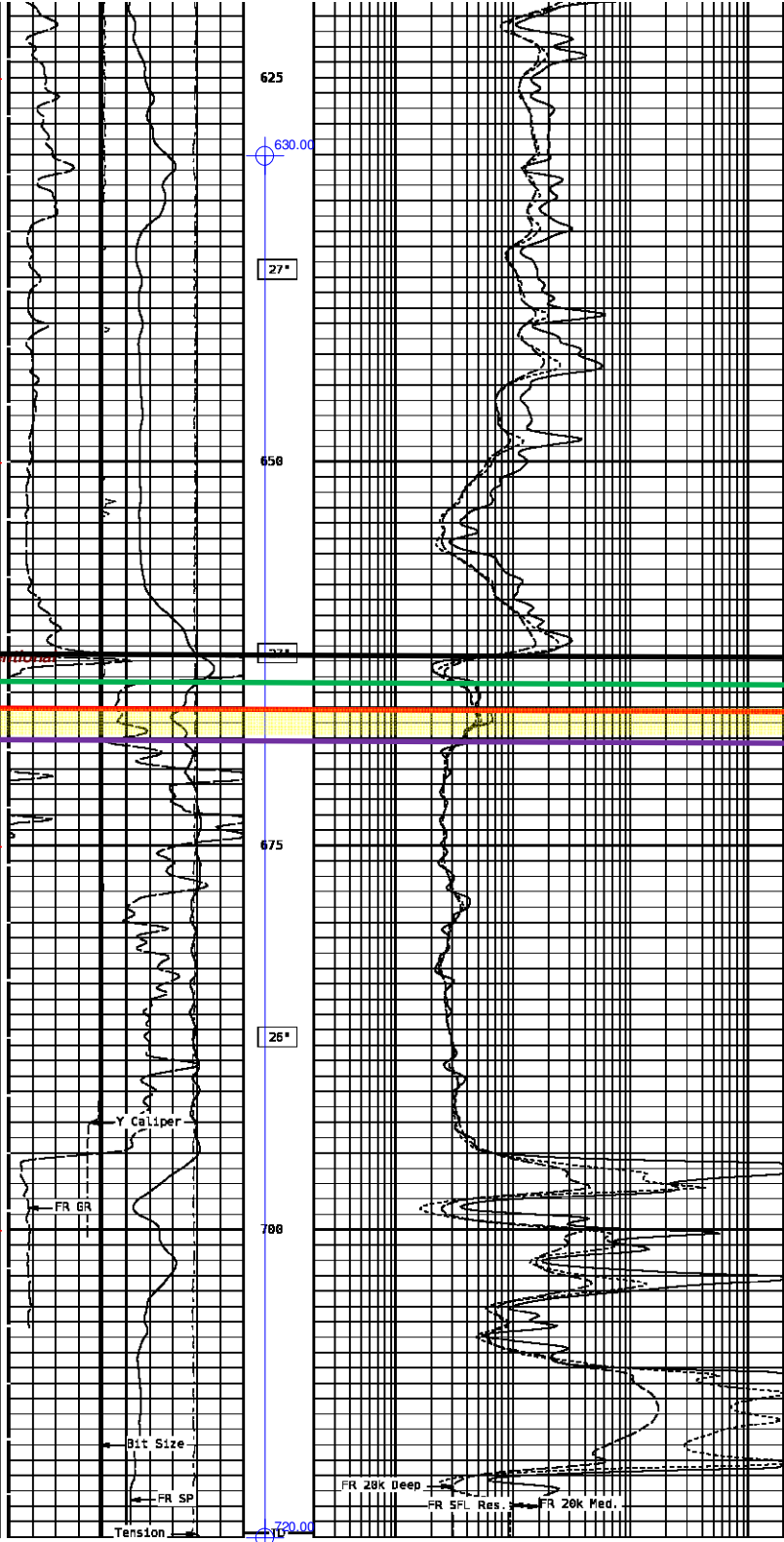
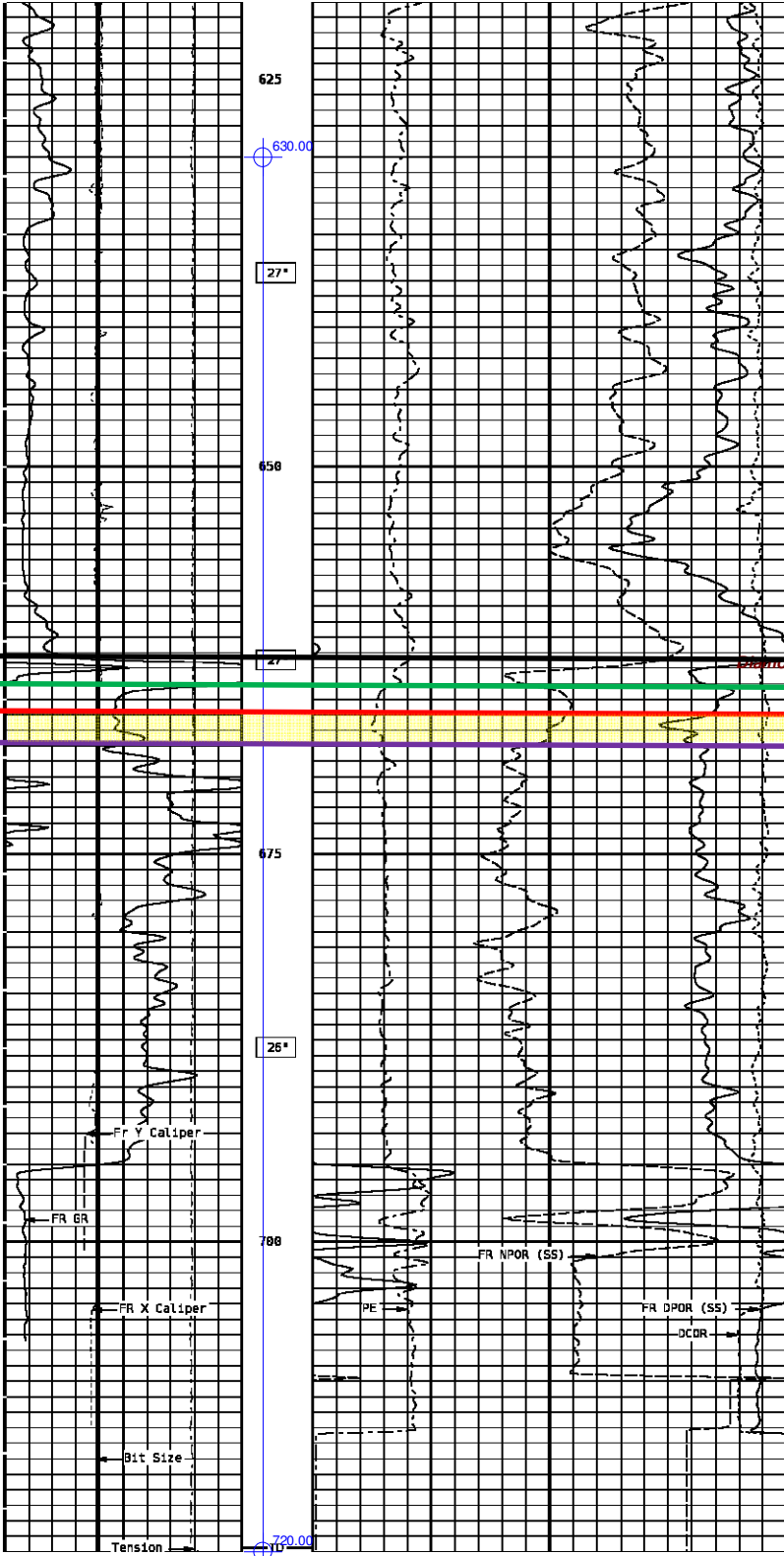


KB: 493.7 m RR: N/A
 TD: 720.0 m [TVD] FormTD: BIRDBER
 Mode: Abnd SurfaceLoc: 100090201328W100
 CPEC EAST MANSON HZNTL 9-1-13-28 (WPM)

REMARKS
 MAIN PASS
 SANDSTONE MATRIX
 1:248 SCALE
 DEPTH SCALE: 1:248 PROCESSED VERSION: 2012.07.18.162
 MAIN PASS
 39088193 STI04
 FINISH DEPTH: 131.6 Meters DIRECTION: UP DATE: 02/26/2013 TIME: 12:11 MODE: TRACE PLAYBACK

| | | |
|----------------------|------------------------|------|
| Tension | 10000 Pounds | 0 |
| Y Caliper | 125 Millimeters | 375 |
| Gamma Ray | 8 API | 150 |
| X Caliper | 125 Millimeters | 375 |
| PhotoElectric Effect | 0.0 | 18.0 |
| Density Correction | 458 Kilograms/Cu.Meter | -50 |
| Neut. Porosity (SS) | 68.8 Percent | 8.0 |
| Den. Porosity (SS) | 68.8 Percent | 8.0 |

| | | |
|-----------------|-----------------|---------|
| Tension | 10000 Pounds | 0 |
| Y Caliper | 125 Millimeters | 375 |
| Gamma Ray | 8 API | 150 |
| SP | -50 Millivolts | 50 |
| SFL Resistivity | 0.28 OhmMeters | 2000.00 |
| 20K Medium STI | 0.28 OhmMeters | 2000.00 |
| 20K Deep STI | 0.28 OhmMeters | 2000.00 |



Upper Bakken Shale
 Middle Bakken
 Middle Bakken Sand
 Torquay

| | | |
|----------------------|------------------------|------|
| X Caliper | 125 Millimeters | 375 |
| Gamma Ray | 8 API | 150 |
| Y Caliper | 125 Millimeters | 375 |
| Tension | 10000 Pounds | 0 |
| Den. Porosity (SS) | 68.8 Percent | 8.0 |
| Neut. Porosity (SS) | 68.8 Percent | 8.0 |
| PhotoElectric Effect | 0.0 | 18.0 |
| Density Correction | 458 Kilograms/Cu.Meter | -50 |

| | | |
|-----------------|-----------------|---------|
| SP | -50 Millivolts | 50 |
| Gamma Ray | 8 API | 150 |
| Y Caliper | 125 Millimeters | 375 |
| Tension | 10000 Pounds | 0 |
| 20K Deep STI | 0.28 OhmMeters | 2000.00 |
| 20K Medium STI | 0.28 OhmMeters | 2000.00 |
| SFL Resistivity | 0.28 OhmMeters | 2000.00 |

DST Information

| Prod | Oil (m3) | Gas (E3m3) | Water (m3) |
|-------|------------|--------------|--------------|
| Cum | 0.0 | 0.0 | 0.0 |
| Daily | 0.0 | 0.0 | 0.0 |