

ATLAS RESOURCES, LLC

Date: 12/2/2011
 Prepared by: Maddie Lariviere
 Lease: FULSCHER
 Well Number: 943-15-23
 API: 05-095-06094-00
 Location: NESW, Sec. 15 T9N-R43W
 BHL:
 Field: Amherst
 Unit:
 County: Phillips
 State: Colorado
 GL: 3633
 KB: 3645
 Spud Date: 12/2/2011
 Completion date:
 First gas sales:

WI
 NRI
 Surface fee
 Mineral fee

SURVEYS:
 500 1.14
 1000 1.93
 1500 2.94
 2000 4.86
 2300 4.39
 2600 2.42

Geological tops
 Surface 3633'
 Pierre Shale 370'
 Sharron Springs 2330'
 Niobrara Chalk 2378'
 TD 2665

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/ 114 sk Portland 1/11 ASTM C 150 Cement
 and displace w/720 gal of water Cir 7 brls cement to
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 200 PM 12/2/2011

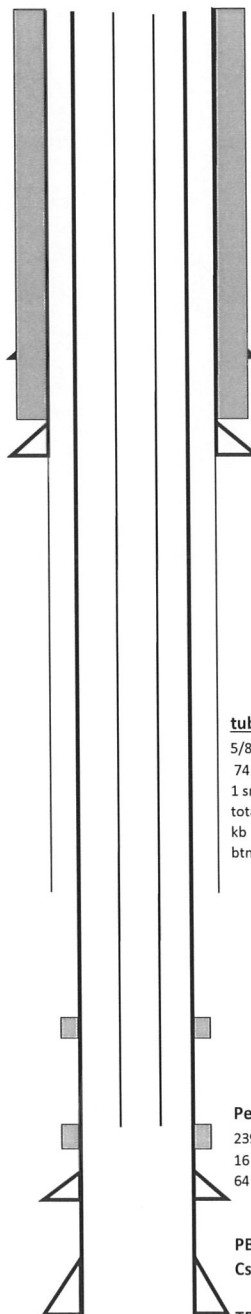
Producing ZONE Niobrara
 Hole Size 9 7/8
 Surf Casing 7" 17# 12 jts meas 463.09
 Shoe 475.09

Hole Size 6 1/4
 Prod csg 4 1/2 10.5# 65 jts meas: 2639.23

TOC 1,920

Cement Design
 Rig up ADT Cementers and cement
 w/75 sks type 1 neat cement .
 Displace w/41.5 brls water.
 Plug down @4:30 am on 12/11/2011
 held ok

Stimulation Treatment
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,020 #16/30 Daniels sand and 50,720 # 12/20 Texas Gold sand for a
 total of 100,740 # sand. 59.95 tons CO2. 626 BLWTR. 5 MIN- 572 PSI
 10 MIN-571 PSI. 15 MIN -567 PSI MAX RATE 13.8 AVG RATE 9.0
 MAX PSI- 922 AVG PSI 622 isip-580 psi



tubing detail
 5/8/2012
 74 jts 2 3/8 2375.98
 1 sn 2 3/8 1.10
 total tbg 2377.08
 kb 12.00
 btm tbg @ 2389.08

Perforations
 2394-2410 W/ 4SPF
 16 TOTAL FT
 64 TOTAL SHOTS
 PBSD 2,610.33
 Csg shoe 2,651.23
 TD 2,665

Comments