

ATLAS ROCKIES, LLC

Date:
 Prepared by: Maddie Lariviere
 Lease BRINKEMA
 Well Number 843-4-12-L12
 API 05-095-06236-00
 Location Lot 12, SWNW, Sec. 4 T8N-R43W
 BHL
 Field Amherst
 Unit
 County Phillips
 State Colorado
 GL 3672
 KB 2684
 Spud Date 11/2/2011
 Completion date 11/7/2011
 First gas sales 9/4/2012

WI
 NRI
 Surface fee
 Mineral fee

SURVEYS:
 500 0.46
 1000 0.46
 1500 0.74
 2000 1.13
 2300 0.95
 2600 0.93

Geological tops
 Surface 3672
 Pierre Shale 330
 Sharron Springs 2348
 Niobrara Chalk 2394
 TD 2660

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/ 100 sk Portland 1/11 ASTM C 150 Cement
 and displace w/745 gal of water Cir 10 brls cement to
 the pit. 50 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 2:30 PM 11/2/2011

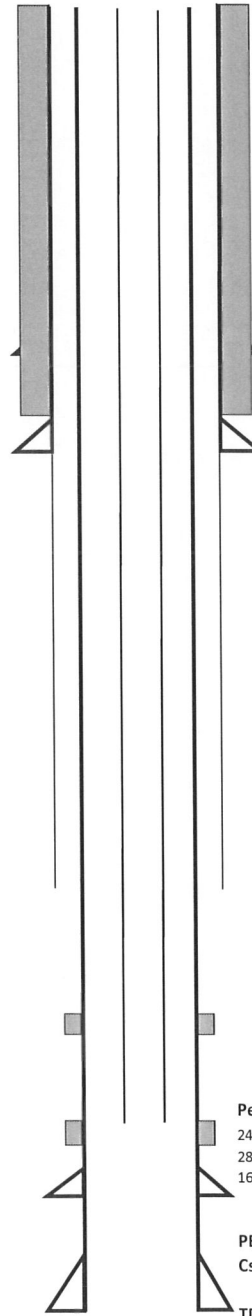
Producing ZONE Niobrara
 Hole Size 9 7/8
 Surf Casing 7" 17# 12 jts meas 455.90
 Shoe 467.90

Hole Size 6 1/4
 Prod csg 4 1/2 10.5# 64 jts meas: 2639.16

TOC 1,846

Cement Design
 Rig up ADT Cementers and cement
 w/80 sks type 1 neat cement .
 Displace w/40 brls water.
 Plug down @ 1:30 am on 11/8/2011
 held ok

Stimulation Treatment
 Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
 50,040 #16/30Arizona sand and 49,980 # 12/20 Texas Gold sand for a
 total of 100,020 # sand. 60.6 tons CO2. 546 BLWTR. 5 MIN- 665 PSI
 10 MIN-631 PSI. 15 MIN -602 PSI . MAX RATE 13.8 AVG RATE 9.3
 MAX PSI- 1369 AVG PSI 756 isip-740 psi



Perforations
 2400-24280 W/ 6SPF
 28 TOTAL FT
 168TOTAL SHOTS
 PBTD 2,609.01
 Csg shoe 2,639.16
 TD 2,660