

WELL NAME:	WELLS RANCH #43-14					OPERATOR:	BONANZA CREEK ENERGY OPERATING CO				
FIELD:	WATTENBERG					FORMATION:	NIOBRARA-CODELL				
SHL:	qtr-qtr	NESE	Section	14	Township	5N	Range	63W			
BHL:	qtr-qtr	NESE	Section	14	Township	5N	Range	63W			
COUNTY:	WELD		STATE:	CO		API:	05-123-23377-00				

not to scale	
GROUND LEVEL:	4630'
KELLY BUSHING:	4640'
SPUD DATE:	12/20/2005
TD DATE:	12/30/2005

8 5/8" csg @
402'

SURFACE CASING	
SIZE:	8 5/8"
WEIGHT:	N/A
HOLE SIZE:	11"
HOLE DEPTH:	402'
CSG DEPTH:	402'
CEMENT:	285 SKS
TOC:	SURFACE

PRODUCTION CASING	
SIZE:	4 1/2"
WEIGHT:	N/A
HOLE SIZE:	7 7/8"
TOTAL DEPTH TVD	6742'
TOTAL DEPTH MD	6742'
CSG DEPTH:	6722'
CEMENT:	170 SKS
TOC:	5682'

STAGE CEMENT 1ST STRING 1	
CEMENT	280 SKS
CEMENT TOP:	2618'
CEMENT BTM:	5682'

PRODUCTION TUBING	
SIZE:	2-3/8"
WEIGHT:	N/A
DEPTH:	6544'
TBG SET DATE:	8/21/2008

FORMATION TOPS & PERFORATIONS	
NIOBRARA MD	6303'
PERFORATIONS	6308' - 6396'
CODELL MD	6556'
PERFORATIONS	6558' - 6566'

FRAC DATA
1/13/2006: CODEL - BJ SERVICES FRACED USING 2574 BBL OF 20# VISTAR GEL, 217,300# OF 20/40 FRAC SAND, AND 8000# OF SUPER LC 20/40 RESIN COATED SAND
8/11/2008: NBRR - PERF'D NBRR "A"6308-6312 (8 HOLES) &NBRR"B"6388-6396(24HOLES) FRAC'D NBRR W/ 24 BBLS OF 15%HCL,1668 BBLS SLICKWATER PAD,146 BBLS OF SILVERSTIM 22#PAD, 2211 BBLS OF SILVERSTIM 22# FLUIDSYSTEM, 238720 LBS 30/50 WHITE SAND & 12000 LBS OF SBEXCEL 20/40 RCP

EOT 6544'

Production Csg @ 6722'
MD 6742'