

WELL NAME:	WELLS RANCH #13-14				OPERATOR:	BONANZA CREEK ENERGY OPERATING CO	
FIELD:	WATTENBERG				FORMATION:	CODELL	
SHL:	qtr-qtr	NWSW	Section 14	Township 5N	Range	63W	
BHL:	qtr-qtr	NWSW	Section 14	Township 5N	Range	63W	
COUNTY:	WELD		STATE:	CO		API:	05-123-23384-00

not to scale	
GROUND LEVEL:	4640'
KELLY BUSHING:	4650'
SPUD DATE:	12/2/2005
TD DATE:	12/5/2005

8 5/8" csg @
404'

SURFACE CASING	
SIZE:	8 5/8"
WEIGHT:	24#
HOLE SIZE:	11"
HOLE DEPTH:	404'
CSG DEPTH:	404'
CEMENT:	270 SKS
TOC:	SURFACE

PRODUCTION CASING	
SIZE:	4 1/2"
WEIGHT:	11.6#
HOLE SIZE:	7 7/8"
TOTAL DEPTH TVD	6805'
TOTAL DEPTH MD	6805'
CSG DEPTH:	6758'
CEMENT:	155 SKS
TOC:	6016'

PRODUCTION TUBING	
SIZE:	2-3/8"
WEIGHT:	N/A
DEPTH:	6575'
TBG SET DATE:	2/11/2006

FORMATION TOPS & PERFORATIONS	
CODELL MD	6582'
PERFORATIONS	6586' - 6592'

STAGE CEMENT 1ST STRING 1	
CEMENT	280 SKS
CEMENT TOP:	2529'
CEMENT BTM:	6016'

FRAC DATA
BJ SERVICES FRAC'D USING 2605 BBL OF 20# VISTAR GEL, 217,940# OF 20/40 FRAC SAND & 8000# OF SUPER LC 20/40 RESIN CATED SAND.

EOT 6575'

Production Csg @ 6758'
MD 6805'