

# ATLAS ROCKIES, LLC

Date: 2/16/2011  
 Prepared by: Maddie Lariviere  
 Lease: BRINKEMA  
 Well Number: 943-31-34  
 API: 05-095-06305-00  
 Location: Sec. 31 T9N-R43W  
 BHL  
 Field: South Amherst  
 Unit  
 County: Phillips  
 State: Colorado  
 GL: 3688  
 KB: 3700  
 Spud Date: 2/16/2011  
 Completion date: 3/25/2011  
 First gas sales

WI  
 NRI  
 Surface  
 Mineral  
 fee  
 fee

SURVEYS:  
 250 0.4  
 500 0.43  
 1000 0.56  
 1500 0.24  
 2000 1.07  
 2500 0.85

Geological tops  
 Surface 3688  
 Pierre Shale 315  
 Sharron Springs 2363  
 Niobrara Chalk 2408  
 Beecher Island  
 Carlile  
 TD 2690

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/ 113 sk Portland 1/11 ASTM C 150 Cement  
 and displace w/746 gal of water Cir 8 brls cement to  
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal  
 drilling. Plug down 1:45 pm 2/17/2011

Producing ZONE Niobrara  
 Hole Size 9 7/8  
 Surf Casing 7" 20# 11 jts meas 455.45  
 Shoe 467.45

0  
 Hole Size 6 1/4  
 Prod csg 4 1/2 11.6# 64 jts meas: 2669.11

TOC 1,890

Cement Design  
 Rig up ADT Cementers and cement  
 w/85 sks type 1 neat cement .  
 Displace w/40.8 brls water.  
 Plug down @ 7:00 am on 2/20/2011  
 held ok

Stimulation Treatment  
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel  
 50,0250 #16/30 Daniels sand and 50,080 # 12/20 Texas Gold sand for a  
 total of 100,100 # sand. 60 tons CO2. 524 BLWTR. 5 MIN- 665 PSI  
 10 MIN-655 PSI. 15 MIN -648 PSI . MAX RATE 14.1 AVG RATE 8.4  
 MAX PSI- 998 AVG PSI 765 isip-688 psi

## Comments

Date Completion history

