

ATLAS ROCKIES, LLC

Date: 1/24/2011
 Prepared by: Maddie Lariviere
 Lease: STR
 Well Number: 844-1-31
 API: 05-095-06206-00
 Location: SWSW, Sec. 1 T9N-R44W
 BHL
 Field: Amherst
 Unit
 County: Phillips
 State: Colorado
 GL: 3722
 KB: 3734
 Spud Date: 1/3/2011
 Completion date: 2/12/2011
 First gas sales

WI
 NRI
 Surface
 Mineral
 fee
 fee

SURVEYS:
 475 0.17
 1000 0.38
 1500 0.45
 1900 1.07
 2200 1.52
 2600 0.74

Geological tops
 Surface 3722
 Pierre Shale 375
 Sharron Springs 2393
 Niobrara Chalk 2440
 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/ 117 sk Portland 1/11 ASTM C 150 Cement
 and displace w/742 gal of water Cir 10 brls cement to
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 3:00 PM 1/3/2011

Producing ZONE

Niobrara

Hole Size 9 7/8
 Surf Casing 7" 20# 12 jts meas 466.50
 Shoe 478.50

0
 Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 64 jts meas: 2666.78

TOC 1,793

Cement Design

Rig up ADT Cementers and cement
 w/90 sks type 1 neat cement .
 Displace w/40.8 brls water.
 Plug down @ 2:00 am on 1/7/2011
 held ok

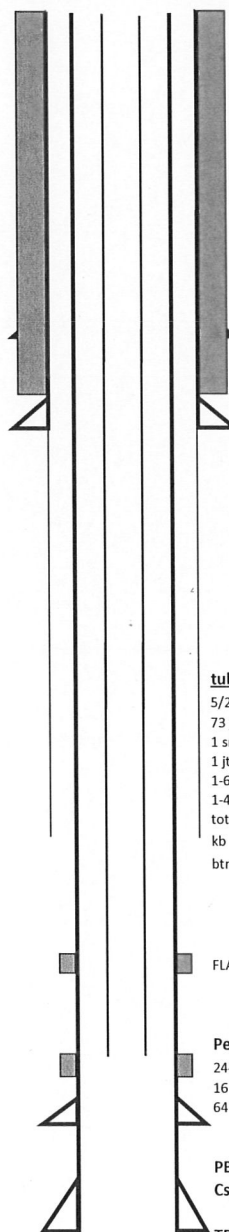
Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,040 #16/30 Arizona sand and 50,060 # 12/20 Texas Gold sand for a
 total of 100,100 # sand. 60 tons CO2. 540 BLWTR. 5 MIN- 603 PSI
 10 MIN-592 PSI. 15 MIN -591 PSI . MAX RATE 13.7 AVG RATE 7.4
 MAX PSI- 1092 AVG PSI 716 isip-650 psi

Comments

Date

Completion history



tubing detail

5/23/2011
 73 jts 2 3/8 2370.03
 1 sn 2 3/8 1.10
 1 jt 2 3/8 32.45
 1-6' SUB 6.06
 1-4' SUB 4.07
 total tbg 2313.71
 kb 12.00
 btm tbg @ 2325.71

FLAG JT 2194-2216

Perforations

2440-2456 W/ 4SPF
 16 TOTAL FT
 64 TOTAL SHOTS

PBDT 2,636.35
 Csg shoe 2,678.78

TD 2,690