

# ATLAS RESOURCES, LLC

Date: 8/26/2011  
 Prepared by: Maddie Lariviere  
 Lease: MURRAY  
 Well Number: 943-34-22  
 API: 05-095-06168-00  
 Location: SENW, Sec. 34 T9N-R43W  
 BHL:  
 Field: Amherst  
 Unit:  
 County: Phillips  
 State: Colorado  
 GL: 3644  
 KB: 3656  
 Spud Date: 8/25/2011  
 Completion date: N/A  
 First gas sales: 10/7/2011

WI  
 NRI  
 Surface fee  
 Mineral fee

SURVEYS:  
 500 0.6  
 1000 0.45  
 1500 2.25  
 2000 2.42  
 2500 1.74  
 2625 1.1

Geological tops  
 Surface 3644  
 Pierre Shale 385  
 Sharron Springs 2335  
 Niobrara Chalk 2381  
 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

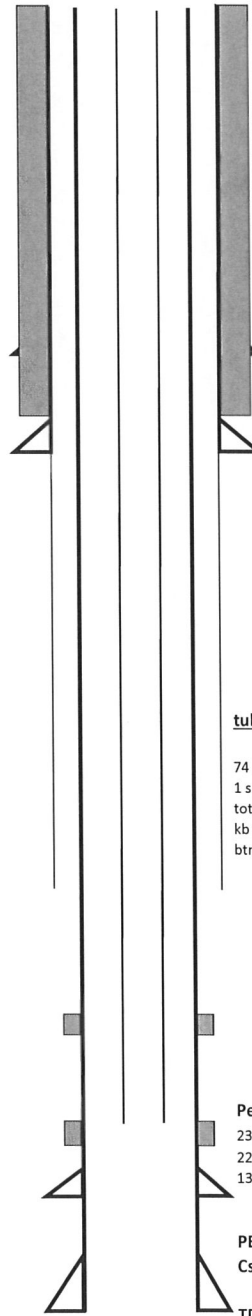
Surface Cement  
 Cement w/ 101 sk Portland 1/11 ASTM C 150 Cement  
 and displace w/725 gal of water Cir 6 brls cement to  
 the pit. 50 ft cement left in the 7" sp. Pumped by Schaal  
 drilling. Plug down 12:30 PM 8/25/2011

Producing ZONE Niobrara  
 Hole Size 9 7/8  
 Surf Casing 7" 17# 12 jts meas 460.95  
 Shoe 472.95  
 0  
 Hole Size 6 1/4  
 Prod csg 4 1/2 11.6# 64 jts meas: 2671.60

TOC 1,780

Cement Design  
 Rig up ADT Cementers and cement  
 w/800 sks type 1 neat cement .  
 Displace w/42 brls water.  
 Plug down @ 9:30 am on 9/5/2011  
 held ok

Stimulation Treatment  
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel  
 50,640 #16/30 Daniels sand and 50,260 # 12/20 Texas Gold sand for a  
 total of 100,900 # sand. 60.23 tons CO2. 556 BLWTR. 5 MIN- 749 PSI  
 10 MIN-706 PSI. 15 MIN -678 PSI . MAX RATE 14.7 AVG RATE 7.7  
 MAX PSI- 1200 AVG PSI 793 isip-877 psi



## tubing detail

74 jts 2 3/8 2360  
 1 sn 2 3/8 1.10  
 total tbg 2361.1  
 kb 12.00  
 btm tbg @ 2373.1

Perforations  
 2380-2402 W/ 6SPF  
 22 TOTAL FT  
 132 TOTAL SHOTS

PBTD 2,641.45  
 Csg shoe 2,683.60  
 TD 2,700