

# ATLAS ROCKIES, LLC

Date: 1/24/2011  
 Prepared by: Maddie Lariviere  
 Lease: FULSCHER  
 Well Number: 943-15-14  
 API: 05-095-06093-00  
 Location: SWSW, Sec. 15 T9N-R43W  
 BHL:  
 Field: Amherst  
 Unit:  
 County: Phillips  
 State: Colorado  
 GL: 3656  
 KB: 3668  
 Spud Date: 12/29/2010  
 Completion date: 2/9/2011  
 First gas sales:

WI  
 NRI  
 Surface  
 Mineral

fee  
 fee

SURVEYS:  
 475 0.26  
 1000 0.81  
 1500 1.02  
 2000 1.67  
 2500 0.34  
 2625 0.08

Geological tops  
 Surface 3656  
 Pierre Shale 375  
 Sharron Springs 2346  
 Niobrara Chalk 2396  
 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/ 121 sk Portland 1/11 ASTM C 150 Cement  
 and displace w/745 gal of water Cir 9 brls cement to  
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal  
 drilling. Plug down 2:30 AM 12/29/2010

## Producing ZONE

Niobrara

Hole Size 9 7/8  
 Surf Casing 7" 20# 12 jts meas 467.95  
 Shoe 479.95

0 Hole Size 6 1/4  
 Prod csg 4 1/2 11.6# 64 jts meas: 2674.98

TOC 1,602

## Cement Design

Rig up ADT Cementers and cement  
 w/100 sks type 1 neat cement .  
 Displace w/41 brls water.  
 Plug down @ 5:00 am on 1/4/2011  
 held ok

## Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel  
 50,040 #16/30 Arizona sand and 49,980 # 12/20 Texas Gold sand for a  
 total of 100,020 # sand. 60.6 tons CO2. 546 BLWTR. 5 MIN- 665 PSI  
 10 MIN-631 PSI. 15 MIN -602 PSI . MAX RATE 13.8 AVG RATE 9.3  
 MAX PSI- 1369 AVG PSI 756 isip-740 psi

## tubing detail

6/9/2011  
 70 jts 2 3/8 2253.99  
 1 sn 2 3/8 1.10  
 1 jt 2 3/8 32.27  
 total tbg 2287.36  
 kb 12.00  
 btm tbg @ 2299.36

## Perforations

2394-2410 W/ 4SPF  
 16 TOTAL FT  
 64 TOTAL SHOTS

PBTD 2,644.29  
 Csg shoe 2,686.98

TD 2,700

## Comments

Date Completion history