

ATLAS ROCKIES, LLC

Date: 2/16/2011
 Prepared by: Maddie Lariviere
 Lease: OLTJENBRUNS STATE
 Well Number: 944-36-34
 API: 05-095-06184-00
 Location: SWSE, Sec. 36 T9N-R44W
 BHL
 Field: South Amherst
 Unit
 County: Phillips
 State: Colorado
 GL: 3712
 KB: 3724
 Spud Date: 2/14/2011
 Completion date: 3/30/2011
 First gas sales

WI
 NRI
 Surface
 Mineral

fee
 fee

SURVEYS:
 250 0.42
 500 0.31
 1000 0.51
 1500 1.03
 2000 1.78
 2500 1.91

Geological tops
 Surface 3712
 Pierre Shale 345
 Sharron Springs 2393
 Niobrara Chalk 2439
 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/ 126 sk Portland 1/11 ASTM C 150 Cement
 and displace w/727 gal of water Cir 8 brls cement to
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 2:30 pm 2/14/2011

Producing ZONE Niobrara
 Hole Size 9 7/8
 Surf Casing 7" 20# 11 jts meas 457.40
 Shoe 469.40

0
 Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 65 jts meas: 2690.66

TOC 1,820

Cement Design
 Rig up ADT Cementers and cement
 w/85 sks type 1 neat cement .
 Displace w/41.2 brls water.
 Plug down @ 7:00 am on 2/17/2011
 held ok

Stimulation Treatment
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,040 #16/30 Arizona sand and 50,040 # 12/20 Texas Gold sand for a
 total of 100,080 # sand. 60.15 tons CO2. 549 BLWTR. 5 MIN- 690 PSI
 10 MIN-670 PSI. 15 MIN -660 PSI . MAX RATE 13.7 AVG RATE 7.7
 MAX PSI- 1221 AVG PSI 752 isip-710 psi

Comments

Date Completion history

