

ATLAS ROCKIES, LLC

Date:	1/24/2011	WI		SURVEYS:		Geological tops	
Prepared by:	Maddie Lariviere	NRI			450 0.11	Surface	3701
Lease	VIESELMAYER	Surface	fee		1000 0.22	Pierre Shale	335
Well Number	843-5-31-L2	Mineral	fee		1500 0.33	Sharron Springs	2363
API	05-095-06246-00				2000 0.71	Niobrara Chalk	2410
Location	Lot 2, NWNE, Sec. 5 T8N-R43W				2300 1.05	Beecher Island	
BHL					2600 0.88	Carlile	
Field	Amherst					TD	2703
Unit							
County	Phillips						
State	Colorado						
GL	3681						
KB	3693						
Spud Date	12/20/2010						
Completion date	2/4/2011						
First gas sales							

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/ 120 sk Portland 1/11 ASTM C 150 Cement and displace w/729 gal of water Cir 11 brls cement to the pit.. 30 ft cement left in the 7" sp. Pumped by Schaal drilling. Plug down 1:15 PM 8/31/2010

Producing ZONE	Niobrara	Hole Size	9 7/8		
		Surf Casing	7" 20#	12 jts meas 458.45	
		Shoe		458.45	
	0	Hole Size	6 1/4		
		Prod csg	4 1/2 11.6#	62 jts meas: 2678.64	

TOC 1,450

Cement Design

Rig up ADT Cementers and cement w/90 sks type 1 neat cement . Displace w/41 brls water. Plug down @ 12:30 pm on 12/22/2010 held ok

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel 50,000 #16/30 Arizona sand and 50,740 # 12/20 Daniels sand for a total of 100,740 # sand. 60 tons CO2. 546 BLWTR. 5 MIN- 606 PSI 10 MIN-582 PSI. 15 MIN -575 PSI . MAX RATE 13.8 AVG RATE 9.3 MAX PSI- 1031 AVG PSI 728 isip-677 psi

tubing detail

3/15/2011
73 jts 2 3/8 2349.14
1 sn 2 3/8 1.10
1 jt 2 3/8 32.18
total tbg 2382.42
kb 12.00
btm tbg @ 2394.42

FLAG JT 2181-2203

Perforations

2410-2426 W/ 4SPF
16 TOTAL FT
64 TOTAL SHOTS

PBTD 2,646.97
Csg shoe 2,678.64

TD 2,703

Comments

<u>Date</u>	<u>Completion history</u>
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