



VAUGHEY & VAUGHEY, ET AL

OIL & GAS
CONSERVATION COMMISSION

#1 HAMIL

LOCATION: CENTER NW/4 SE/4, SEC. 19-9N-52W, LOGAN COUNTY, COLORADO
ELEVATION: 3977 GR. 3989 KB TOTAL DEPTH: 4884'
SPUD DATE: 2-10-54 COMPLETION DATE: 2-22-54 D & A
CASING: SET 5 JTS. (153') 10-3/4" @ 163' WITH 125 SACKS.
CONTRACTOR: THE NEW DRILLING COMPANY

CORE DESCRIPTION (BIT RZ29623H 4-3/8" x 7-3/4")

CORE #1:

4565' TO 4594.5', RECOVERED 28'
TIME: 30-11-21-18-13-14-13-16-16-16-13-13-19-15-12-13-18-28-
29-28-22-12-40-39-39-24-22-20-30
3' 8" SHALE, DARK GRAY, WITH PAPER THIN GRAY SILTY SAND STREAKS.
2' SANDSTONE, HARD, DENSE, FINE GRAIN, SILTY, TIGHT, NO SHOW.
WITH PYRITE AND MANY THIN VERTICAL LIGNITIC AND CARBON-
ACEOUS STREAKS.
7' SHALE, GRAY, VERY SANDY, REWORKED WITH ABOUT 40% GRAY
SILTY SAND AND CARBON.
2' SHALE, HARD, DENSE, GRAY, SILTY.
1' SANDSTONE, SOFT, FRIABLE, LIGHT TAN, CLAY FILLED, SILTY.
NO SHOW.
1' SOFT GRAY SHALE.
3' 8" SANDSTONE, HARD, FINE GRAIN, GRAY, VERY TIGHT, LOW
PERMEABILITY, NO SHOW.
8" SHALE, BLACK, HARD.
7' SANDSTONE, FINE GRAIN, LIGHT GRAY, CLEAN, POROUS, FAIR
PERMEABILITY, WET.

CORE #2:

4670' TO 4692', RECOVERED 21', CUT 22'
4' 8" BLACK, CALCAREOUS, SHALE.
4" BENTONITE
2' SHALE, HARD, DENSE, GRAY, SANDY, WITH THIN RE-WORKED
LENSES OF SAND.
4' SHADY SAND, AS ABOVE, ABOUT 60% SAND
4' SHALE, GRAY.
2' 6" SANDY SHALE, GRAY.
2' SAND, FIRM, LIGHT GRAY, FINE GRAIN, NO STAIN, NO ODOR.
1' 6" SAND, FINE GRAIN, FIRM, BADLY FRACTURED, BROWN OIL
STAIN, SPOTTED, ROTTEN ODOR.

DST #1:

4684' TO 4692'
OPEN 1 HOUR, GOOD BLOW.
S.I.P. 15, I.F.P. 0, F.F.P. 350, S.I.P. 1325 15', HYDRO. 2750
RECOVERED 600' WATER.

2-8-54 MOVED IN RIG.
2-9-54 RIGGING UP
2-10-54 SPUDDED IN - SET SURFACE PIPE.
2-11-54 DRILLING 1578', SHALE
2-12-54 TD 3198', TRY TO WORK PIPE OUT OF HOLE.
2-13-54 3198', FISHING.
2-14-54 " "
2-15-54 " "
2-16-54 3284', DRILLING
2-17-54 4078' "
2-18-54 4587', CORE #1
2-19-54 4594', PULLING CORE #1

2-20-54 4683', CORE #2
2-21-54 4751', DRILLING
2-22-54 4889', TOTAL DEPTH, RUNNING SCHLUMBERGER. PLUGGED WELL.
D & A

RAN SCHLUMBERGER TO TOTAL DEPTH 4884' AND MICROLOG.

PLUGGING INFORMATION:

PLUGGED 4820' TO 4550' WITH 80 BAGS CEMENT
" 170' TO 150' WITH 10 " "
" 15' TO 0' WITH 10 " "

SCHLUMBERGER TOPS:

NIORARA - 3702'
GREENHORN - 4307'
BENTONITE - 4460'
BROWN LIME - 4467'
"D" SAND - 4558'
"J" SAND - 4676'
SKULL CREEK SHALE - 4815'

• VAUGHNEY AND VAUGHNEY

BY:

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