

ATLAS RESOURCES, LLC

Date: 12/15/2011
 Prepared by: Maddie Lariviere
 Lease: SKOLD FARMS
 Well Number: 946-11-23
 API: 511506098
 Location: NESW, Sec. 11 T9N-R46W
 BHL
 Field: Amherst
 Unit
 County: Phillips
 State: Colorado
 GL: 3909
 KB: 3921
 Spud Date: 12/15/2011
 Completion date: N/A
 First gas sales: N/A

A-sect: Wellhead Inc LM-70
 B-sect: R&M LM-45
 Tree

Surface Cement

Cement w/ 112 sk Portland 1/11 ASTM C 150 Cement and displace w/745 gal of water. Cir 5 brls cement to the pit. 30 ft cement left in the 7" sp. Pumped by Schaal drilling. Plug down 5:30 PM 12/14/2011

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

WI			
NRI		500	1.34
Surface	fee	1000	1.15
Mineral	fee	1500	0.87
		2000	1.49
		2500	0.96
		3000	1.07

SURVEYS:

Geological tops

Surface	3909
Pierre Shale	395
Sharron Springs	2771
Niobrara Chalk	2815
TD	3185

7 X 4 1/2 1500# Screw on mandrel
 4 1/2 X 2 3/8 1500# Screw on mandrel

Hole Size 9 7/8
 Surf Casing 7" 17# 11 jts meas 451.55
 Shoe 463.55

Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 75 jts meas: 3157.12

TOC 2,080

