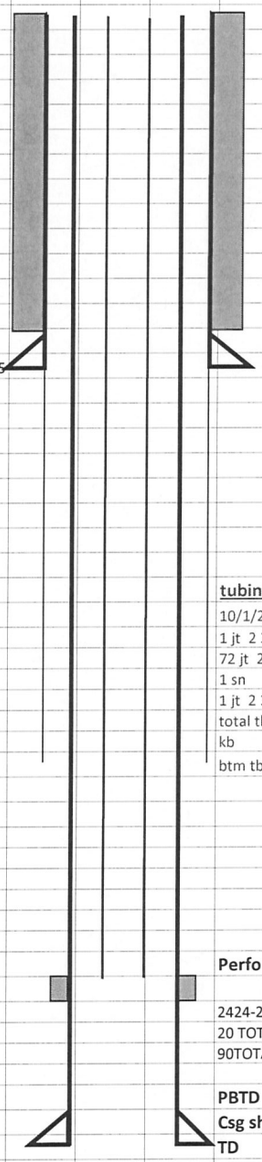
ATLAS ROCKIES, LLC

Date:	12/11/2010				**SURVEYS:**					**Geological tops**	
Prepared by:	Billy Hataway				500	0.4				Surface	**3708**
Lease	Brinkema	**WI**			750	0.57				Pierre Shale	340
Well Number	943-31-44	**NRI**			1000	0.6				Sharron Springs	2377
API	**05-095-06162-00**				1250	1.31				Niobrara Chalk	2422
Location	**NWNE, Sec. 31- T9N-R43W**				1500	1.97				Beecher Island	
BHL					2000	1.95				Carlile	
Field	Amherst				2500	1.56				**TD**	2710
Unit					2625	1.26					
County	Phillips										
State	Colorado										
GL	3685										
KB	3720										
Spud Date	1/0/1900	**Hole Size**	9 5/8								
Completion date		**Surf Casing**	7" 17#	11 jts meas 455.35							
First gas sales											
SURFACE CEMENT											
	Cement w/ 120 sk Portland 1/11 ASTM C 150 Cement										
	displace w/ 742 gal water	Cir 7 brls cement to									
	the pit.. 30 ft cement left in the 7" sp. Pumped by Schaal										
	drilling. Plug down @ 2:30 pm	11/30/2010									
PRODUCING ZONE	Niobrara										
				11 jts 7" 17#							
				meas 455.35							
			Shoe	467.35							
Surface	fee										
Mineral	fee										
		Hole Size	6 1/4								
		Prod csg	4 1/2 11.6#	70 jts meas 2669.36							
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										**tubing detail**	
										10/1/2010	
										1 jt 2 3/8	
										72 jt 2 3/8	
										1 sn	
										1 jt 2 3/8	
										total tbg	
										kb	
			TOC							btm tbg @	
			Good bond								
CEMENT DESIGN											
	Rig up ADT Cementers and cement										
	w/75 sks type 1 neat cement .										
	Displace w/39.8 brls water.										
	Plug down @ 10:15 am on 12/2/2010										
	held ok										
										Perforations	
Stimulation Treatment											
	Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel									2424-2440 4spf	
	50,100 #16/30 Daniels sand and 50,020 # 12/20 Daniels sand for a									20 TOTAL FT	
	total of 100,120 # sand. 60 tons CO2. 533 BLWTR. 5 MIN- 538 PSI									90TOTAL SHOTS	
	10 MIN-536 PSI. 15 MIN -535 PSI	Max rate 13.8 avg rate 10.1									
	MAX PSI- 1052 AVG PSI 626	isip @630 psi								**PBTD**	2,636.08
										Csg shoe	2,681.36
										TD	2,710
Comments											
Date	**Completion history**