

DAILY DRILLING REPORT

[illegible]

NEW TECH ENGINEERING

CASING AND CEMENTING REPORT

Lease: PUCKETT NORTH Well Number 12 Date: 9/24/2011
 Last Casing. Size 8 625 set at 789 This Casing. Size 5.5 set at: 4265
 Driller's Total Depth 4265 Log Depth 4260 Hole Size 7 875 Rathole: NONE
 Casing on Board Joints: 102 Total Length: Overall 4479 11 Less Threads: 4445 45

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	39 78
3	5 5" FLOAT COLLAR			LTC 8 RD	NEW	1.35
4	97 JTS 5.5" CSG	17	J-55	LTC 8 RD	NEW	4227 26
5						
6						
7						
8						
	JT HEIGHT ABOVE KB					-4 89

Time required to run casing 4 5 hours Top of casing string 4269 89 TOTAL 4265
 Casing left out: Full Joints: 4 Total Length Overall 176 88 Less Threads 175 56
 Centralizers. No 24 Make. DAVIS LYNCH Where Placed 4261 4221 4142 4073 4006 3917 3847
3768 3679 3590 3501 3412 3324 3235 3146 3057 2968 2879 2791 2703 2614 2525 2436 2348

CEMENTING REPORT Service Company Used HALLIBURTON
 Good circulation? YES Minutes circulated? 60 Was casing bottomed up? YES Bottom plug used? YES
 Cement, Load Sacks: 600 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 = 1110 cu ft
 Minutes required to Mix cement 26
 Cement: Tail Sacks: 350 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 = 480 cu ft
 Minutes required to Mix cement: 24
 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 8:42 Pump plug down 9:01
 Plug pumped to 1646 Pressures Late pumping 1146 Final 0
 Pressure bled off to 0 psi and held below psi for hours Did back pressure valve hold? YES