

## DAILY DRILLING REPORT

[illegible]

# NEW TECH ENGINEERING

## CASING AND CEMENTING REPORT

Lease PUCKETT NORTH Well Number 13 Date 10/4/2011  
 Last Casing Size 8 625 set at 786 This Casing Size 5.5 set at 4335  
 Driller's Total Depth 4335 Log Depth 4340 Hole Size 7 875 Rathole NONE  
 Casing on Board Joints 102 Total Length Overall 4462 1 Less Threads 4428 44

Log of casing string. Each item should be listed in the same order as run in the well.

| No | Size, Item, Make, Description | Wt/Ft | Grade | Threads  | Condition | Length  |
|----|-------------------------------|-------|-------|----------|-----------|---------|
| 1  | 5 5' FLOAT SHOE               |       |       | LTC 8 RD | NEW       | 1 5     |
| 2  | 1 JT 5 5" CSG                 | 17    | J-55  | LTC 8 RD | NEW       | 44 02   |
| 3  | 5 5" FLOAT COLLAR             |       |       | LTC 8 RD | NEW       | 1.35    |
| 4  | 99 JTS 5 5" CSG               | 17    | J-55  | LTC 8 RD | NEW       | 4294 01 |
| 5  |                               |       |       |          |           |         |
| 6  |                               |       |       |          |           |         |
| 7  |                               |       |       |          |           |         |
| 8  |                               |       |       |          |           |         |
|    |                               |       |       |          |           |         |
|    | JT HEIGHT ABOVE KB            |       |       |          |           | -5 88   |

Time required to run casing 4 5 hours Top of casing string 4340 88 TOTAL 4335  
 Casing left out Full Joints: 2 Total Length Overall 88 02 Less Threads 87 36  
 Centralizers No 24 Make DAVIS LYNCH Where Placed 4325 4291 4221 4142 4073 4006 3917 3847  
3768 3679 3590 3501 3412 3324 3235 3146 3057 2968 2879 2791 2703 2614 2525 2436

CEMENTING REPORT Service Company Used HALLIBURTON  
 Good circulation? YES Minutes circulated? 60 Was casing bottomed up? YES Bottom plug used? YES  
 Cement Lead Sacks 550 Type LITE PREM PLUS Additives 125 LB SX POLY FLAKE

Slurry Weight 12 8 Water 9.96 gal/sk Yield 1 85 cu ft/sk = 1018 cu ft  
 Minutes required to Mix cement 23  
 Cement Tail Sacks 400 Type 50 50 00 Additives 4% LAP 1 + .4% CFR-3 + .25# D-AIR 3000 SX + 1#  
NACL SX

Slurry Weight 13 8 Water 6.46 gal/sk Yield 1.37 cu ft/sk = 548 cu ft  
 Minutes required to Mix cement 15  
 Cement Tail Sacks Type Additives

Slurry Weight Water gal/sk Yield cu ft/sk = 0 cu ft  
 Minutes required to Mix cement Start top plug 11 34 Pump plug down 11 52  
 Plug pumped to 1740 Pressures Late pumping 1230 Final 0  
 Pressure bled off to 0 psi and held below psi for hours Die back pressure valve hold? YES