



## WELL DATA

RECEIVED  
JUN 25 1976  
COLO. OIL & GAS CONS. COMM.

Operator Stream Inc.  
Well Name Hall State #1  
Location CSE NW Section 24, T-8-N, R-51-W  
Elevation 4221 GL, 4231 KB  
Casing Ran 4 jts. 174', 8-5/8"-24#, Set @ 184'/w 160 sx reg 3% cc,  
plug down 3/5/76, 10:30 PM  
Contractor Exeter Drilling Co.  
Commenced March 5, 1976  
Completed Plugged and Abandoned, March 9, 1976  
T. D. 4660 DPM, 4661 Schlumberger  
Meas. All Measurements taken from KB  
Surveys Schlumberger IES and Compensated For Density Logs  
DST'S No DST'S

## FORMATION LOG TOPS

Niobrara - 3554 (3552)  
Ft. Hays - 3888  
Carlile - 3936  
Greenhorn - 4170

Bentonite - 4288  
"D" Sand - 4380 (-149)  
"J" Silt - 4466  
"J" Sand Silt - 4482 (-251)  
"J" Porosity - 4512 (-281)  
Total Depth - 4661 (-430)

*file*



# SAMPLE DESCRIPTION

3550-60	sh gry
70	sh, dk gry, scatt bent, lt gry to wht
90	sh, dk gry, speck, carb
3410	Same w/ 3-5% sh gry, speck lmy (Top Niobrara)
30	sh gry, 10-15% sh gry speck lmy, scatt bent lt gry & wht
50	Same w/ 25% sh, gry, speck lmy
90	sh gry, 50-60% sh gry, speck lmy to v lmy
3720	Same w/ sl odor of gas
3890	Same more lmy, sl odor gas
3900	Same w/ tr ls wht fx (Top Ft. Hays ls)
20	sh gry, speck & lmy ip, 5% ls wht fx Trin NB @ 3930
4000	sh gry, aa, 7-10% ls wht fx
4100	sh gry, Nio. recirc., 10-20% ls wht fx
90	sh gry, 5% ls, wht fx
4200	sh gry, 2% ls wht fx, 5% ls, brn mx, foss ip, (Top Greenhorn ls)
30	Same w/ 2% ls brn mx, sl sdy
4250	Same w/ 5% ls brn, gry brn, mx sdy
4375	sh gry, scatt recirc., Greenhorn, Niobrara & Ft. Hays
4415	Same, abd Greenhorn ss
20	sh gry, scatt recirc. material tr ss lt gry fg to v fg tite NS Top "D" Sand
25	sh gry, 15% ss, lt gry, fg to v fg carb tight NS, tr ss lt gry tan fg, fairly friable, good P&P stain & fl
30	sh gry, 10% ss, lt gry to gry fg to v fg, carb ip, tight NS
35	sh gry, 15% ss, lt gry, fg v fg, carb ip, tight, 1 piece w/ fl & stain
40	sh gry, 17% ss, lt gry to buff, fg, v fg, carb ip NS No fl, some some of ss may be gassy
45	Same w/ tr chert milky, tr ss fg to cse gr tight detrital, no shows
50	sh gry, 20% ss, lt gry, fg & mg, fair P&P, No fl, gas bubbles, tr chert milky
75	sh gry, 20% ss, lt gry, fg, sl carb, tight, for most part, some gas bubbles on fr break, poor P&P no fl
80	sh gry, 5% ss, lt gry to gry, v fg, carb ip NS
85	sh gry, 20% ss, lt gry, fg v fg, sl carb ip, tight, NS
90	Same 10% ss aa NS
95	sh gry, 5% ss, mg cse gr, detrital, NS
4500	sh gry, scatt ss aa, 5% ss, lt gry dirty gry, mg to cse gr detrital, poss J Silt
05	sh gry, 10% ss, lt gry, fg, v siliceous, hard tight NS, speckled
10	sh, gry, 10% ss dirty gry, fg & mg, carb ip NS, tite
20	Same 5-10% ss as 2 above samples tite NS Trip NB 4522
25	sh gry abd bent, lt gry & rusty, abd mg loose sd grns
30	sh gry, abd bent, lt gry, brn ip, tr ss abd loose sd grns, mg
35	sh gry, abd bent, tr chert & cherty ss, abd loose sd grns
40	sh gry, tr ss, lt gry, gry fg, tite, NS, tr ss, cse gr cherty, NS abd bent aa
45	sh gry, 10% ss, lt gry, gry, fg, sl carb tight NS (Top J Sand) tr ss, lt gry mg, well rd, friable good P&P NS, loose sd grns



# SAMPLE DESCRIPTION (Cont.)

- 4545-50 sh, gry, abd recirc material, bent, wht & yellow  
tr ss, lt gry, mg sucrose, fairly friable, small amt ss  
w/fl, 5% ss, lt gry to gry, fg & mg, speckled, fria ip
- 55 sh, gry, 15% ss, gry fg & mg, speckled, 3% ss, lt gry,  
mg to cse gr, siliceous, v hard, tr ss, lt gry fg &  
mg fria, abd loose sd grns
- 60 same, decrease in net ss
- 65 sh, gry, 3% ss, gry fg, speck, tr ss, lt gry to  
wht, mg & cse gr, ang to s ang, kao filled, NS  
tr chert
- 70 sh, gry, 2% ss, lt gry to gry, fg to cse gr, poor  
p&p NS, hard tight, tr ss, lt gry brn fg, friable  
stain & fl, abd loose sd grns
- 75 sh, gry, 2% ss, lt gry, fg to vfg, tight, NS, chert,  
5% ss, lt gry, mg cse gr, poorly sorted, loose sd  
grns, kao filled ip, & siliceous, ip, also speckled  
tr pyrite
- 80 same Trip for New Bit at 4582
- 85 sh, gry, 15% ss, lt gry to gry, fg to vfg, speckled,  
tight, NS, tr ss, lt gry, fg & mg, good p&p, NS
- 90 sh, gry, 5-10% ss, lt gry to gry, fg to cse gr  
loose sd grns, appears to be alt sh breaks & ss
- 95 sh, gry, 50% ss, lt gry to dirty gry, mg, speckled,  
siliceous, hard tight, NS abd loose sd grns
- 4600 sh, gry, ss same aa, some interg filling, hard  
tight, NS abd loose sd grns
- 05 sh, gry, 35% ss aa, abd loose sd grns, mg to cse gr
- 10 sh, gry, 40% ss, lt gry to dirty gry, speckled, mostly  
mg, hard tight, ctgs finer, abd loose mg & cse gr ss grns,  
some well rounded
- 15 sh, gry to lt gry, 15% ss, lt gry, fg to mg, speckled,  
siliceous, hard tight, NS, 20% bent, wht & rusty, tr py
- 20 same, ctgs finer, 25-30% bent aa, bit prob wearing out  
Trip for New Bit at 4623
- 25 sh, gry to dk gry, scatt recirc material
- 30 sh, gry, tr ss, lt gry & wht cf
- 40 sh, gry to dk gry, 3% ss, gry, mg, speckled, poss recirc.,  
scatt recirc Niobrara, carb sh
- 45 sh, gry, 20% sh, dk gry, tr ss, gry mg, speck.
- 50 sh, gry, to dk gry, tr ss, gry fg, tr ss, gry, mg
- 60 sh, gry, to dk gry
- 60 30 min. circulation sh, gry to dk gry, splintery, scatt  
bent, wht & rusty
- 60 1 hour circulation sh, lt gry & dk gry, splintery
- 4660 Total Depth





## DISCUSSION

Stream Inc., Hall State No. 1, located in the SE NW of Section 24, lies approximately 1/4 mile southwest of the Sundance No. 1 Uhler and 1/2 mile Northeast of the L. W. Winkler, State #1, both dry holes which tested the "J" Sand. The No. 1 Hall was found to be structurally 2 feet high on the top of the "D" Sand and 2 feet high on the top of the "J" Sand to the No. 1 Uhler, and the Hall State was low structurally 27 feet on the top of the "D" Sand and 14 feet on the top of "J" Sand to the Winkler No. 1 State dry hole.

Sample examination indicated the "D" & "J" Sand sections to be poorly developed with very slight shows of oil indicated by fluorescence.

Results of sample examination electric log evaluation and the relative structural position with respect to the nearest dry hole, indicated that the Stream Inc. Hall No. 1 would not produce oil or gas in commercial quantities, and it was therefore recommended that this well be plugged and abandoned.