

**PEOPLES ENERGY PRODUCTION- TEXAS L.P.  
GARDNER WELL NO. 12  
BLANCO MESAVERDE FIELD  
SAN JUAN COUNTY, NEW MEXICO**

30-045-33630

**AS COMPLETED WELLBORE SCHEMATIC**

**13 1/2" hole**

**9 5/8", 36#, K-55 @ 218'**  
Cemented w/ 125 sx Class "G"  
Cement circulated to surface.

**8 3/4" hole**

**4-1/2" 10.5#, K-55 Production Csg tied into liner  
from 2850' to surface**  
Cemented w/ 325 sx CL "G"  
Circulated to Surface

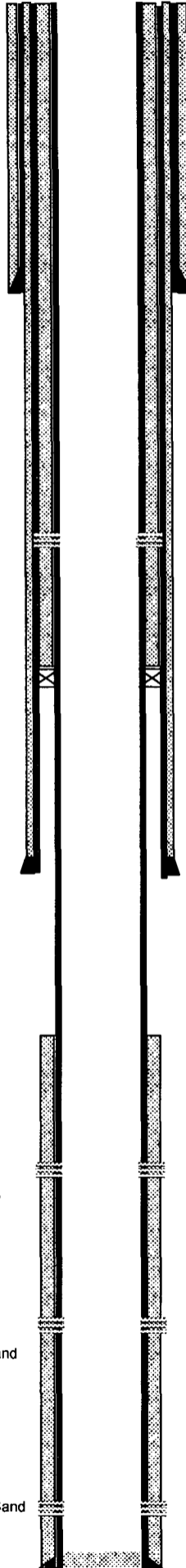
**7", 26#, 23#, K-55 @ 3829'**  
Cemented w/ 100 sx G / TXI  
Estimated TOC @ 2310' / squeezed cement to surface

**6 1/4" hole**

**Perfs: Cliffhouse** 11/27/2006  
**5284-5415' MD / 5038-5166' TVD**  
11/28/2006 Frac w/ 9696 gal Foam Gel & 45,000# 20/40 Brady Sand

**Perfs: Memefee** 11/22/2006  
**5112-5769' MD / 5410-5517' TVD**  
11/23/2006 Frac w/ 11,334 gal Foam Gel & 53,000# 20/40 Brady Sand

**Perfs: Lwr Point Lookout** 11/18/2006  
**6004-6102' MD / 5750-5848' TVD**  
11/19/2006 Frac w/ 23,808 gal Foam Gel & 117,000# 20/40 Brady Sand  
**4-1/2" 10.5#, K-55 Liner from 2850-6436'**  
Cemented w/ 90 sx TXI & 250 sx 50/50 Poz  
Estimated TOC @ 4350'



Squeeze perfs from 2305-2310' (4 holes)  
Squeeze w/ 200 sx CL "G", Tail w/ 150 sx 50/50 Poz  
Squeeze didn't test  
Resqueeze w/ 75 sx CL "G" (Squeeze tested good)

**Top of 4-1/2" Liner Hanger @ 2850'**  
Cement did not circulate to TOL

**Total Depth 6475 MD**

<b>Well Name &amp; No.:</b> Gardner 12		<b>Field:</b> Blanco - Mesaverde
<b>County or Parish:</b> San Juan		<b>State:</b> New Mexico
<b>Total Depth (TVD):</b> 6221		<b>Total Depth (MD):</b> 6475
<b>KOP:</b> 440'	<b>Max Angle:</b> 23.4°	<b>Completion Fluid:</b>
<b>BHP:</b>	<b>BHT:</b>	<b>Spud Date:</b>
<b>Date Completed:</b> 12/08/2006	<b>Last Revision Date:</b> 12/20/2006	<b>Prepared By:</b> DS

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