

ATLAS RESOURCES, LLC

Date: 12/14/2011
 Prepared by: Maddie Lariviere
 Lease: SKOLD RANCH
 Well Number: 946-14-21
 API: 511506095
 Location: NENW, Sec. 14 T9N-R46W
 BHL:
 Field: Amherst
 Unit:
 County: Phillips
 State: Colorado
 GL: 3914
 KB: 3926
 Spud Date: 12/14/2011
 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/ 110 sk Portland 1/11 ASTM C 150 Cement
 and displace w/769 gal of water. Cir 4 brls cement to
 the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
 drilling. Plug down 1:15 AM 12/13-2011

Cement Design

Rig up ADT Cementers and cement
 w/158 sks type 1 neat cement .
 Displace w/59.2 brls water.
 Plug down @ 2:30 PM on 1/7/2012
 held ok

WI			
NRI		500	0.59
Surface	fee	1000	0.35
Mineral	fee	1500	1.17
		2000	3.18
		2500	3.46
		3000	1.6
		3500	0.91
		3800	0.93

SURVEYS:

Geological tops

Surface	3914
Pierre Shale	420
Sharron Springs	2915
Niobrara Chalk	3802
TD	3905

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# 12 jts meas 486.15
 Shoe 498.15

Hole Size 6 1/4
 Prod csg 4 1/2 11.6# 95 jts meas: 3854.56

TOC 3,070

