ATLAS ROCKIES, LLC

Date:	11/11/2010	**WI**		**SURVEYS:**			**Geological tops**	
Prepared by:	Billy Hataway	**NRI**		500	0.56		Surface	**3701**
Lease	OLSON	**Surface**	**fee**	1000	0.85		Pierre Shale	335
Well Number	943-31-14	**Mineral**	**fee**	1500	0.76		Sharron Springs	2371
API	**05-095-06163-00**			1750	0.45		Niobrara Chalk	2400
Location	**SWSW, SEC 31-T9N-R43W**			1825	0.79		Beecher Island	
BHL				2000	1.71		Carlile	
Field	Amherst			2125	1.84		**TD**	2715
Unit				2250	2.23			
County	Phillips			2500	2.20			
State	Colorado			2625	1.99			
GL	3701							
KB	3713							
Spud Date	8/31/2010							
Completion date	9/15/2010							
First gas sales	9/23/2010							
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/ 111 sk Portland 1/11 ASTM C 150 Cement							
	and displace w/722 gal of water	Cir 6 brls cement to						
	the pit.. 50 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 5/8					
		Surf Casing	7" 17#	12 jts meas 463.95				
			Shoe	475.95				
		Hole Size	6 1/4					
		Prod csg	4 1/2 11.6#	66 jts meas: 2686.56				
			TOC	1,820				
			Good bond	1,830				
Cement Design								
	Rig up ADT Cementers and cement							
	w/77 sks type 1 neat cement .							
	Displace w/41.1 brls water.							
	Plug down @ 8:00 am on 9/2//2010							
	held ok							

tubing detail

9/29/2010	
73 jts 2 3/8	2361.75
1 sn 2 3/8	1.10
1 jt 2 3/8	32.4
total tbg	2395.25
kb	12.00
btm tbg @	2407.25

FLAG JT	2307-2329

Perforations

2418-2428 W/ 6SPF	
2428-2438 W/3SPF	
20 TOTAL FT	
90 TOTAL SHOTS	

PBTD	2,658.02
Csg shoe	2,699.56
TD	2,715

Stimulation Treatment

Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel
50,040 #16/30 Daniels sand and 50,000 # 12/20 Daniels sand for a
total of 100,040 # sand. 60 tons CO2. 546 BLWTR. 5 MIN- 678 PSI
10 MIN-647 PSI. 15 MIN -616 PSI . MAX RATE 14.0 AVG RATE 8.3
MAX PSI- 891 AVG PSI 658 isip-640 psi

Comments

Date	Completion history