The Hunt Oil Company - Carl Overlee No. 3 well is located in the SW SW
of Section 30, T. 160N., R. 94W., Burke County, North Dakota. Elevations: 2375
G.L.; 2389 K.B.

The Hunt Oil Company - Carl Overlee No. 3 well was spudded October 18,
1958; drilled to a total depth of 11,512 feet; plugged back to 8,012 feet and
completed as a producing well in the North Tioga-Madison field.

Logs Run:
Laterolog-Gamma Ray
Microlaterolog
Sonic
Radioactivity

Cores:  None

Tests:
DST 1-7894-7914; Four hour test; shut in 45 minutes; Gas to surface in
ten minutes; Recovered 3,149 feet of fluid; 2,976 feet of highly gas cut clean
oil, 117 feet of oil cut mud and 56 feet of black sulphur water. Pressures: IF
1920, FF 4416, FH 4416, SIP 3262, BHT 206°F.

DST 2-9618-9720; Tool open 4 hours, shut in 1 hour. Tool opened with
fair blow increased to good blow in 5 minutes, good blow for 2 1/2 hours,
decomposed to weak blow in 3 1/2 hours, increased to strong blow in 3 1/2
hours, held strong for rest of test. Recovered 5,700 feet of fluid; 5,700 feet
of muddy salt water. Pressures: IF 96, FF 3010, IH 5430, FH 5385, SIP 4155,
BHT 230°F.

DST 3-9822-9920; Four hour test, 1 hour shut in. Tool opened with weak
blow, increased to strong blow in 5 minutes, held strong blow throughout test.
Recovered 6,328 feet of muddy salt water, loaded with salt crystals.
Pressures: IF 50, FF 2840, IH 5420, FH 5420, SIP 4260, BHT 232°F.

DST 4-10,973-11,005; Tool open 2 1/4 hours, shut in 1 hour. 5/8" bottom
and 1" top choke; 1,502 feet of water cushion. Tool opened with weak blow,
held weak for 1 3/4 hours, died. Recovered 1,502 feet of water cushion, 633
feet of muddy salt water with 88 feet of salt crystals. Pressures: IF 650, FF
1025, IH 6121, FH 6125, SIP 4250.

DST 5-11,360-11,400; Tool opened for 3 hours and 50 minutes, could not
close tool. Pulled packer loose and reopened tool and closed in okay for 1
hour. Shut in had tight place at 3,155 feet, worked packer through okay. Tool
opened with blow, held weak blow for 3 hours and 20 minutes and died.
Recovered 1994 feet of fluid, 1907 feet of water cushion, 87 feet of drilling
mud. Pressures: IF 830, FF 830, IH 6200, FH 6170, SIP 2610, BHT 250°F.
Casing:
9 5/8" at 603 feet with 385 sacks
4 1/2" at 8,088 feet with 1000 sacks

Completion:
Perforated the interval from 7926 to 7932 with 6 shots per foot, acidized with 500 gallons. Initial potential 84 barrels of oil, 16% water, 41.6° API, 885 GOR, flowing through 2 3/8" tubing, 12/64" choke, flowing pressure on tubing 425#, shut in pressure 1050#.

Formation tops were determined from samples and mechanical logs; tops were corrected to Laterolog-Gamma Ray tops. Not all formations were picked in the following list.

The samples were discontinuous from 6020 to 7020. These samples were logged but the depths have undoubtedly been mixed up somewhere in the process of sampling, drying or bagging of these samples.

FORMATION TOPS

Cretaceous System
Greenhorn Formation 4177
Mowry Formation 4464
Fall River Formation 4832
Jurassic System
Rierdon Formation 5596
Triassic System
Spearfish Formation 6164
Mississippian System
Kibbey Sandstone 6886
Kibbey Limestone 7022
Madison Group
Poplar interval 7178
Ratcliffe interval 7625
Frobisher-Alida interval 7900
Bakken Formation 9090
Devonian System
Three Forks Formation 9204
Birdbear Formation 9424
Duperow Formation 9521
Souris River Formation 9965
Dawson Bay Formation 10,307
Prairie Evaporite 10,458
Winnipegosis Formation 10,863
Silurian System
Interlake Formation 11,154

6020-6930 Dolomite, light brownish gray, very finely crystalline, dense.
6030-6040 Dolomite, very light brownish gray to light brownish gray, very finely crystalline, dense, limy.
6180-6190 Anhydrite, white to pale orange, granular; a little shale, moderate reddish brown, lumpy, slightly calcareous.
6270-6310 Siltstone, moderate reddish orange, calcareous, micaceous.
6360-6370 Siltstone, as above with scattered fine to medium, rounded sand grains.
6390-6400  Siltstone, as above.
6470-6480  Siltstone, as above.
6510-6520  Shale, moderate red to pale reddish brown, traces of dusky yellow and purplish gray, platy.
6630-6640  Shale, variegated, mostly moderate red and olive gray, platy.
6650-6660  Shale, as above.
6690-6700  Shale, light greenish gray, platy to lumpy, calcareous; variegated shale and limestone, very light gray, fine grained, dolomitic.
6720-6730  Sandstone, pinkish gray to moderate red, very fine to medium, rounded grains, silty, calcareous.
6770-6780  Sample, same as from 6690-6700.
6850-6860  Siltstone, moderate reddish orange to pale red, calcareous.
6860-6870  Dolomite, light gray, finely crystalline, argillaceous.
6870-6880  Siltstone, as from 6850-6860.
6890-6900  Anhydrite, very light gray to white, calcareous, solution cavities.
6920-6930  Sandstone, pinkish gray to pale red, very fine to medium grained, calcareous; siltstone, moderate reddish orange to pale red, calcareous.
6940-6950  Limestone, light gray, fine grained, anhydritic, many solution cavities.
6980-7000  Limestone, light brownish gray, very finely crystalline, dense, traces of fragmental texture.
7020-7040  Dolomite, very light brownish gray, granular.
7080-7110  Shale, variegated, platy.
7110-7170  Siltstone, moderate reddish orange, calcareous.
7170-7200  Dolomite, as from 7080-7110.
7200-7330  Dolomite, as above and anhydrite, white.
7330-7430  Limestone, light gray, very finely crystalline, fragmental.
7430-7450  Limestone, light brownish gray to light gray, very finely crystalline to fragmental, traces of oolitic texture.
7450-7550  Anhydrite, white; some limestone, as above.
7550-7630  Limestone, light brownish gray, very finely crystalline, dense.
7630-7650  Siltstone, moderate reddish orange, calcareous; a little sandstone, pinkish gray, fine to medium grained.
7650-7710  Limestone, light brownish gray, very finely crystalline.
7710-7715  Anhydrite, very light gray to white.
7715-7720  Limestone, light brownish gray, very finely crystalline.
7720-7750  Anhydrite, very light gray to white.
7750-7770  Anhydrite, as above; a little limestone, light brownish gray, fragmental.
7770-7775  Limestone, light brownish gray, fragmental.
7775-7780  Anhydrite, very light gray to white; limestone, very light gray, fine grained, anhydritic.
7780-7790  Limestone, light brownish gray, very finely crystalline, fragmental.
7790-7840  Limestone, as above; some anhydrite, very light gray to white.
**7840-7875**  Limestone, light brownish gray, very finely crystalline, dense.
**7875-7880**  Limestone, light brownish gray, finely crystalline, fragmental, fossiliferous.
**7880-7900**  Anhydrite, very light gray to white; some limestone, as above.
**7900-7910**  Limestone, very light brownish gray, fine grained, granular, slightly dolomitic, fragmental in part.
**7910-7920**  Limestone, light brownish gray, fine to medium crystalline, granular, dolomitic.
**7920-7950**  Limestone, yellowish gray, finely crystalline, fragmental.
**7950-8010**  Limestone, light brownish gray, very finely crystalline, dense.
**8010-8030**  Limestone, very light brownish gray to brownish gray, fine to medium crystalline, fragmental.
**8030-8045**  Limestone, light brownish gray, pelletoidal to fragmental with a finely crystalline matrix.
**8045-8100**  Limestone, light brownish gray, fragmental with a finely crystalline matrix.
**8100-8110**  Limestone, very light brownish gray to pinkish gray, microucrosic, dolomitic.
**8110-8190**  Limestone, light gray to light brownish gray, fragmental with a finely crystalline matrix.
**8190-8240**  Limestone, light gray to medium gray, fragmental with a finely crystalline matrix, slightly argillaceous.
**8240-8340**  Limestone, as above; some light gray; fossiliferous chert.
**8340-8370**  Limestone, light gray to medium light gray, fragmental with a finely crystalline matrix, siliceous.
**8370-8420**  Limestone, light gray to very light brownish gray, fragmental with a finely crystalline matrix; some chert, light brownish gray to light gray.
**8420-8860**  Limestone, light gray to medium gray, fragmental with a finely crystalline matrix, siliceous.
**8860-8880**  Limestone, very light brownish gray, fine grained, granular.
**8880-8930**  Limestone, light gray to medium gray, finely crystalline, argillaceous.
**8930-9040**  Limestone, light gray to medium light gray, fragmental, fossiliferous with a finely crystalline matrix, slightly argillaceous.
**8940-9010**  Limestone, light gray to medium gray, finely crystalline, slightly argillaceous.
**9030-9040**  Limestone, light gray to medium gray, finely crystalline, slightly argillaceous, some chert, medium gray.
**9050-9090**  Limestone, as above; chert, light brownish gray to light gray.
**9090-9130**  Shale, dark brownish gray, platy.
**9130-9190**  Siltstone, very light gray, calcareous.
**9190-9220**  Shale, dark brownish gray, platy, slightly calcareous; siltstone, very light gray, calcareous.
**9220-9240**  Dolomite, very pale orange, fine to medium crystalline, granular.
**9240-9270**  Dolomite, as above; traces of shale, light greenish gray, platy, contains pyrite.
**9270-9320**  Limestone, light gray to medium light gray, finely crystalline and shale, dark brownish gray.
**9320-9370**  Dolomite, very pale orange, finely crystalline, slight pinpoint porosity.
**9370-9440**  Shale, pale reddish brown, very calcareous; dolomite, as above.
9440-9470  Anhydrite, very light gray, dense; limestone, light gray to light brownish gray, finely crystalline, dense in part, granular in part.
9470-9520  Limestone, very light gray to very light brownish gray, fragmental with a finely crystalline matrix.
9520-9540  Limestone, light brownish gray, sublithographic in part, fragmental with a finely crystalline matrix in part.
9540-9630  Dolomite, very light brownish gray, microsucrosic.
9630-9675  Dolomite, very light brownish gray to brownish gray, microsucrosic; limestone, very light brownish gray, finely crystalline.
9675-9695  Limestone, very light brownish gray, finely crystalline; dolomite, as above.
9695-9710  Dolomite, very light brownish gray, microsucrosic to sucrosic.
9720-9740  Limestone, light brownish gray, sublithographic.
9740-9765  Dolomite, very light brownish gray to light brownish gray, sucrosic to microsucrosic.
9765-9835  Limestone, light brownish gray to brownish gray, sublithographic.
9835-9910  Dolomite, light brownish gray, sucrosic to microsucrosic.
9910-9940  Dolomite, as above; limestone, light brownish gray, finely crystalline fragmental.
9940-10,000 Limestone, brownish gray, sublithographic.
10,000-10,060 Dolomite, very light brownish gray to light brownish gray, microsucrosic to sucrosic; limestone, light brownish gray to brownish gray, finely crystalline, fragmental in part.
10,060-10,190 Limestone, brownish gray, very finely crystalline.
10,190-10,210 Limestone, light brownish gray, microsucrosic, dolomitic, slightly argillaceous; traces of anhydrite, white.
10,210-10,240 Limestone, as above.
10,240-10,280 Dolomite, brownish gray, finely crystalline, dense.
10,280-10,320 Dolomite, very light brownish gray, very finely crystalline.
10,320-10,380 Dolomite, brownish gray, very fine to medium crystalline, slightly vuggy.
10,380-10,410 Dolomite, very light brownish gray, microsucrosic.
10,410-10,440 Dolomite, light brownish gray to brownish gray, very fine to medium crystalline, slightly vuggy.
10,440-10,530 Dolomite, light brownish gray, microsucrosic.
10,530-10,840 Salt, colorless and pinkish gray.
11,360-11,460 Dolomite, light yellowish gray, very finely crystalline.
11,460-11,490 Dolomite, as above; and dolomite, light brownish gray, pelletoidal with a finely crystalline matrix, limy.
11,490-11,505 Dolomite, very light yellowish gray, microcrystalline.