

Date:	1/24/2011	WI		SURVEYS:	250	0.98	Geological tops	3701
Prepared by:	Maddie Lariviere	NRI			500	1	Pierre Shale	350
Lease	OLTJENBRUNS STATE	Surface	fee		1000	1.1	Sharron Springs	2377
Well Number	944-36-43	Mineral	fee		1500	1.97	Niobrara Chalk	2424
API	05-095-06231-00				2000	1.30	Beecher Island	
Location	NESE, Sec. 36 T9N-R44W				2500	1.3	Carlile	
BHL					2625	1.2	TD	2700
Field	Amherst							
Unit								
County	Phillips							
State	Colorado							
GL	3701							
KB	3713							
Spud Date	1/6/2011							
Completion date	2/11/2011							
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/637 gal of water Cir 6 brls cement to the pit. 50 ft cement left in the 7" sp. Pumped by Schaal drilling. Plug down 1:00 PM 1/6/2011							
Producing ZONE	Niobrara	Hole Size Surf Casing	9 7/8 7" 20# Shoe	11 jts meas 454.89 466.89				
	0	Hole Size Prod csg	6 1/4 4 1/2 11.6#	64 jts meas: 2676.58				
Cement Design	Rig up ADT Cementers and cement w/100 sks type 1 neat cement . Displace w/41 brls water. Plug down @ 3:30 pm on 1/10/2011 held ok							
Stimulation Treatment	Frac Niobrara with Maverick Stimulation using 28 # crosslinked gel 50,020 #16/30 Arizona sand and 50,340 # 12/20 Texas Gold sand for a total of 100,360 # sand. 60 tons CO2. 542 BLWTR. 5 MIN- 646 PSI 10 MIN-617 PSI. 15 MIN -604 PSI . MAX RATE 13.9 AVG RATE 7.3 MAX PSI- 1241 AVG PSI 748 isip-707 psi							
Comments								
Date	Completion history							