

# ATLAS ROCKIES, LLC

Date: 1/24/2011  
 Prepared by: Maddie Lariviere  
 Lease: DIRKS  
 Well Number: 943-22-21  
 API: 05-095-06154-00  
 Location: NENW, Sec. 22 T9N-R43W  
 BHL:  
 Field: Amherst  
 Unit:  
 County: Phillips  
 State: Colorado  
 GL: 3645  
 KB: 3657  
 Spud Date: 12/23/2010  
 Completion date: 2/4/2011  
 First gas sales:

WI  
 NRI  
 Surface  
 Mineral  
 fee  
 fee

SURVEYS:  
 250 0.19  
 500 0.3  
 1000 0.4  
 1500 0.42  
 2000 0.87  
 2500 1.08  
 2625 1.51

Geological tops  
 Surface 3645  
 Pierre Shale 375  
 Sharron Springs 2323  
 Niobrara Chalk 2369  
 Beecher Island  
 Carlile  
 TD 2710

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/738 gal of water Cir 5 brls cement to  
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal  
 drilling. Plug down 12:45 AM 12/23/2010

Producing ZONE Niobrara  
 Hole Size 9 7/8  
 Surf Casing 7" 20# 12 jts meas 464.00  
 Shoe 475.95

0  
 Hole Size 6 1/4  
 Prod csg 4 1/2 11.6# 65 jts meas: 2688.90

TOC 1,688

Cement Design  
 Rig up ADT Cementers and cement  
 w/100 sks type 1 neat cement .  
 Displace w/41.2 brls water.  
 Plug down @ 11:00 am on 12/30/2010  
 held ok

Stimulation Treatment  
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel  
 50,040 #16/30 Arizona sand and 50,100 # 12/20 Texas Gold sand for a  
 total of 100,140 # sand. 60.14 tons CO2. 551 BLWTR. 5 MIN- 780 PSI  
 10 MIN-752 PSI. 15 MIN -725 PSI . MAX RATE 13.9 AVG RATE 8.5  
 MAX PSI- 1306 AVG PSI 837 isip-844 psi

Comments

Date Completion history

