

ATLAS ROCKIES, LLC

Date: 1/24/2011
 Prepared by: Maddie Lariviere
 Lease: OLSON
 Well Number: 943-31-24
 API: 05-095-06299-00
 Location: SESW, Sec. 31 T9N-R43W
 BHL
 Field: Amherst
 Unit
 County: Phillips
 State: Colorado
 GL: 3694
 KB: 3706
 Spud Date: 12/30/2010
 Completion date: 2/11/2011
 First gas sales

WI
 NRI
 Surface
 Mineral

fee
 fee

SURVEYS:
 250 0.44
 500 0.66
 1000 0.53
 1500 0.89
 2000 1.11
 2500 0.44
 2625 0.71

Geological tops
 Surface 3694
 Pierre Shale 375
 Sharron Springs 2380
 Niobrara Chalk 2424
 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/ 115 sk Portland 1/11 ASTM C 150 Cement
 and displace w/725 gal of water Cir 10 brls cement to
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 1:15 PM 12/30/2010

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: 2661.77

TOC 1,800

Cement Design

Rig up ADT Cementers and cement
 w/90 sks type 1 neat cement .
 Displace w/40.7 brls water.
 Plug down @ 1:00 pm on 1/5/2011
 held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,040 #16/30 Arizona sand and 50,020 # 12/20 Texas Gold sand for a
 total of 100,060 # sand. 60 tons CO2. 546 BLWTR. 5 MIN- 678 PSI
 10 MIN-647 PSI. 15 MIN -616 PSI . MAX RATE 14.0 AVG RATE 8.3
 MAX PSI- 891 AVG PSI 658 isip-716 psi

Comments

Date Completion history

