

ATLAS RESOURCES, LLC

Date:		WI		SURVEYS:		Geological tops	
Prepared by:	Maddie Lariviere	NRI		500	0.36	Surface	3646
Lease	VIESELMEYER	Surface	fee	1000	0.26	Pierre Shale	375
Well Number	943-33-41	Mineral	fee	1500	0.7	Sharron Springs	2352
API	05-095-06378-00			2000	2.17	Niobrara Chalk	2397
Location	NENE, Sec. 33 T9N-R43W			2300	0.31	TD	2660
BHL				2600	0.68		
Field	Amherst						
Unit							
County	Phillips						
State	Colorado						
GL	3646						
KB	3658						
Spud Date	12/8/2011						
Completion date	12/13/2011						
First gas sales	1/24/2012						

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/752 gal of water Cir 4 brls cement to
the pit. 30 ft cement left in the 7" sp. Pumped by Schaal
drilling. Plug down 12:00 PM 12/8/2011

Producing ZONE

Niobrara

Hole Size	9 7/8	
Surf Casing	7" 17#	11 jts meas 455.60
Shoe		467.60

Hole Size	6 1/4	
Prod csg	4 1/2 10.5#	65 jts meas: 2635.10

TOC 1,910

Cement Design

Rig up ADT Cementers and cement
w/75 sks type 1 neat cement .
Displace w/41.9 brls water.
Plug down @ 3:00 am on 12/13/2011
held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
50,020 #16/30 Daniels sand and 50,100 # 12/20 Daniels sand for a
total of 100,120 # sand. 60.07 tons CO2. 545 BLWTR. 5 MIN- 592 PSI
10 MIN-589 PSI. 15 MIN -587 PSI . MAX RATE 14.0 AVG RATE 9.2
MAX PSI- 1402 AVG PSI 687 isip-593 psi

