

# WELLBORE DIAGRAM

Proposed WBD

990' FNL 990' FWL

Operator: Great Western Oil & Gas C  
 Well Name: Erica #1  
 Lease Number: \_\_\_\_\_  
 Location: NWNW, 34 T2N R66W  
 Field: Wattenberg J  
 County, State: Weld Co., CO  
 API Number: 05-123-09996  
 Diagram Date: 11/12/2013  
 Lat/Long \_\_\_\_\_

Current Conditions in Black  
 Proposed Conditions in Red

**KB ' 5005**

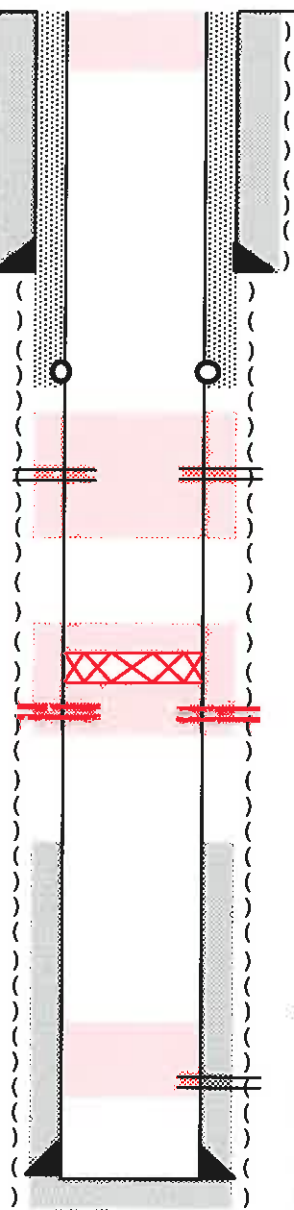
**GL ' 5004**

Cut and Cap 4' below Ground Level  
 10 Sx at surface.

Balanced Plug & Squeeze across the  
 Casing part from 900' to 1,200'  
 ~150 sx, Tag Plug

Perf & Squeeze 70 sx @ 4,750'  
 Under CICR @ 4,700'  
 100' of cement on the CICR

Squeeze 30 sx into the J-Sand  
 Perforations  
 Leave 100' of cement in the casing  
 Tag Plug



Spud Date: 7/17/1980  
 Date TD Reached: 7/28/1980  
 Completion Date: 1/5/1981

Producing Formation: J Sand

12 1/4" Hole  
 8 5/8" 20# set at 214'  
 200 sx Regular + 2.4% CaCl2

4-1/2" casing sleeve @ 791'  
 Anjel Fox Hills with 1,500 gal

Hole in casing at ~1,100'

**Formation Tops**

<b>Fox Hills Base</b>	<b>730</b>
<b>Sussex</b>	<b>4,747</b>
<b>Niobrara</b>	<b>7,170</b>
<b>J Sand</b>	<b>7,918</b>

7 7/8" Hole  
 4 1/2" 10.5# & 11.6# csg set at 8109'  
 Cmt'd w/250sx 50/50 POZ, 10% salt  
 20% silica flour, 2% gel  
 TOC @ 6810' (CBL)

**J Sand Perfs**

7925-7931 = 7 holes, 0.4"  
 7943-7949 = 7 holes, 0.4"  
 7969 = 1 hole, 0.4"  
 7971 = 1 hole, 0.4"

750 gal 7-1/2 NE acid, 25,000 gal pre-pad,  
 25,000# 100 mesh, 476,000# 20/40 ss in  
 169,000 gal, w/60T CO2

**PBTD = 8070'**  
**TD = 8118'**