



Petroleum Development Corporation  
Miller Deppe 1  
NENW Sec 13-T5N-R64W  
Weld

Lyco Niobrara  
Refrac

Current Production:  
13 MCFE/Day

0  
9/22/2006

API#: 13057

GL Elevation: 4590'  
KB Elevation: 4601

Surface Casing:  
302

Production Casing:  
5.5" 17#

Longstring Cement:  
250 sx Tail  
0  
0  
0

Top of Cement:  
5760

Current Tubing In Hole:  
223 jts 2 3/8" @ 6710' ?  
0  
0

PBTD: 6806  
Casing TD: 6850'

Perforations:	
Old:	Codell: 6724-6728' 2 spf
	Ft Hayes: 6690-6720' 1 spf
	Nio C: 6608-6635
	Nio B: 6530-6553'
New:	Nio A: 6428-6444'
	Nio A: 6442-6446' 1 spf
	Nio B: 6538-6552' 3 spf
	0
	0

NOTES

Procedure: PU production tbg, RIH with additional jts to clean out to PBTD, Tally OOH with production string to be certain of depth. RIH with bit & scraper to PBTD, POOH with bit & scraper. TIH with CIBP and set in the C bench of the Niobrara (See CBL). TIH and dump bale 2 sx of cement on top of CIBP. RIH with Nuex & perforate the Niobrara where indicated (See Density log). RIH with packer and 2 7/8" frac string set @ +/- 6000'. Pressure test casing to 1000 psi. Prepare well for stimulation on following day. **Note: The Codell is going to be abandoned.**