



Well Name **Maves A1**  
Location **NENW 6 6S91W 6**  
Field **Wildcat**  
County **Garfield**  
API **05-045-19732**  
Elevation\_KB **5,781' (10')**  
Elevation\_GL **5,771'**  
Footages **981' FNL 1,452' FWL**

**Spud 8/30/2010**

<b>Conductor</b>	<b>0'-84'</b>	<b>16"</b>	<b>75#</b>
<b>Surf Casing</b>	<b>0'-1,005'</b>	<b>8-5/8"</b>	<b>32#</b>
<b>Prod Casing</b>	<b>0-5,617'</b>	<b>4-1/2"</b>	<b>11.6#</b>

**P&A Calculations**

4-1/2" OD 11.6# csg in 7-7/8" Hole, 0.0406 bbl/ft, 0.2278 ft<sup>3</sup>/ft  
 4-1/2" OD 11.6# csg in 8-5/8" 32# csg, 0.0413 bbl/ft, 0.2318 ft<sup>3</sup>/ft  
 4-1/2" OD 11.6# csg capacity, 0.0155 bbl/ft, 0.0873 ft<sup>3</sup>/ft  
 15.8# Class G Neat, 1.15 ft<sup>3</sup>/sks, 4.564 gal/sack water mix  
**Cement Plug #1 - Production Zone (3,015'-2,989')**  
 2 sks, 0.2 bbls, 4-1/2" 11.6# csg, 26-ft (Inside 4-1/2" casing above WRP set at 3,015')  
**Cement Plug #2 - Ohio Creek (1,145' - 1,245')**  
 26 sks, 2.8 bbls, 4-1/2" OD csg in 7-7/8" Hole, 100-ft, 30% excess  
 8 sks, 0.9 bbls, 4-1/2" 11.6# csg, 100-ft  
**Cement Plug #3 - Surface Casing Shoe (905'-1,083')**  
 20 sks, 2.2 bbls, 4-1/2" OD csg in 7-7/8" Hole, 78-ft, 30% excess  
 20 sks, 2.2 bbls, 4-1/2" OD csg in 8-5/8" 32# csg, 100-ft  
 10 sks, 1 bbls, 4-1/2" 11.6# csg, 178-ft  
**Cement Plug #4 - Top Out (0' - 50')**  
 4 sks, 0.5 bbls, 4-1/2" 11.6# csg, 50-ft  
 10 sks, 1.1 bbls, 4-1/2" OD csg in 8-5/8" 32# csg, 50-ft  
**Total Cement**  
 11 Total bbls, 100 sacks - 15.8# Class G Neat, 1.15 ft<sup>3</sup>/sks, 4.564 gal/sack water mix

**TOC - Bond Log** 2,250-ft (Mesa Wireline CBL 9/8/2010)

**Production Intervals**

	<u>Top Perf</u>	<u>Bottom Perf</u>
Mesaverde/Cameo/Rollins	3,208'	5,493'

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