

DAILY DRILLING REPORT

BEACH PETROLEUM

REPORT # 50

| WELL | Glenaire 01 ST1 | | 24:00 DEPTH | 3701m | 24 HR PROG | 1m | CUM. CO | OSTS \$198 | 3,404 | |
|----------------------------|--|--|------------------|-----------------------|------------|----------|---------------------|----------------------|-------|--|
| RIG | Ensign # 32 | | FORMATION | Pretty Hill | PTD | 3945m | DAILY CO | OSTS \$30,0 | 41.05 | |
| OP's TO | TO 06:00 Shoe, bots.up = 1670 units, RIH to 3643m, W/R to bot., drill f/ 3700m > 3701m, circ. bot's up, flow check, well flowing, wt. up f/ 11.1ppg to 12.1ppg, flow check, slight flow, circ. bottoms up, 954 units to surface, cont. circ. | | | | | | | | | |
| REMARKS / FORWARD PLAN: | | 1300hrs = bottoms u =circ. with 12.1ppg | >> Operation | PERSONNEL ON SITE: | 37 | | | | | |
| LAST CA | ASING | 7 " SET AT | 2998m LOT | 13.8ppg MAA | SP 870psi | BOP TEST | Г 26/10/2006 | TEST DUE | 09/11 | |
| AFD | 's: 88 | SAFETY 1. Toolbo 2. | x meeting | | | | WEATHER | R AM Showers PM Rain | | |
| | DIT INEO | DMATION | RHA | # 12 | MIID DD | DEDTIES | OPERATIO | и прс | CIM | |

| | | | 2. | | | | | 1111 | Rain | |
|-----------------|--------|--|-------------------|----------------------------------|---------------|------------------------|----------------|---------------------------|------------------------|---------|
| BIT INFORMATION | | | BHA # 13 | MUD PROPERTIES | | OPERATION HRS | | CUM | | |
| VOB(kLb) | 8-10 | JET V(fps) | 73 | TOOL | LENGTH | Time | 0130 | BOP's / Wellhead | | 36.0 |
| RPM | 75 | HSI | 0.25 | DSX111GJW | 0.20 | Depth (m) | 3701 | Cementing | | 8.5 |
| IT NUMBE | ER | RR 11 | | Float sub | 0.91 | Temp (° C) | 45 | Circ & Condition | 1.5 | 46.5 |
| ize (in) | | 6.0 | | 14 x 4-3/4" dc's | 132.38 | Mud Type KCL/I | PHPA/POI | Coring | | |
| Make | | Нус | | Dailey Drlg. Jars | 8.96 | | 12.10 | D/O Cement | | 12.5 |
| | | DSX111 | | 3 x 4-3/4" dc's | 28.30 | | 12.77 | Drilling | 1.0 | 462.0 |
| Гуре | | DSXIII | | | | Viscosity (sec) | 41 | FIT / LOT | 1.0 | 4.0 |
| IADC Code | | 112200 | | 9 x HWDP | 85.50 | | | Handle BHA | | 14.5 |
| Serial Number | | 112300 | | | | | 14 / 18 | | 1.0 | |
| T.F.A.(") | | | | | | | 3/6 | Repairs | 1.0 | 74.0 |
| Depth In (m) | | 3700 | | | | API Filt. (cc) | 6.8 | Rig Service | | 8.0 |
| Depth Out (m) | | | | | | Cake (/32") | 1 | Rig up Csg./ Cmt. | | 11.0 |
| Total Meters | | | | | | Solids (% Vol) | 16 | Run Casing | | 32.5 |
| Hours | | | | | | Sand (% Vol) | Tr | Safety | | 2.0 |
| ROP | | | | | | MBT | 7 | Slip/Cut Drill Line | 1.0 | 9.0 |
| Condition Ou | t | 2-3-WT-A- | X-i-PN-TD | BHA LENGTH (m) | 256.25 | pH (strip) | 8.5 | Survey | | 36.5 |
| | FLOW | DATA | | BHA WEIGHT(kLb) | 32.1 | Chlorides (mg/l) 1 | 40000 | Test BOP | 1.0 | 29.0 |
| CIRC. RATE | | 21 | 0 | STRING WT (kLb) | 187.5 | KCL (%) | 10 | Tight hole / Fishing | | 0.5 |
| AV - DP (fpn | | 21 | | HOOK LOAD (kLb) | 202.0 | | 0.61 | Tripping | | 223.5 |
| | | | | ` ′ | 202.0 | ALC - 50 (K) | 0.01 | Wait on Cement | | 24.5 |
| AV - DC (fpm) | | 38 27 | | WT BELOW JARS (kLb) | 220.0 | | 689 | Wash / Ream | 1.0 | |
| SPP (psi) | | | | DRAG UP (kLb) | | Circ. Vol. (Bbl) | | | 1.0 | 10.5 |
| SPP (calculate | | 29 | | DRAG DOWN (kLb) | 190.0 | CHEMICAL US | | Well Control | 12.5 | 16.0 |
| PUMI | | PUM | | TORQUE ON (Amps/Rel.) | 7993 | Barite | 1184 | 1 | | |
| 8-P- | 80 | 8-P | -80 | TORQUE OFF (Amps/Rel.) | 7560 | Biocide G | 1 | Wiper Trip | 5.0 | 24.5 |
| RATE | 40 | RATE | 60 | BULK PRODUCTS | S | Caustic Soda | 1 | Wireline | | 23.5 |
| LINER | 5.0" | LINER | 5.0" | FUEL ON SITE 31 | 550 Litres | NaCl | 48 | Other | | 84.0 |
| STROKE | 8.5" | STROKE | 8.5" | DAILY USAGE 2 | 2350 Litres | Xanthan Gum | 8 | TOTALS | 24.0 | 1193. |
| | | | | CUM. FUEL USED 179 | 338 Litres | KCL | 252 | DAILY MUD COSTS | \$ | 30,041. |
| | SUR | VEYS | | BARITES ON SITE | 50 kg | Kwikseal F | 20 | CUM. MUD COSTS \$198,4 | | |
| BERTEIG | | | | BARITES USED | CaCO3 UF | 192 | AFE COST - C&S | | | |
| | | | | | | | | AFE COST - P&A | | |
| | | | | | 4602 Bbls | | | AFE COST - C&C | | |
| | | | | | | | | AFE COST - C&C | | |
| | | <u> </u> | | HOURLY OPERATION | ONS SUM | IMARY 0000 to 2 | 400 | | | |
| From | То | Description | n | | | | | | | |
| 0:00 | 1:30 | Cont. RIH to | to 1200m | | | | | | | |
| 1:30 | 2:30 | Slip & cut dr | cut drilling line | | | | | | | |
| 2:30 | 3:00 | Circ. out the 60bbl x 14.5ppg pill, return to slug tank | | | | | | | | |
| 3:00 | 5:30 | Cont. RIH to shoe | | | | | | | | |
| 5:30 | 6:30 | Repairs to Top Drive, fault find electrical wireing for "extend" operation, found & repaired damaged earth wire | | | | | | | | |
| 6:30 | 7:30 | Pressure test rig floor surface equipment, 200psi low x 5 min. & 5000psi high x 10 minutes | | | | | | | | |
| 7:30 | 8:30 | Circ. out gas f/ shoe, >>> (max 1670 units on bottoms up) | | | | | | | | |
| 8:30 | 9:30 | | | | | | | | | |
| | | Cont. RIH to 3652m Week & near fr 3652m to 2700m while taking terror realized with Top Drive of Chattery (aff bettern DDM 75 terror 7560 follows) 2200mi) | | | | | | | | |
| 9:30 | 10:30 | Wash & ream f/ 3652m to 3700m, while taking torque values with Top Drive off bottom (off bottom RPM = 75, torque = 7560 ft/lbs, w/ 2300psi) | | | | | | | | |
| 10:30 | 11:30 | Drill f/ 3700m to 3701m, WOB = 10k, RPM = 75, torque = 7993 ft/lbs w/ 2400psi, (low gear) >>> (max 3354 units f/ 3192) | | | | | | | | |
| 11:30 | 21:00 | Circ. bot's up, slight flow, wt. up f/ 11.1ppg to 11.4ppg, > 15:30hrs, flow increased, wt. up f/ 11.4ppg to 11.8ppg @ 19:30hrs = 2750units on bot's up | | | | | | | | ot's up |
| 21:00 | 0:00 | Low vol. in a | active tank, | trans. 60bbls 11.8ppg LCM to act | ive, reduce p | ump rate, build volume | in pre-mix | tank, transfer to active, | wt. up to 12 | .1ppg |
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| | | 225.55 | 2500 | | 4.5 | | | | | |
| | ACAC. | 3354% @ | ⊉ 3700m | BACKGROUND GAS | : 12% | CONNECTIO | IN CAS. | 2700% T1 | DID CAG. | 1617 |
| <i>I</i> AXIMUN | VISOR: | | | Difference City City | • | Dave Horner | JII GAB. | | RIP GAS: N Drilling | |