

**ATLAS ROCKIES, LLC**

**Date:** 2/7/2011  
**Prepared by:** Maddie Lariviere  
**Lease** Schlachter  
**Well Number** 943-22-13  
**API** 05-095-06248-00  
**Location** SE5W, Sec. 16 T9N-R43W  
**BHL**  
**Field** South Amherst  
**Unit**  
**County** Sedgwick  
**State** Colorado  
**GL** 3646  
**KB** 3658  
**Spud Date** 2/7/2011  
**Completion date** 3/9/2011  
**First gas sales**

**WI**  
**NRI**  
**Surface** fee  
**Mineral** fee

**SURVEYS:**  
 250 0.35  
 500 0.36  
 1000 0.31  
 1500 0.24  
 2000 0.28  
 2500 0.28

**Geological tops**  
 Surface 3646  
 Pierre Shale 375  
 Sharron Springs 2344  
 Niobrara Chalk 2384  
 Beecher Island  
 Carlile  
 TD 2700

**A-sect** Wellhead Inc LM-70 7 X 4 1/2 1500# Screw on mandrel  
**B-sect** R&M LM-45 4 1/2 X 2 3/8 1500# Screw on mandrel  
 Tree

**Surface Cement**  
 Cement w/ 120 sk Portland 1/11 ASTM C 150 Cement and displace w/770 gal of water Cir 6 brls cement to the pit. 30 ft cement left in the 7" sp. Pumped by Schaal drilling. Plug down 1:45 PM 2-7-2011

**Producing ZONE** Niobrara  
**Hole Size** 9 7/8  
**Surf Casing** 7" 20# 11 jts meas 449.83  
**Shoe** 461.83

0  
**Hole Size** 6 1/4  
**Prod csg** 4 1/2 11.6# 64 jts meas: 2676.15

**TOC** 1,710

**Cement Design**  
 Rig up ADT Cementers and cement w/95 sks type 1 neat cement . Displace w/41 brls water. Plug down @ 6:45 am on 2/10/2011 held ok

**Stimulation Treatment**  
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel 49,980 #16/30 Daniels sand and 50,060 # 12/20 Texas Gold sand for a total of 100,040 # sand. 60.09 tons CO2. 547 BLWTR. 5 MIN- 701 PSI 10 MIN-654 PSI. 15 MIN -636 PSI . MAX RATE 13.7 AVG RATE10.6 MAX PSI- 1199 AVG PSI 766 isip-908 psi

Comments

Date Completion history

