

ATLAS RESOURCES, LLC

Date: 2/6/2012
 Prepared by: Maddie Lariviere
 Lease: STATE
 Well Number: 844-36-23
 API: 05-095-06372-00
 Location: NESW, Sec. 36 T8N-R44W
 BHL:
 Field: Amherst
 Unit:
 County: Phillips
 State: Colorado
 GL: 3688
 KB: 3700
 Spud Date: 2/6/2012
 Completion date: N/A
 First gas sales: 3/22/2012

WI
 NRI
 Surface fee
 Mineral fee

SURVEYS:
 500 0.45
 1000 0.55
 1500 0.53
 2000 1.09
 2300 0.63
 2580 0.67

Geological tops
 Surface 3688
 Pierre Shale 260
 Sharron Springs 2348
 Niobrara Chalk 2394
 TD 2650

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/ 106 sk Portland 1/11 ASTM C 150 Cement
 and displace w/771 gal of water Cir 8 brls cement to
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 4:00 PM on 2/6/2012

Producing ZONE Niobrara

Hole Size 9 7/8
 Surf Casing 7" 17# 12 jts meas 466.60
 Shoe 478.60

Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 64 jts meas: 2622.27

TOC 1,890

Cement Design

Rig up ADT Cementers and cement
 w/100 sks type 1 neat cement .
 Displace w/41 brls water.
 Plug down @ 5:00 am on 1/4/2011
 held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,040 #16/30 Texas Gold sand and 50,040 # 12/20 Texas Gold sand for a
 total of 100,060 # sand. 60.19 tons CO2. 552 BLWTR. 5 MIN- 559 PSI
 10 MIN-552 PSI. 15 MIN -547 PSI MAX RATE 15.7 AVG RATE 9.5
 MAX PSI- 1170 AVG PSI 606 isip-632 psi

