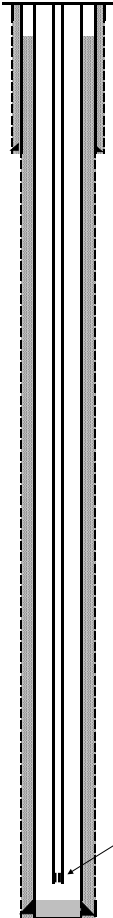


WELL NAME:	SHABLE #32-44				OPERATOR:	8 NORTH LLC	
FIELD:	GROVER				FORMATION:	J SAND	
SHL:	qtr-qtr	SESE	Section	32	Township	11N	Range 61W
BHL:	qtr-qtr	SESE	Section	32	Township	11N	Range 61W
COUNTY:	WELD	STATE:	CO		API:	05-123-30122	

not to scale	
GROUND LEVEL:	5074'
KELLY BUSHING:	5086'
SPUD DATE:	7/13/2009
TD DATE:	7/16/2009

8 5/8" csg @  
1021'



SURFACE CASING	
SIZE:	8 5/8"
WEIGHT:	24#
HOLE SIZE:	12 1/4"
HOLE DEPTH:	1021'
CSG DEPTH:	1021'
CEMENT:	545 SKS
TOC:	SURFACE

PRODUCTION CASING	
SIZE:	5 1/2"
WEIGHT:	17#
HOLE SIZE:	7 7/8"
TOTAL DEPTH TVD	N/A
TOTAL DEPTH MD	7706'
CSG DEPTH:	7706'
CEMENT:	974 SKS
TOC:	117'

PRODUCTION TUBING	
SIZE:	2-7/8"
WEIGHT:	6.5#
DEPTH:	7589'
TUBING SET DATE:	11/8/2013

FORMATION TOPS & PERFORATIONS	
J SAND MD	7500'
PERFORATIONS	7504' - 7550'

FRAC DATA

J SAND PERFS: 7504-7530', AND 7542-7550'. FRAC'D J-SAND W/4000#100 MESH, 340,000# 20/40, AND 20,000# 20/40 SB EXCEL SAND USING 100,244 GAL 22# LPHZ