



00226916

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COLO. OIL & GAS CONS. COMM.

WELL DATA

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)	Bentonite	-	4288
Ft. Hays	-	3888	"D" Sand	-	4380 (-149)
Carlile	-	3936	"J" Silt	-	4466
Greenhorn	-	4170	"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.