

ATLAS RESOURCES, LLC

Prepared by: Maddie Lariviere		WI	SURVEYS:		Geological tops
Lease	DIRKS	NRI	500	0.5	Surface 3722
Well Number	844-1-11-L4	Surface	1000	0.38	Pierre Shale 345
API	05-095-06	Mineral	1500	0.94	Sharron Springs 2408
Location	NESW, Sec. 1 T8N-R44W		2000	1.41	Niobrara Chalk 2455
BHL			2600	1.86	TD 2680
Field	Amherst				
Unit					
County	Phillips				
State	Colorado				
GL	3722				
KB	3734				
Spud Date	9/30/2011				
Completion date	10/19/2011				
First gas sales	1/3/2012				
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/ 114 sk Portland 1/11 ASTM C 150 Cement and displace w/626 gal of water Cir 5 brls cement to the pit. 50 ft cement left in the 7" sp. Pumped by Schaal drilling. Plug down 1:15 PM 9/30/2011				
Producing ZONE	Niobrara	Hole Size	9 7/8		
		Surf Casing	7" 17#	12 jts meas 467.57	
		Shoe		479.57	
		Hole Size	6 1/4		
		Prod csg	4 1/2 10.5#	64 jts meas: 2656.78	
		TOC	1,870		
Cement Design	Rig up ADT Cementers and cement w/80 sks type 1 neat cement . Displace w/ 41.7 brls water. Plug down @ 2:45 am on 10/19/2011 held ok				
Stimulation Treatment	Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel 50,020 #16/30 Daniels sand and 50,340 # 12/20 Texas Gold sand for a total of 100,360 # sand. 59.57 tons CO2. 553 BLWTR. 5 MIN- 641 PSI 10 MIN-682 PSI. 15 MIN -644 PSI . MAX RATE 14.1 AVG RATE 7.5 MAX PSI- 1230 AVG PSI 662 isip-629 psi				
					Perforations
					2455-2470 W/ 6SPF
					16 TOTAL FT
					90 TOTAL SHOTS
					PBTD 2,626.63
					Csg shoe 2,668.78
					TD 2,680