

Last Update: Beiringer 06/29/2008

|                   |   |                     |  |
|-------------------|---|---------------------|--|
| Well:             | OCS-G-23018 #1 BP01, Abtwater Valley 138 Loc D    | Rig:                | Ensco 7500   |
| Mudline Location: | X= 786,393 Y= 10,097,821 (NAD 27 BLM 16)          | WBS No.             | "UWXXE-ET008-DRL"                                      |
|                   | Lat N 27° 48' 04.709" Long W 89° 38' 31.433"      | API Well Number:    | 60818406800  |
| BHL Location:     | X= 786,494 Y= 10,097,810 Z= 31,150' TVD           | Latitude/Longitude: | Lat N27 48 04.709 Long W89 38 31.433 (same as surface) |
|                   |   |                     | 72'  |
| OBJECTIVES:       | 18.0 Miocene @ 28,749' TVD                        | Water Depth (ft):   | <u>3480'</u>   |
| DIRECTIONAL:      | KOP @ 22,025' : 1000' radius @ TD' of 31,150' RKB | KB to ML (ft):      | <u>3552'</u>   |

| EVAL<br>PROG   | GEOLOGIC MARKERS<br>OBJECTIVES | MD                                   | HOLE<br>SIZE  | CASING<br>& CEMENT                 | MUD<br>MW                               | LOT<br>OBG/FG | DIRECTIONAL<br>PROGRAM |
|--|--------------------------------|--------------------------------------|---|------------------------------------|---|---------------|------------------------|
| 10,000 psi 16" SA @ 3,589'<br>Top of 16" HGR @ 3,586'<br>MW/LWD v TD | (37' BML)                      | 3,880'<br>(318' BML)                 | 36" Jetted to 318' BML (120" x 2", 60" 1.5" X 1", 160" x 1")  | 3536' (16" AML)<br>3540' (12" AML) |   |               |                        |
|  | 4,310'<br>(788' BML)           |                                      | 30" x 32" Hole TD = 4,350'<br>28" 210.27 ppf 0.75" X-52 RL-46L (3,545' - 4310')<br>Foam Cement @ mud-line   |                                    | Sea Water                               |               |                        |
| 18" SA @ 5,557' (2,005' BML)   |                                |                                      | Burst Disk @ 4,431' (3500 psi) in 1"<br>26" Hole TD = 6,230'<br>23" 448 ppf 2" X-80 (3537' - 3590')<br>22" 328 ppf 1.5" X-80 X H-90D (3590' - 3630')<br>22" 224 ppf 1" X-80 S-90/MT (3630' - 4434')<br>22" 170 ppf 0.75" X-60 S-60/MT (4434' - 6287')<br>Collapse Disk @ 5,900' |                                    | 11.5 - 14.9 ppg DKD<br>Pad Mud 15.5 ppg |               | Straight<br>Hole       |
|  | 6,297'<br>(2,735' BML)         |                                      | 18-1/8" x 21" Hole TD = 7,900'<br>Foam Cement @ mud-line  |                                    | SBM<br>11.3 PPG                         |               | Straight<br>Hole       |
| TOS @ 6,844' RKB (3,292' BML)  |                                | 7,782'<br>(4,230' BML)               | 18" 117 ppf, P110, Hyd 511 (5,557'-6,300')<br>17 7/8" 93.5 ppf, P110HC, Hyd 521 (6,300'-7,782')<br>TOC @ 6,087'   |                                    | 14.5 ppg FIT                            |               |                        |
|  |                                |                                      | 16-1/2" x 19" Hole TD = 15,600'<br>TOC @ 12,890' (SLB Bond log 24-May-08)   |                                    | SBM<br>11.6 - 13.6 PPG                  |               | Straight<br>Hole       |
| Top of 13 5/8" Liner @ 15,226'                                       |                                | 15,466'<br>(11,914' BML)             | 16.04" 109.6 ppf, HPQ-125 SLSF (3,586'-7,094')<br>16" 97 ppf, HPQ-125 8L8F (7,094'-9,144')<br>16" 97 ppf, HCQ-125 Hydril 523 (9,144'-15,466')   |                                    | 16.3 ppg FIT                            |               |                        |
|  |                                |                                      | 19" Hole to 15,500'   |                                    |   |               |                        |
|  |                                |                                      | 14-1/2" x 16-1/2" Hole TD = 20,910'   |                                    | SBM<br>13.5 - 16.0 PPG                  |               | Straight<br>Hole       |
| BO5 @ 20,404' (16,852' BML)<br>Top of 11 7/8" Liner @ 20,436'        |                                | 20,892'<br>(17,310' BML)             | 16.5" Hole to 20,772'<br>13 5/8" 88.2 ppf, Q-125, SLSF (20,006'-15,226')<br>14" 112 ppf, Q-125, SLSF (20,666'-20,006')<br>13 5/8" 88.2 ppf, Q-125, SLSF (20,892'-20,666')<br>TOC @ 20,920' (OSLT # 24-May-08)   |                                    |   |               |                        |
|  |                                |                                      | 12 1/4" x 13 1/2" Hole TD = 22,025'<br>11-7/8" Casing Window TOW= 22,003'; BOW= 22,025'<br>11 7/8" 71.8 ppf Q-125 HYD 513 (20,436' - 22,025')   |                                    | SBM<br>15.8 PPG                         |               | Straight<br>Hole       |
| Top of 9 3/8" liner @ 21,725'  |                                | 22,025'<br>(18,473' BML)             | 10-5/8" Hole to 24,675'   |                                    | SBM<br>15.8 - 16.0 ppg                  |               | Directional<br>Hole    |
|  |                                |                                      | 9-3/8" 39 ppf HCQ-125 SLF (21,725' - 24,675')<br>TOC @ 24,175'  |                                    | 16.8 ppg LOT                            |               |                        |
| Top of 7 5/8" x 9 3/8" SET @ 24,375'                                 |                                | 24,675'/24,670' TVD<br>(21,118' BML) | 8 1/2" x 9 7/8" Hole to 27,000'<br>Post expansion OD 8.427"   |                                    | SBM<br>16.0 - 16.3 ppg                  |               | Straight<br>Hole       |
|  |                                |                                      | 7 5/8" x 9 3/8" 29.7 ppf SET EX-80 XPC (24,375' - 27,000')<br>TOC @ 26,500'   |                                    | 17.0 ppg LOT                            |               |                        |
|  |                                | 27,000'/26,995' TVD<br>(23,443' BML) | 6 1/2" x 8 1/2" Hole to 31,150'   |                                    | SBM<br>16.3 ppg                         |               | Straight<br>Hole       |
|  |                                | 31,150'/31,145' TVD<br>(27,596' BML) |   |                                    |   |               |                        |