

ATLAS ROCKIES, LLC

Date: 1/24/2011
 Prepared by: Maddie Lariviere
 Lease: ROLL
 Well Number: 843-18-23
 API: 05-095-06237-00
 Location: NESW, Sec. 18 T8N-R43W
 BHL
 Field: Amherst
 Unit
 County: Phillips
 State: Colorado
 GL: 3696
 KB: 3708
 Spud Date: 1/12/2011
 Completion date: 4/7/2011
 First gas sales

WI
 NRI
 Surface
 Mineral
 fee
 fee

SURVEYS:
 450 0.18
 1000 0.69
 1500 1.44
 2000 2.71
 2500 3.44
 2625 2.84

Geological tops
 Surface 3696
 Pierre Shale 290
 Sharron Springs 2358
 Niobrara Chalk 2406
 Beecher Island
 Carlile
 TD 2680

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/683 gal of water Cir 7 brls cement to
 the pit. 50 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 3:30 PM 1/12/2011

Producing ZONE Niobrara
 Hole Size 9 7/8
 Surf Casing 7" 20# 11 jts meas 452.83
 Shoe 464.36

0
 Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 64 jts meas: 2661.01

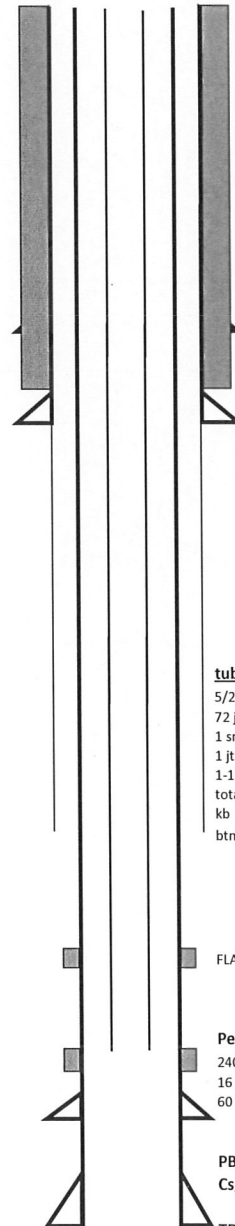
TOC 1,820
 Good bond 1,830

Cement Design
 Rig up ADT Cementers and cement
 w/90 sks type 1 neat cement .
 Displace w/40.7 brls water.
 Plug down @ 9:00 am on 1/15/2011
 held ok

Stimulation Treatment
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,040 #16/30 Daniels sand and 50,020 # 12/20 Texas Gold sand for a
 total of 100,060 # sand. 60.11 tons CO2. 546 BLWTR. 5 MIN- 599 PSI
 10 MIN-593 PSI. 15 MIN -588 PSI . MAX RATE 13.7 AVG RATE 8.1
 MAX PSI- 1026 AVG PSI 732 isip-636 psi

Comments

Date Completion history



tubing detail
 5/23/2011
 72 jts 2 3/8 2336.32
 1 sn 2 3/8 1.10
 1 jt 2 3/8 32.6
 1-10' SUB 10.12
 total tbg 2380.12
 kb 12
 btm tbg @ 2392.12

FLAG JT 2188-2207

Perforations
 2406-2422 W/ 65PF
 16 TOTAL FT
 60 TOTAL SHOTS

PBTB 2,630.86
 Csg shoe 2,673.01

TD 2,680