



WELLBORE DIAGRAM
PROPOSED RE-ENTRY P&A

1650' FNL 1050' FEL

Operator: Great Western Oil & Gas Company
 Well Name: Beierle #1
 Lease Number: _____
 Location: SENE Sec. 26 1N 66W
 Field: Wattenberg
 County, State: Weld Co., CO
 API Number: 05-123-10372
 Diagram Date: 9/29/2014
 Lat/Long: 40.025019/-104.738827

**Current conditions in Black
 **Proposed conditions in Red

*Bring 9-5/8" back to surface
 *Clean out and bring 4-1/2" back to surface

Cut and cap 5' below ground level

10 sx 50/50 POZ @ surface
10 sx @ surface

Fox Hills = 1215'

Anjel Sleeve of 500 gal at 1375'

Sussex= 4762'

Niobrara = 7234'

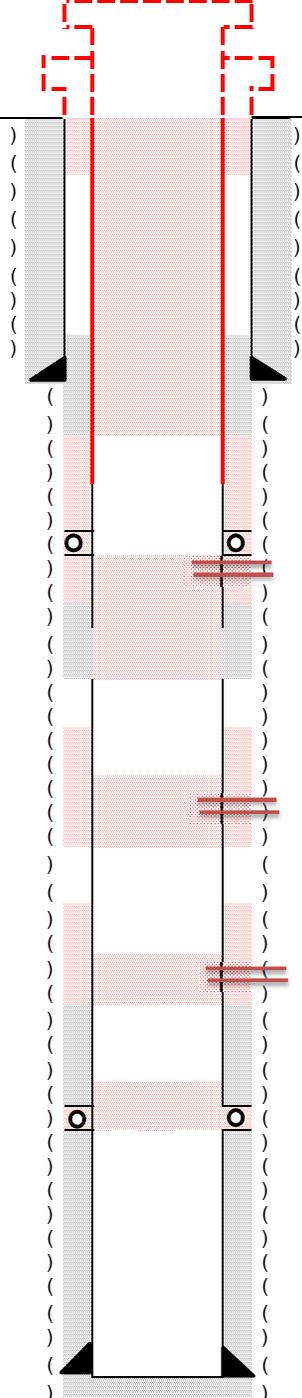
TOC = 7370' from CBL

Fort Hays= 7608'

Carlile = 7630'

D Sand = 8010

J Sand = 8075



KB' 5108

GL' 5096

Spud Date: 9/19/1981
 Completion Date: 3/30/1982

Producing Formation: J Sand

Surface Casing

9-5/8" 36#, J-55 Surf CSG set @ 810' (12-1/4" Hole)
 Cmt'd w/ 325 sks 50/50 pos-mix
 Set at 185' (COGCC has incorrect completion report for the A-1 with 810')

20 sx balanced plug @ 185'

20 sx 50/50 POZ @ 185' or Shoe plug
 Pull 4-1/2" casing from 225'

Perf & Squeeze @ 1,350' (close backside, no packer)
375 sx, estimate TOC @ 225'
0:1:0 'G' + additives = 1.15 cf/sx yield, 20% washout

Cmt plug 2900'- 2759', 30 sx 50/50 POZ
30 sx balanced plug across the casing part @ 2,900'
 Parted casing @ 2902'
 Attempted to set with alignment tool through part, cmt w/ 350 sks, failed.
 Top of bottom string 2911'
 Drill out cement and find tubing outside of casing

Perf & Squeeze @ 4,760' (close backside, no packer)
150 sx, estimate TOC @ 4,310'
0:1:0 'G' + additives = 1.15 cf/sx yield, 20% washout
Leave 10 sx in the casing

Perf & Squeeze @ 7,350' (close backside, no packer)
150 sx, estimate TOC @ 6,900'
0:1:0 'G' + additives = 1.15 cf/sx yield, 20% washout
Leave 10 sx in the casing

Squeeze 30sx into the J-Sand Perfs
Leave 10sx in the casing
0:1:0 'G' + additives = 1.15 cf/sx yield

J Sand Perfs

8084' - 8092' (37 .38" holes) @ 1 SPF

J Sand frac treatment totals: Total Fluid Pumped 117,800 gal - 3/30/1982

Spearhead 300 gal acid 3/29/1982. Fluid- Apollo 40 and 30 gel with CO2
 320,000# 20/40 sand

Production Casing

4-1/2" 10.5, 11.6#, N-80 CSG set @ 8219' (7-7/8" Hole)
 Cmt'd w/ 325 sacks to 7370'

TVD = 8190 PBTVD = 8159
 MD = 8190 PBMD = 8159