

CPC Ulrich 21-2 Well
NE NE Section 21, T 4N, R 65W
Wattenberg Field, Weld County, Colorado
7250' Codell/Niobrara; Elev: 4797' GR
Tower Drilling; WI: T-K, 85-A

3/15/86 Spud well @ 4:30pm

3/16/86 Drls @ 1188' w/wtr; made 1188' in 6 1/2 hrs.
Bit #1 - 12 1/4" SDF, out @ 302'
Bit #2 - 7 7/8" HF-11 in
Survey: 1/4 @ 302'
Ran 7jts 8 5/8" csa to 295'KB, cmt'd w/220sx Res w/3% CaCl, 2%
sel; PD 6:45pm on 3/15/86 - good returns.

3/17/86 Drls @ 4032' w/wtr; made 2844' in 20 hrs.
Bit #2 out @ 3917'
Bit #3 - 7 7/8" S-1 in
Surveys: 1/4 @ 1519'; 3/4 @ 2511'; 1 3/4 @ 3917'

3/18/86 Drls @ 5502' w/wtr; made 1470' in 21 hrs
Surveys: 2 1/4 @ 4220', 2 @ 4408', 2 @ 4658', 2 @ 4999', 1 1/2
@ 5502'

3/19/86 Drls @ 6833'; made 1331' in 24 hrs.
MW 9.1, vis 36, pH 9.0
Bit #3 still in.

3/20/86 Depth 7181', trippings; made 348' in 12 1/4 hrs
MW 9.2, vis 34
Bit #3 out @ 7119'
Bit #4 - 7 7/8" FDS in

3/21/86 Depth 7265' TD; made 146' in 2 1/2 hrs.
MW 9.4, vis 60, WL 5.8, pH 9.0
Survey: 3/4 @ 7265'
Lossed well - Evaluation:
Codell - Productive: 16' > 10% porosity; 13' >
12% por; max por 20.5%.
Niobrara - Productive: 63' > 12% por. & 20 ohms
Ran 216jts Hydril 12.75# C-75 csa & 1jt 8rd, 15.1# grade E fl.
4 X-overs to 7264' KB; cmt'd w/230sx Class G w/18% salt & 35%
silica flour; PBTD 7228'; PD 1:00pm.

3/27/86 MIRU Gunter Well Service; WIH w/bit & scraper on WS, washed
well out to PBTD; swabbed well dry; POOH & LDWS; RDMO.

4/2/86 Dumped 2000gal 10% Acetic acid; RU & perf'd Codell & Niobrara
as follows w/Penco DML 10a charges: 7162', 7160', 7158', 7156',
7152', 7150', 7040', 7026', 7018', 6963', 6959', 6955', 6945',
6970', 6864', 6858'; PBTD 7203'; RDMO.