

SHELL PEEL RIVER Y.T. K-76

WELL HISTORY REPORT

SHELL PPEL RIVER F.B. K-76

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SECTION I - SUMMARY OF WELL DATA

WELL NAME AND NUMBER

SHELL PEEL RIVER Y.T. K-76

PERMITTEE

SHELL CANADA LIMITED

NAME OF OPERATOR

SHELL CANADA LIMITED

LOCATION

UNIT K SECTION 76 GRID 66° 30' 134° 00'

LATITUDE 66° 25' 35.4" LONGITUDE 134° 14' 07.9"

PERMIT NUMBER

3605

DRILLING CONTRACTOR

REGENT DRILLING COMPANY RIG NO. 21

DRILLING AUTHORITY

NUMBER 203 DATE ISSUED SEPTEMBER 14, 1965

CLASSIFICATION

WILDCAT

ELEVATION

G.L. 238.0' K.B. 250.8'

DATE SPUDDED

OCTOBER 7, 1965

DATE COMPLETED DRILLING

COMPLETED DRILLING NOVEMBER 17, 1965. COMPLETED OPERATIONS
NOVEMBER 25, 1965.

TOTAL DEPTH AND PLUGGED BACK TOTAL DEPTH

T.D. 4550' P.B.T.D. Surface

SECTION I - CONT'D.

WELL STATUS

PLUGGED AND ABANDONED

RIG RELEASED

12:00 MIDNIGHT NOVEMBER 25, 1965

HOLE SIZES

24" CONDUCTOR TO 40'
13-1/4" SURFACE TO 490' 6-3/4" HOLE TO 4550'

CASING

40' K.B. CONDUCTOR PIPE 20# 150 BAGS PORTLAND AND 2% CaCl₂
407.8' K.B. 15 JOINTS 9-5/8" - J-55 - 36# NEW CASING -
400' BAGS AND 2% CaCl₂

SECTION II - GEOLOGICAL SUMMARY

FORMATION TOPS

CRETACEOUS	0 - 1470' (+ 251' SUBSEA)
MISS-DEV.	1470 - 4550' (-1219' to -4299' SUBSEA)

CORED INTERVALS

SIDEWALL SAMPLE CORES AT 2462.5', 2200.0', 1682.0', 1517.0',
1472.0', 1448.0', 1382.0'

CORE DESCRIPTION

AS PER DESCRIPTION ON SAMPLE REPORT

SHELL, PEEL RIVER YT K - 76

K.B. 251'

66 25' 35.4" N
134 14' 7.9" W

T.D. 45+0'

40-50'	Shale	Medium grey, slightly silty, slightly calcareous. Some carbonaceous flakes and pelecypod debris. Micaceous. Surface appears to be gravel with black chert. Trace of Gypsum.
50-55'	Sandstone	quartzitic, sub-angular to sub-rounded.
55-70'	Shale	Medium to light grey, homogeneous, blocky and calcareous.
70-90	Shale	Medium grey, calcareous, fissile, blocky and hard. Trace of silt. Micaceous.
90-100'	Shale	Medium-light grey. Calcareous. Abundant amount of silt.
100-110'	Shale	Medium-very dark grey. Trace of pyrite. Trace of very fine to silt.
110-140'	Shale	Medium dark grey. Calcareous. Trace of silt.
140-150'	Shale	Medium to dark grey. Calcareous, argillaceous. Trace of siltstone. Some carbonaceous flakes.
150-170'	Shale	Medium dark grey, calcareous. Increase in pelecypod. Trace of silt. Argillaceous.
170-190'	Shale	Dark grey-medium dark grey. Calcareous.

190-210'	Shale	Dark grey-medium dark grey. Decrease in Pyrite. Micaceous.
210-220'	Shale	Dark grey-medium dark grey. Streak of green shale.
220-230'	Shale	Medium dark grey. 95% shale, 5% ironstone.
230-250'	Shale	Medium dark grey. Calcareous.
250-270'	Shale	Medium dark grey, non-calcareous.
270-280'	Shale	Medium dark grey, calcareous. Trace of silt.
280-300'	Shale	Medium dark grey, non-calcareous. Silty.
300-310'	Shale	Medium dark grey, non-calcareous. Silty.
310-320'	Shale	Medium dark grey. Blocky, calcareous. Platy and splintery.
320-330'	Shale	Medium dark grey. Blocky, calcareous. Platy and splintery.
330-350'	Shale	Dark grey black. Platy and splintery. Coal streaks.
350-370'	Shale	Dark grey black. Platy and splintery. Coal streaks.
370-380'	Shale	Dark grey black. Platy and splintery.
380-390'	Shale	Dark grey black. Platy and splintery. Coal streak.
390-420'	Shale	Dark grey black. Platy and splintery.

420-430'	Shale	Dark grey black. Platy and less splintery.
430-450'	Shale	medium dark brown grey. Less splintery, calcareous. Poor trace of silt.
450-460'	Shale	Very dark grey. Roundish, calcareous. Trace of silt.
460'-470'	Shale	Very dark grey. Roundish, calcareous. Locally very silty with trace of glauconite.
470-480'	Shale	Very dark grey. Roundish, platy, with 2% glauconite. Calcareous.
480-510'	Shale	Medium dark grey. Roundish, platy, with 2% glauconite. Calcareous.
50'-520'	Shale	Medium dark grey. Roundish, platy.
520-540'	Shale	Medium dark grey. Silty. Very fine sand. Trace of glauconite.
540-590'	Shale	Medium dark grey. Platy and silty. Micaceous.
590-600'	Shale	Dark grey black. Platy and silty, splintery. Micaceous and glauconite.
600-20'	Shale	Dark grey black. Platy and splintery. Highly contaminated.
620-630'	Shale	Dark grey black. Platy and splintery. Highly contaminated.
630-690'	Shale	Dark grey black. Platy and splintery. Highly contaminated.
690-700'	Shale	Medium dark grey. Platy and splintery.
700-730'	Shale	Medium dark grey. Platy and splintery. 5% Ironstone

730-740'	Shale	Medium dark grey. Platy and splintery.
740-790'	Shale	Medium dark grey. Platy and splintery.
790-800'	Shale	Medium dark grey. Platy and splintery with silt.
800-870'	Shale	Medium dark grey. Platy and splintery.
870-890'	Shale	Medium dark grey. Platy sample. Silty.
890-910'	Shale	Medium dark grey. Platy and splintery with a tan streak of silty shale. Trace of coal siderite and a trace of Ironstone.
910-970'	Shale	Medium dark grey. Platy and splintery. Trace of silt and pyrite.
970-1000'	Shale	Medium dark grey. Platy and splintery. Trace of silt and pyrite. Calcareous.
1000-1030'	Shale	Medium dark grey. Platy and splintery.
1030-1090'	Shale	Medium dark grey. Platy and splintery. Silty shale streaks.
1090-1150	Shale	Medium dark grey. Platy and splintery.
1150-1210'	Shale	Medium dark grey. Platy and splintery. 5% test at 1150-1160'.
1210-1240'	Shale	Medium dark grey. Platy, splintery and calcareous. Micaceous.
1240-1280'	Shale	Dark grey. Roundish and slightly silty. Trace of glauconite. Micaceous.
1280-1300'	Shale	Dark grey. 5% silt with a trace of pyrite. Blocky and platy. Trace of glauconite.

1300-1310'	Shale	Dark grey. 10% silt with a trace of pyrite. Blocky and platy. Trace of glauconite.
1310-1320'	Shale	Dark grey. 15% silt with a trace of pyrite. Blocky and platy. Trace of glauconite.
1320-1340'	Shale	Dark grey. 5% silt with a trace of fine to very fine grained sandstone. Glauconite.
1340-1350'	Shale	Dark grey. Trace of silt. Waxy.
1350-1360'	Shale	Dark grey. 5% silt with pyrite and a trace of waxy shale. Trace of bioclastic debris. Streak of green shale.
1360-1400'	Shale	Dark grey. 5% silt with a trace of pyrite. Micaceous.
1400-1430'	Shale	Dark to medium grey and medium dark grey. Trace of very fine grained sandstone to siltstone. Quartzose and argillaceous.
1430-35	Shale	Dark to medium grey and medium dark grey. 70% shale and 30% silt. Trace of plant remains. Streak of coal.
1435-1440'	Shale	Dark to medium grey and medium dark grey. 80% shale and 20% silt and pyrite. Trace of limestone and plant remains.
1440-1445'	Sandstone	White. Trace of plant remains.
1445-1450'	Shale	Medium dark grey. 80% shale. 20% Sandstone.

1450-1460'	Shale	Medium grey and medium brown-grey. Trace of both siltstone and limestone.
1460-1495'	Sandstone	Medium grey. Floating. Medium to coarse grained.
1495-1500'	Shale	Brownish grey. 70% shale and 30% sandstone. Trace of pyrite. Coal streaks. Medium to fine grained. glauconite
1500-1505'	Shale	Medium grey. Trace of siltstone and pyrite. Streak of coal.
1505-1510'	Shale	Medium grey and brown grey. 70% shale and 30% siltstone with pyrite. Coal streak. Very fine grained. Glauconite.
1510-1515'	Sandstone	White. Trace of siltite. Lithic.
1515-1520'	Shale	Brownish grey. 70% shale and 30% Sandstone. Lithic.
1520-1530'	Shale	Brownish grey. 70% shale and 30% sandstone. Lithic.
1530-1535'	Shale	Dark grey. Trace of both silt and limestone.
1535-1540'	shale	Dark grey and brownish grey. 70% shale and 30% sandstone to siltstone.
1540-1550'	Shale	Dark grey. Trace of silt. Lithic
1550-1555'	Siltstone	White. Extra fine to microgranular.
1555-1560'	Shale	Brownish-grey. 70% Shale and 30% lithic sandstone. Trace of ironstone and plant remains.

1560-1565'	Sandstone	white. Medium to extra fine grained.
1565-1570'	Shale	Dark grey. Trace of sandstone and ironstone. Trace of plant remains.
1570-1571'	Siltstone	white.
1575-1580'	Shale	Brown grey. 70% shale and 30% sandstone. Trace of ironstone and plant remains. Trace of siltite.
1580-1610'	Shale	Brownish grey. 70% shale and 30% siltstone. Trace of siltite.
1610-1620'	Shale	Dark grey. Trace of extra fine to microgranular silt. Trace of ironstone.
1620-1630'	Shale	Brownish grey. 70% shale and 30% siltstone. (extra fine to microgranular).
1630-1635'	Sandstone	white. Medium to very fine grained. Clean sorted.
1635-1640'	Shale	Dark grey. Trace of medium to very fine grained sandstone. Trace of plant remains and ironstone.
1640-1645'	Sandstone	white. Medium to very fine grained. Clean sorted.
1645-1650'	Shale	Dark grey. Trace of medium to very fine grained sandstone. Trace of plant remains and ironstone.
1650-1655'	Shale	Medium brown grey. Trace of siltstone. Trace of ironstone. Trace of plant remains and calcareous.
1655-1670'	Shale	Dark grey. 70% shale and 30% siltstone (extra fine to microgranular). Trace of plant remains. Calcareous.

1670-1690'	Shale	Dark grey to medium brown grey. A trace to 30% silt.
1690-1695'	Sandstone	White. Very quartzitic. Medium to very fine grained. Tight.
1695-1700'	Shale	Brown grey. 70% shale and 30% silt (extra fine to microgranular). Trace of ironstone and pyrite. Trace of plant remains.
1700-1720'	Shale	Dark grey. Trace of silt.
1725-1740'	Shale	Medium brown grey. 20% silt (extra fine to microgranular).
1740-1750'	Shale	Medium brown grey. 80% shale and 20% silt.
1750-1780'	Shale	Medium brown grey. 90% shale and 10% silt.
1780-1785'	Shale	Dark grey. Trace of silt.
1785-1790'	Shale	Medium brown grey. 90% shale and 10% silt. Trace of ironstone.
1790-1815'	Shale	Dark grey. Trace of both silt and pyrite.
1815-1820'	Shale	Medium brown grey. 80-90% shale and 10-20% silt. A trace of ironstone.
1820-1845'	Shale	Dark grey. Traces of silt, ironstone and pyrite. Calcareous.
1845-1850'	Shale	Medium brown grey. 90% shale and 10% siltstone with a trace of ironstone.
1850-1860'	Shale	Medium brown grey. 70% shale and 30% silt.

1860-1865'	Shale	Dark grey. Trace of silt.
1865-1870'	Shale	Medium brown grey. 70% shale and 3% silt with traces of ironstone and pyrite.
1870-1880'	Shale	Medium brown grey. 80% shale and 2% silt with a trace of ironstone.
1880-1885'	Shale	Dark grey. Traces of ironstone and silt.
1885-1890'	Shale	Medium brown grey. 80% shale and 20% silt with a trace of pyrite.
1890-1900'	Shale	Dark grey. Traces of silt and pyrite.
1900-1920'	Shale	Medium brown grey. 90% shale and 10% silt.
1920-1940'	Shale	Dark grey. Traces of silt and ironstone. Splintery and blocky.
1940-1945'	Shale	Dark grey. Trace of extra fine to microgranular silt.
1945-1950'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt.
1950-1955'	Shale	Dark grey. Trace of extra fine to microgranular silt. Plant remains.
1955-1960'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt. Plant remains.
1960-1965'	Shale	Dark grey. Trace of extra fine to microgranular silt. Plant remains.

1860-1865'	Shale	Dark grey. Trace of silt.
1865-1870'	Shale	Medium brown grey. 70% shale and 3% silt with traces of ironstone and pyrite.
1870-1880'	Shale	Medium brown grey. 80% shale and 2% silt with a trace of ironstone.
1880-1885'	Shale	Dark grey. Traces of ironstone and silt.
1885-1890'	Shale	Medium brown grey. 80% shale and 20% silt with a trace of pyrite.
1890-1900'	Shale	Dark grey. Traces of silt and pyrite.
1900-1920'	Shale	Medium brown grey. 90% shale and 10% silt.
1920-1940'	Shale	Dark grey. Traces of silt and ironstone. Splintery and blocky.
1940-1945'	Shale	Dark grey. Trace of extra fine to microgranular silt.
1945-1950'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt.
1950-1955'	Shale	Dark grey. Trace of extra fine to microgranular silt. Plant remains.
1955-1960'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt. Plant remains.
1960-1965'	Shale	Dark grey. Trace of extra fine to microgranular silt. Plant remains.

1965-1970'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt. Plant remains.
1970-1975'	Shale	Dark grey. Trace of extra fine to microgranular silt. Plant remains.
1975-1980'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt. Plant remains.
1980-1985'	Shale	Dark grey. Trace of extra fine to microgranular silt.
1985-1990'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt.
1990-1995'	Shale	Dark grey. Trace of extra fine to microgranular silt.
1995-2000'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt.
2000-2005'	Shale	Dark grey. Trace of extra fine to microgranular silt.
2005-2010'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt.
2010-2015'	Shale	Medium brown grey. Trace of silt.
2015-2020'	Shale	Medium brown grey. 80% shale and 20% silt with a trace of ironstone.
2020-2025'	Shale	Medium brown grey. Traces of lithic silt, ironstone, and calcareous.
2025-2040'	Shale	Medium brown grey. 80% shale and 20% silt with traces of ironstone and coal.

2040-2045'	Sandstone	White. Quartzitic to very quartzitic sandstone. Some coal plates (coarse to very fine grained).
2045-2080'	Shale	Dark grey. Trace of pyrite. Fissile and micaceous.
2080-2085'	Sandstone	White. Coarse to very fine. Quartzitic.
2085-2095'	Shale	Dark grey. Trace of silt.
2095-2130'	Shale	Medium brown grey. 80% shale and 20% silt with a trace of pyrite and a trace of plant remains.
2130-2150'	Shale	Medium brown grey. 60% shale and 40% extra fine to microgranular silt with a trace of plant remains. Micaceous.
2150-2170'	Shale	Medium brown grey. 80% shale and 20% extra fine to microgranular silt with a trace of plant remains.
2170-2175'	Sandstone	White. Very fine grained.
2175-2200'	Shale	Medium brown grey. 70% shale and 30% silt with traces of ironstone and plant remains.
2200-2205'	Sandstone Siltstone	Medium brown grey. 70% sandstone and 30% shale. Very fine to microgranular. Traces of ironstone and pyrites.
2205-2210'	Shale	Medium brown grey. 70% shale and 30% sandstone (very fine to microgranular). Traces of ironstone and pyrite.

2210-2215'	Sandstone	white. Fine to micro- granular. Very quartzitic.
2215-2220'	Shale	Medium brown grey. 60% shale and 40% silt with traces of ironstone and coal.
2220-2230'	Shale	Dark grey. Traces of lithic silt and pyrite. Fissile.
2230-2235'	Sandstone	Medium brown grey. 60% very fine to microgranular sandstone and 40% shale. Trace of coal.
2235-2240'	Shale	Medium brown grey. 70% shale and 30% silt.
2240-2260'	Shale	Medium dark grey. Fissile.
2260-2265'	Sandstone	White. Medium to extra fine grained with traces of shale ironstone and plant remains.
2265-2290'	Shale	Medium brown grey. 7% shale and 30% sandstone to siltstone with traces of pyrite and plant remains.
2290-2320'	Shale	Medium brown grey. 60% shale and 40% sandstone. Trace of plant remains.
2320-2340'	Shale	Medium brown grey. 60% shale and 40% sandstone.
2340-2345'	Shale	Medium brown grey.
2345-2350'	Shale	Medium brown grey, 70% shale, 30% silt.
2350-2360'	Shale	Dark brown grey, 90-80% shale, 10-20% silt. Trace Pyrite, trace of coal and trace of limestone.

2360-2370'	Shale	Medium dark grey, 90% shale, 10% silt. Trace of limestone.
2370-2375'	Sandstone	Dark-light grey, fine to microgranular, 20% shale.
2375-2390'	Shale	Dark brown grey, 9% shale 10% silt, extremely fine to microgranular silt. Trace Ironstone. Trace limestone.
2390-2400'	Shale	Dark brown grey, 80% shale, 20% silt.
2400-2410'	Shale	Dark brown grey, 80-95% shale, 20-5% silt.
2410-2445'	Shale	Medium dark grey, 95% shale, 5% silt.
2445-2450'	Shale	Medium dark grey, 40% shale, 20% sandy silt, very fine to silt.
2450-2480'	Shale	Dark brown grey, 95% shale, 5% silt. Platy.
2480-2485'	Sandstone	Very fine to microgranular, 60%. 40% medium brown grey, shale.
2485-2490'	Shale	Medium brown grey. 90% shale, silt 10-30%.
2490-2500'	Shale	Dark brown grey, trace to 15% silt.
2500-2520'	Shale	Dark brown grey, 80-70% shale, 20-30% silt. Flint remains.
2520-2525'	Sandstone	Trace to 30% silt, 100-70% light to dark grey shale.
2525-2540'	Shale	Dark grey, 90% shale, 10% silt.
2540-2545'	Shale	Medium grey. Very argillaceous.

2545-2550'	Shale	Dark grey, 5% sandy silt. Very fine to microgranular.
2550-2560'	Shale	Dark-medium grey, 90% shale. 10% very fine to silt.
2560-2570'	Shale	Medium brown grey. 90-70% shale, 10-30% very fine to silt.
2570-2580'	Shale	Medium brown grey, 70% shale, 30% silt. Very fine to microgranular.
2580-2585'	Sandstone	Fine to silt, 90%, 10% Very light grey/pinkish grey shale.
2585-2590'	Shale	Medium brown grey, 70% shale, 30% silt.
2590-2595'	Sandstone	White/pinkish grey, 90% medium to very fine sandstone, 10% shale.
2595-2600'	Shale	Medium brown grey, 70% shale, 30% silt. Plant remains.
2600-2640'	Sandstone	White/pinkish grey/medium brown grey. 90% sandstone, 10% coarse to silt, silt.
2640-2650'	Shale	Medium brown grey. 90-70% shale. 10-30% silt, extremely fine. Trace of ironstone, Trace of Pyrite. Plant remains.
2650-2655'	Sandstone	Medium to very fine. 10% Very light grey shale.
2655-2660'	Shale	Dark brown grey, 80-70% shale. 20-30% silt. Trace ironstone. Trace of coal.
2660-2690'	Shale	Dark brown grey, 70%. 30% silt. Plant remains.

2680-2690'	Shale	Medium brown grey, 80%. 20% extremely fine silt. Trace of Pyrite.
2690-2700'	Shale	Dark brown grey, 90%. 10% silt.
2700-2705'	Shale	Dark brown grey, platy, blocky and fissile. Trace of silt.
2705-2710'	Shale	Dark brown grey, 90-95%. 5-10% silt. Trace of pyrite. Platy, blocky and fissile.
2710-2715'	Sandstone	Very light grey/pinkish grey. Medium to very fine. Trace of shale.
2715-2720'	Shale	Dark brown grey. 30% very fine-extremely fine silt. Trace of pyrite.
2720-2725'	Shale	Dark brown grey. Trace of silt. Trace of pyrite.
2725-2730'	Shale	Dark brown grey, 70-80%. 40-30% silt.
2730-2735'	Shale	Dark brown grey. Trace of silt. Trace of pyrite.
2735-2740'	Shale	Dark brown grey. 10% silt. Trace of pyrite.
2740-2750'	Shale	Medium dark grey, trace to 5% silt. Trace of pyrite.
2750-2760'	Shale	Dark brown grey, trace to 30% silt.
2760-2765'	Sandstone	Fine to very fine. Trace medium brown grey shale.
2765-2770'	Shale	Medium dark grey. Trace to 30% silt.
2770-2790'	Shale	Medium dark brown grey. Trace - 30% silt. Plant remains. Micaceous.

2790-2800'	Shale	Medium dark brown grey. Trace - 5% silt. Trace of ironstone and pyrite. Plant remains.
2800-2820'	Shale	Medium dark brown grey. Trace to 5% silt.
2820-2830'	Shale	Medium dark brown grey. Trace to 30% silt. Trace of pyrite.
2830-2840'	Shale	Medium dark grey. Trace to 20% silt.
2840-2850'	Shale	Medium dark brown grey. Trace to 10% silt.
2850-2855'	Shale	Brownish grey. Trace of silt.
2855-2860'	Shale	Brownish grey. 80% shale and 20% very fine grained lithic silt.
2860-2865'	Shale	Brownish grey. Traces of silt and plant remains.
2865-2870'	Shale	Brownish grey. 20% very fine grained silt.
2870-2880'	Shale	Brownish grey. 20% fine grained silt with trace of siltite.
2880-2885'	Shale	Brownish grey. 60% shale and 40% lithic silt.
2885-2890'	Shale	Brownish grey. 80% shale and 20% fine grained silt.
2890-2930'	Shale	Brownish grey. 80% shale and 20% very fine grained silt.
2930'-2960'	Shale	Brownish grey and medium dark grey. 10% lithic silt with a trace of ironstone nodules and plant remains.
2960-2970'	Shale	Brownish grey. 20% silt with a trace of pyrite and plant remains.

2970-3000'	Shale	Brownish grey and medium dark grey. 10% very fine grained silt (lithic) with trace of pyrite.
3000-3010'	Shale	Medium brown grey. $\frac{1}{2}$ silt, finely mottled with a trace of pyrite.
3010-3015'	Shale	Medium light brown grey. finely mottled.
3015-3020'	Shale	Medium light brown grey. Finely mottled. One half silt.
3020-3040'	Shale	Medium light brown grey. Finely mottled with a trace of silt.
3040-3045'	Sandstone	Very pale orange and medium light brown grey. Medium grained silt.
3045-3050'	Shale	Very pale orange and medium light brown grey. One half silt. Micaceous.
3050-3055'	Shale	Brownish grey. Trace of silt.
3055-3060'	Shale	Brownish grey. One half silt.
3060-3070'	Shale	Brownish grey. One half silt. Pyrite nodules and plant remains.
3070-3100'	Shale	Medium to dark brown grey. 90% shale and 10% very fine grained silt. Pyrite and plant remains.
3100-3105'	Sandstone	Very pale orange. Sandstone quartz. Coarse to microgranular. Angular and subangular.
3105-3110'	Shale	Medium brown grey. One half silt. Pyrite nodules and plant remains. Coal streak.

3110-3115'	Shale	Medium dark grey. Traces of silt and plant remains.
3115-3120'	Shale	Medium dark grey. 10% silt with plant remains.
3120-3130'	Sandstone	Very pale orange. Sandstone quartz. Coarse to microgranular. Angular and sub-angular.
	Shale	Medium brown grey. One half silt. Pyrite nodules and plant remains. Coal streak.
3130-3135'	Shale	Medium dark grey. Traces of silt and plant remains.
3135-3140'	Shale	Medium dark grey. 10% silt with plant remains.
3140-3155'	Shale	Dark brown grey. Trace of silt. Locally finely mottled.
3155-3160'	Shale	Brownish grey. 10% silt. Traces of pyrite and plant remains.
3160-3170'	Shale	Brownish grey. 10% silt. Traces of pyrite and plant remains.
3170-3185'	Shale	Dark brown grey. Trace of silt.
3185-3190'	Shale	Dark brown grey. 10% silt with a trace of limestone.
3190-3195'	Shale	Dark brown grey. One half silt with plant remains and a trace of limestone.
3195-3200'	Shale	Dark brown grey. 10% silt.
3200-3210'	Shale	Brownish grey. Traces of silt and limestone. Pyrite nodules.
3210-3220'	Shale	Brownish grey. One half lithic silt.

3220-3225'	Shale	Brownish grey. Traces of silt, pyrite and plant remains.
3225-3230'	Shale	Brownish grey. 10% silt.
3230-3235'	Shale	Brownish grey. Traces of silt, pyrite and plant remains.
3235-3240'	Shale	Brownish grey. 10% silt.
3240-3245'	Siltstone	Brownish grey. Extremely fine to microgranular.
3245-3250'	Shale	Brownish grey. 10% very fine grained silt.
3250-3255'	Siltstone	Brownish grey. 70% silt and 30% shale with a trace of limestone.
3255-3260'	Shale	Brownish grey. 90% shale and 10% silt.
3260-3265'	Sandstone	Very pale orange. Medium to microgranular. Sorted (calcareous).
3265-3270'	Shale	Brownish grey. 10% silt with a trace of pyrite and ironstone nodules.
3270-3275'	Shale	Brownish grey. Trace of silt.
3275-3280'	Shale	Brownish grey. 10% silt with a trace of pyrite.
3280-3285'	Shale	Brownish grey. Trace of silt.
3285-3290'	Shale	Brownish grey. 10% silt with a trace of pyrite.
3290-3295'	Shale	Brownish grey. Trace of silt.
3295-3300'	Shale	Brownish grey. 20% silt with traces of pyrite and plant remains.

3300-3305'	Sandstone	Very pale orange. Medium to microgranular.
3305-3310'	Shale	Pinkish grey. 40% very fine grained silt. Micaceous.
3310-3320'	Shale	Dark brown grey. 10% silt with a trace of pyrite. Micaceous.
3320-3325'	Shale	Dark brown grey. Traces of silt and pyrite.
3325-3330'	Shale	Dark brown grey. 10% silt.
3330-3350'	Shale	Dark brown grey. One half silt with trace of pyrite.
3350-3355'	Shale	Medium dark brownish grey. Traces of silt and pyrite.
3355-3360'	Shale	Medium dark brownish grey. One half silt with a trace of pyrite.
3360-3380'	Shale	Medium dark brownish grey. One half silt with a trace of pyrite.
3380-3385'	Shale	Dark brownish grey. Trace of silt. Pyrite nodules. Plant remains. Trace of limestone.
3385-3390'	Shale	Dark brownish grey. 10% silt.
3390-3395'	Sandstone	Very pale orange. Poorly sorted. Medium to microgranular. Plant remains.
3395-3400'	Shale	Dark brown grey. 10% silt.
3400-3415'	Sandstone	White to medium light grey. Medium to extremely fine grained. Quartzitic. Trace of plant remains.

3300-3305'	Sandstone	Very pale orange. Medium to microgranular.
3305-3310'	Shale	Pinkish grey. 40% very fine grained silt. Micaceous.
3310-3320'	Shale	Dark brown grey. 10% silt with a trace of pyrite. Micaceous.
3320-3325'	Shale	Dark brown grey. Traces of silt and pyrite.
3325-3330'	Shale	Dark brown grey. 10% silt.
3330-3350'	Shale	Dark brown grey. One half silt with trace of pyrite.
3350-3355'	Shale	Medium dark brownish grey. Traces of silt and pyrite.
3355-3360'	Shale	Medium dark brownish grey. One half silt with a trace of pyrite.
3360-3380'	Shale	Medium dark brownish grey. One half silt with a trace of pyrite.
3380-3385'	Shale	Dark brownish grey. Trace of silt. Pyrite nodules. Plant remains. Trace of limestone.
3385-3390'	Shale	Dark brownish grey. 10% silt.
3390-3395'	Sandstone	Very pale orange. Poorly sorted. Medium to microgranular. Plant remains.
3395-3400'	Shale	Dark brown grey. 10% silt.
3400-3415'	Sandstone	White to medium light grey. Medium to extremely fine grained. Quartzitic. Trace of plant remains.

3500-3505'	Shale	Brownish grey. One half silt.
3505-3510'	Shale	Brownish grey. 10% silt with a trace of pyrite.
3510-3515'	Sandstone	Medium to light grey. Medium to extremely fine grained.
3515-3540'	Shale	Brownish grey. 10% very fine grained silt. A trace of pyrite and plant remains.
3540-3545'	Shale	Medium dark brownish grey. One half silt with a trace of limestone.
3545-3550'	Shale	Medium dark brownish grey. 10% silt with traces of limestone, pyrite, and plant remains.
3550-3555'	Shale	Medium dark brownish grey. Trace of silt.
3555-3560'	Shale	Medium dark brownish grey. 10% silt with traces of limestone, pyrite and plant remains.
3560-3565'	Shale	Medium dark brownish grey. Trace of silt.
3565-3570'	Shale	Medium dark brownish grey. 10% silt with traces of limestone, pyrite and plant remains.
3570-3575'	Shale	Medium dark brownish grey. Trace of silt.
3575-3580'	Shale	Medium dark brownish grey. 10% silt with traces of limestone, pyrite and plant remains.
3580-3585'	Shale	Medium dark brownish grey. Trace of silt.

3585-3590'	Shale	Medium dark brownish grey. 10% silt with traces of limestone, pyrite and plant remains.
3590-3595'	Sandstone	Very pale orange. Lithic. Fine to extremely fine grained.
3595-3600'	Shale	Brownish grey. 10% silt with a trace of pyrite and pyrite nodules.
3600-3605'	Shale	Brownish grey. Traces of silt, pyrite and plant remains.
3605-3610'	Shale	Brownish grey. One half silt. Micaceous.
3610-3615'	Shale	Brownish grey. Traces of silt, pyrite and plant remains.
3615-3620'	Shale	Brownish grey. One half silt. Micaceous.
3620-3625'	Shale	Brownish grey. Traces of silt, pyrite and plant remains.
3625-3630'	Shale	Brownish grey. One half silt. Micaceous.
3630-3635'	Shale	Brownish grey. Traces of silt, pyrite and plant remains.
3635-3640'	Shale	Brownish grey. One half silt. Micaceous.
3640-3645'	Sandstone	Very pale orange. Medium to extremely fine grained. Porphyritic. Subangular.
3645-3650'	Shale	Brownish grey. 20% very fine grained silt.
3650-3655'	Shale	Brownish grey. Trace of silt.

3655-3660'	Shale	Brownish grey. 10% silt.
3660-3665'	Shale	Brownish grey. Trace of silt. Pyrite nodules.
3665-3670'	Shale	Brownish grey. 30% silt.
3670-3675'	Shale	Brownish grey. Trace of silt.
3675-3680'	Shale	Brownish grey. 30% sandy silt, medium to extremely fine. Plant remains. Pyrite trace.
3680-3700'	Shale	Brownish grey. 30% sandy silt, medium to extremely fine. Plant remains. Pyrite trace.
3700-3715'	Shale	Brownish grey, 20% very fine-silt.
3715-3720'	Shale	Medium brown grey. 10% silt, lithic. Pyrite trace.
3720-3725'	Shale	Medium brown grey. 5% silt, lithic. Pyrite trace and Ironstone nodules.
3725-3740'	Shale	Medium brown grey. 10% silt, lithic. Pyrite trace and Ironstone nodules.
3740-3745'	Sandstone	Quartzitic, lithic. 5-10% light green and 10-15% dark green.
3745-3750'	Shale	Brownish grey. 30% silt, lithic. Pyrite nodules. Trace of plant remains.
3750-3755'	Sandstone	quartzitic, lithic. 5-10% light green. Coarse to extremely fine.
3755-3760'	Shale	Brownish grey. 30% silt, lithic. Pyrite nodules. Trace of plant remains.

3760-3765'	Sandstone	Very pale orange. Sandy silt. Trace of brownish grey shale.
3765-3770'	Shale	Brownish grey. 30% silt, lithic. Pyrite nodules. Trace of Plant remains
3770-3775'	Sandstone	Very pale orange, sandy silt. Trace of brownish grey shale.
3775-3780'	Shale	Brownish grey. 30% silt lithic. Pyrite nodules and trace of plant remains.
3780-3785'	Sandstone	Very pale orange, sandy silt. Trace of brownish grey shale.
3785-3790'	Shale	Brownish grey. 30% silt lithic.
3790-3800'	Sandstone	Very pale orange. Medium to fine.
3800-3820'	Shale	Medium brown grey. 5% sandy silt. Ironstone nodules. Trace of pyrite.
3820-3825'	Sandstone	Very pale orange, coarse to extremely fine silty sand. Trace of brownish-grey shale. Ironstone nodules. Trace of plant remains
3825-3830'	Shale	Brownish grey. 5% silt.
3830-3835'	Sandstone	Medium to silt. 40% brownish grey shale.
3835-3840'	Shale	Brownish grey. 5% silt. Plant remains.
3840-3845'	Shale	Medium brown grey. Trace of silt. Plant remains.
3845-3850'	Shale	Medium brown grey. 5% silt. Plant remains.

3850-3855'	Shale	Medium brown grey. Trace of silt. Plant remains.
3855-3860'	Shale	Medium brown grey. 5% silt.
3860-3865'	Shale	Medium brown grey. Trace of silt.
3865-3870'	Shale	Medium brown grey. 5% silt.
3870-3875'	Shale	Medium brown grey. Trace of silt. Pyrite trace.
3875-3880'	Shale	Medium brown grey. 5% silt. Pyrite trace.
3880-3885'	Shale	Medium brown grey. Trace of silt.
3885-3890'	Shale	Medium brown grey. 5% silt.
3890-3895'	Shale	Medium brown grey. Trace of silt.
3895-3900'	Shale	Medium brown grey. 5% silt.
3900-3905'	Shale	Medium brown grey. Trace of silt.
3905-3910'	Shale	Medium brown grey. 5% silt.
3910-3915'	Shale	Medium brown grey. Trace of silt. Trace of pyrite.
3915-3920'	Shale	Medium brown grey. 5% silt. Trace of ironstone nodules.
3920-3925'	Shale	Medium brown grey. Trace of silt. Trace of ironstone nodules.
3925-3930'	Shale	Medium brown grey. 5% silt. Trace of ironstone nodules.
3930-3935'	Shale	Medium brown grey. Trace of silt. Ironstone nodules.
3935-3940'	Shale	Medium brown grey, 5% silt. Trace of ironstone nodules.

3940-3945'	Shale	Medium brown grey. Trace of silt. Trace of ironstone. Traces of pyrite and plant remains.
3945-3950'	Shale	Medium brown grey. 5% silt.
3950-3955'	Shale	Medium brown grey. Trace of silt. Trace of pyrite.
3955-3960'	Shale	Medium brown grey. 5% silt. Trace of pyrite.
3960-3965'	Shale	Medium brown grey. Trace of silt.
3965-3970'	Shale	Medium brown grey. 5% silt.
3970-3975'	Shale	Medium brown grey. Trace of silt.
3975-3980'	Shale	Medium brown grey. 5% silt.
3980-3985'	Sandstone	Very pale orange, coarse to extremely fine.
3985-3990'	Shale	Medium brown grey. 5% silt.
3990-3995'	Shale	Medium brown grey. Trace of silt, lithic.
3995-4000'	Shale	Medium brown grey. 5% silt. Trace of ironstone.
4000-4005'	Shale	Medium brown grey. Trace of silt. Lithic.
4005-4010'	Shale	Dark brown grey. 5% silt.
4010-4015'	Shale	Dark brown grey. Trace of silt. Lithic.
4015-4020'	Shale	Dark brown grey. 5% silt. Trace of pyrite.
4020-4025'	Shale	Dark brown grey. Trace of very fine to silt, sandy silt. Traces of ironstone, pyrite and plant remains.

4025-4030'	Shale	Dark brown grey. 10% medium to SI sandy silt.
4030-4035'	Shale	Very pale orange/dark brown grey. Trace of quartzitic sandstone.
4035-4040'	Shale	very pale orange/dark brown grey. Trace of ironstone. 10% quartzitic sandstone.
4040-4045'	Shale	Dark brown grey. Trace of silt.
4045-4050'	Shale	Shale, dark brown grey. 20% lithic, siltstone. Trace of pyrite.
4050-4070'	Shale	Dark brown grey, 10% lithic, siltstone. Trace of pyrite.
4070-4080'	Shale	Dark brown grey. 5% silt, lithic. Trace of ironstone and pyrite.
4080-4095'	Shale	Dark brown grey. Trace of silt.
4095-4100'	Shale	Dark brown grey. 30% fine to SI silt with sand.
4100-4105'	Sandstone	Very pale orange, medium to very fine. Trace of medium to dark brown grey shale.
4105-4110'	Sandstone	Very pale orange, medium to extremely silty sandstone. 5% medium to dark brown grey shale.
4110-4115'	Sandstone	Very pale orange, medium to very fine. Trace of medium to dark brown grey shale.
4115-4120'	Sandstone	Very pale orange. Coarse to extremely fine silty sand. 5% medium to dark brown grey shale.

4120-4130'	Sandstone	Very pale orange. Coarse to extremely fine silty sand. 20% medium to dark brown grey shale. Traces of ironstone, pyrite, plant remains and coal.
4130-4135'	Shale	Medium to dark brown grey. Trace of very fine to Si sandy silt. Trace of plant remains.
4135-4140'	Shale	Medium to dark grey. Trace of plant remains. 20% silt.
4140-4145'	Shale	Medium dark brown grey. Trace of very fine to Si sandy silt.
4145-4150'	Shale	Medium dark brown grey. Trace of very fine to Si sandy silt.
4150-4155'	Shale	Medium dark brown grey. Trace of silt. Trace of Pyrite.
4155-4160'	Shale	Dark grey black. 10% silt. Fossil debris.
4160-4165'	Shale	Dark grey black. Trace of silt. Trace of pyrite and plant remains.
4165-4170'	Shale	Dark grey black. 5% silt.
4170-4190'	Shale	Dark grey black. Trace of silt.
4190-4200'	Shale	Dark grey black. Trace of pyrite.
4200-4210'	Shale	Dark grey black. Trace of silt.
4210-4230'	Sandstone	Very pale orange / brownish grey. Coarse to extremely fine.
4230-4290'	Shale	Dark grey black. Trace of quartzitic sandstone, very lithic. Sorted to moderately sorted. Sub-rounded to sub-angular squeezed grains.

4290-4300'	Shale	Dark grey black. Trace of pyrite. Trace of sand-
4300-4350'	Shale	Dark grey black. Trace of sand.
4350-4350'	Shale	Dark grey black. Trace of sandstone. Trace of pyrite.
4350-4380'	Shale	Dark grey black. Trace of quartzitic sandstone.
4380-4390'	Shale	Dark grey black. Trace of quartzitic sandstone. Trace of pyrite.
4390-4460'	Shale	Dark grey to dark grey black. Trace of quartzitic sandstone.
4460-4470'	Shale	Dark grey black. Trace of quartzitic sandstone. Trace of pyrite.
4470-4490'	Shale	Dark grey black. Trace of silt.
4490-4500'	Shale	Dark grey black. Trace of silt. Trace of pyrite.
4500-4510'	Shale	Dark grey black. Trace of silt.
4510-4520'	Shale	Dark grey black. Trace of silt. Trace of pyrite needles.
4520-4530'	Shale	Dark grey black. Trace of silt.
4530-4540'	Shale	Dark grey black. Trace of silt. Trace of pyrite nodules.
4540-4550'	Shale	Dark grey black. Trace of silt.

Total Depth: 4550'

SHELL, PEEL RIVER K-76 (NO. 2)

66° 25' 35.4" N.
134° 14' 07.9" W.

Sidewall Core

1382	Shale	Dark grey, slightly silty, poorly laminated, calcareous and pyritic.
1448	Shale	Medium to dark grey, 20% lithic silt content, pyritic.
1472	Shale	Dark grey-brown grey, slightly silty.
1517	Shale	Brown grey, 30% lithic silt content.
1682	Shale	Dark grey-medium brown grey.
2200	Shale	Medium brown grey, 30% lithic silt content, pyritic.
2462.5	Shale	Dark brown grey, slightly silty, platy.

T.G. EASTLAND

testers ltd.

99 50 & NORTH, EDMONTON, ALBERTA

SERVICE REPORT

TEST No. One
Date Nov. 6, 1963
Ticket No. A-103

Well Name SHELL FEEB RIVER YT-K76

LSD Y1 - K76

Formation Tested:

TYPE OF TEST Standard Duals Straddle Casing
From 3750' To 3901' Tail Pipe: 151'
Main Hole Depth: 3901' Rat Hole Depth: ...
Hole Size Tested: 5 1/4" Main Hole Rat Hole
Casing Depth: 488' Size: 9 5/8" Weight: J55
Type of Drill Pipe: 3 1/2" I.D. Tubing: ...
Type of Packer(s): Conventional (2)
Size of Rubber Element(s): 6"

TEST RESULT DATA
Started in Hole: 7:15am Tool Opened: 11:48am
Initial Shut-in: 15 Min. Flow Period: 60 Min.
Final Shut-in: 60 Min. Out of Hole: 3:00 pm
Choke Bottom: 1/2"
Choke Surface:
Flow Rate: Mcf/day Flare Line Riser:
Mcf/day measured by:

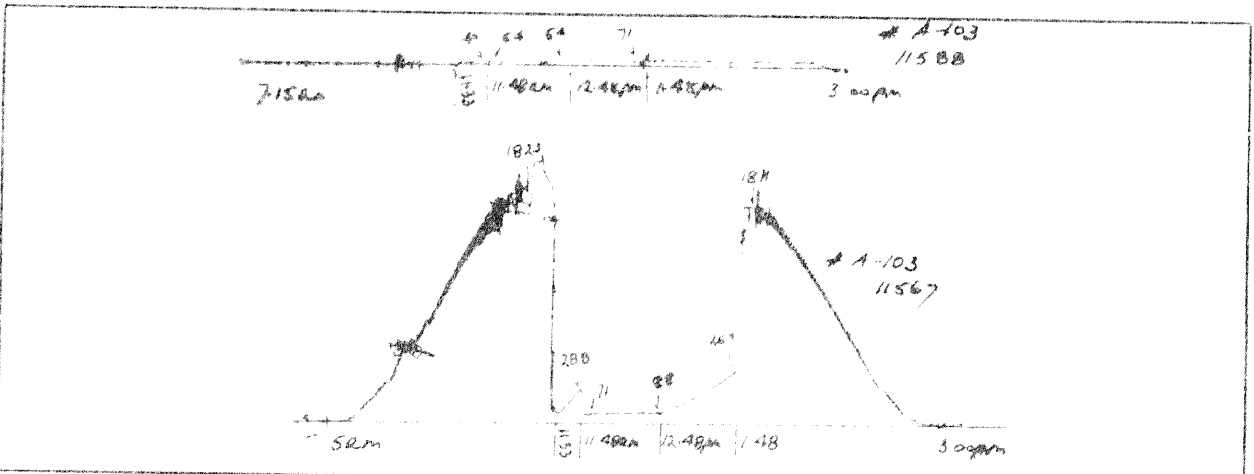
REMARKS: Opened tool with good initial puff.
Opened on 1/2" port with good initial puff.
Good air blow for 10 minutes, decreasing throughout test to small air blow.

Fluid Cushion: ... Max. Well Temp: 118 F
DRLG. FLUID: Viscosity: 140 Weight: 9.4 W.L. 8.2
FIELD (est.) CORRECTED
1810 Initial Hydrostatic Pressure psig ... 1823
Shut-In Press. #1 After 15 Min. psig 288
Initial Flowing Pressure psig 71
Max. Flowing Pressure psig 88
Shut-In Press. #2 After 60 Min. psig 455

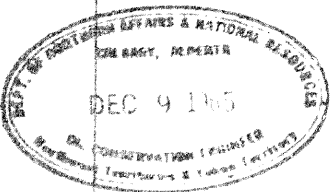
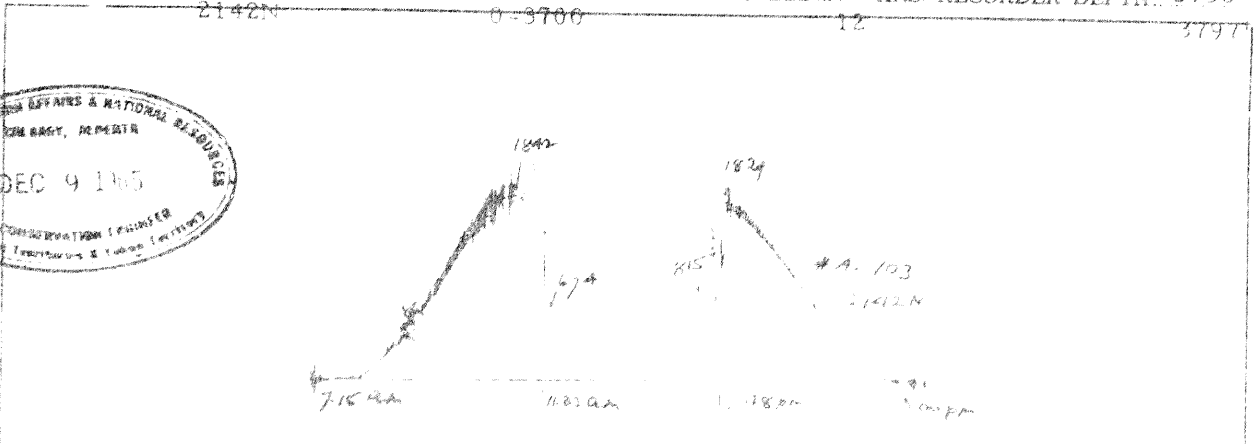
PRESENT DURING TEST

Your Representative
Our Operator: Len Ehrman
Toolpusher: R. Shaffrick
Drig Contractor: Regent Rig #21

FLUID RECOVERY: 60 ft drilling mud; 110 ft watery mud. (Ran 772 ft drill collars above tool)



RECORDER No. 11588 ELEMENT RANGE: 0-4000 P.S.I. CLOCK SPEED: 12 HRS. RECORDER DEPTH: 3718'
RECORDER No. 11567. ELEMENT RANGE: 0-3000 P.S.I. CLOCK SPEED: 12 HRS. RECORDER DEPTH: 3756'



PRESSURE

PRESSURE

T.G. EASTLAND — testers ltd.

R.R. NO. 6, NORTH EDMONTON, ALBERTA

TEST No. One
Date Nov. 6, 1965
Ticket No. A-103

DRILL STEM TEST PRESSURE REPORT

WELL NAME SHELL PEEL RIVER Y.T. K-76 LSD Y.T. K-76
INTERVAL 3750' to 3901' KB FORMATION KB B.H. TEMP. °F 118
GAUGE No. 11567 DEPTH OF ELEMENT 3756' KB CALIBRATION EQUATION P_c 1536.68 - 1.39

	Time	T mins.	Pressure psig
Initial Hydrostatic	-----		1823
Initial Shut-in	11:33 am	0	77
	11:36	3	108
	11:39	6	146
	11:42	9	183
	11:45	12	225
	11:48	15	268
	11:50	17	288
Flowing Pressures	-----	F ₁	71
		F ₂	88
Final Shut-in	12:48 pm	0	88
	12:51	3	103
	12:54	6	119
	12:57	9	134
	1:00	12	151
	1:03	15	166
	1:06	18	182
	1:09	21	199
	1:12	24	214
	1:15	27	232
	1:18	30	252
	1:21	33	271
	1:24	36	292
	1:27	39	312
	1:30	42	331
	1:33	45	352
	1:36	48	374
	1:39	51	397
	1:42	54	421
	1:45	57	441
	1:47	59	465
Final Hydrostatic	-----		1811

SECTION III - ENGINEERING SUMMARY

DRILLSTEM TESTS

<u>NO.</u>	<u>INTERVAL</u>	<u>TO</u>	<u>FLOW RATE & RECOVERY</u>	<u>IFP</u>	<u>AFP</u>	<u>ISIP/TIME</u>	<u>FSIP/TIME</u>
1	3750-3901'	60 MIN	60' (0.3 BBL.) DRILLING MUD 110' (0.6 BBL.) WATERY MUD MUD 2600 ppm NaCl	⁷¹ 77 psi	88 psi	288 psi/15 MIN	455 psi/60 MIN
				1823 psi=I.H.M.P. 1811 psi=F.H.M.P.			

CASING RECORD

- 1) 40' K.B. 20" Conductor Pipe ¹⁵⁰ 50 sacks Portland & 2% CaCl₂
- 2) 488' K.B. 9-5/8", 15 Joints 36%, J-55 New Casing
400 sacks Portland & 2% CaCl₂

BIT RECORD

<u>NO.</u>	<u>SIZE</u>	<u>TYPE</u>	<u>DEPTH OUT</u>	<u>FEET</u>	<u>TIME/HOURS</u>
1A	13-1/4"	S6	100	100	7
2A	13-1/4"	S3	490	390	18-1/2
1	6-3/4"	OSC-3	1036	546	13
2	6-3/4"	S-4	1447	411	10-1/2
3	6-3/4"	S-4	1652	205	7
4	6-3/4"	M4N	1855	203	10-1/2
5	6-3/4"	M4N	2050	195	7-1/2
6	6-3/4"	H7	2095	45	6-1/2
7 R.R.	6-3/4"	RG7XJ	2222	127	10-3/4
8	6-3/4"	H7	2244	22	3-1/2
RR #7	6-3/4"	RG7XJ	2355	111	13-1/2
9	6-3/4"	W7R2	2433	128	10-3/4
10	6-3/4"	W7R2	2545	62	11-1/4
11	6-3/4"	W7R2	2591	46	7
12	6-3/4"	W7R2	2605	14	3-3/4
RR #7	6-3/4"	RG7XJ	2611	6	2-3/4
13	6-3/4"	H7UG	2646	35	8-1/2
14	6-3/4"	H7UG	2662	16	7-1/4

TABLE 1

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>NO. OF</u>	<u>NO.</u>	<u>TIME/NO.</u>
15	6-3/4"	1710	1000	17	13
16	6-3/4"	1711	1001	62	11
17	6-3/4"	1712	1002	34	10-1/2
18	6-3/4"	1713	1003	74	17-3/4
19	6-3/4"	1714	1004	131	13
20	6-3/4"	1715	1005	24	5
21	6-3/4"	1716	1006	32	5
RR #15	6-3/4"	1717	1007	17	6
22	6-3/4"	1718	1008	10	4
23	6-3/4"	1719	1009	9	4
RR #15	6-3/4"	1720	1010	40	17-1/4
24	6-3/4"	1721	1011	92	10-1/4
25	6-3/4"	1722	1012	31	?
26	6-3/4"	1723	1013	13	3-3/4
27	6-3/4"	1724	1014	80	11
28	6-3/4"	1725	1015	15	4-3/4
29	6-3/4"	1726	1016	13	4-3/4
30	6-3/4"	1727	1017	13	5-1/4
31	6-3/4"	1728	1018	16	6-1/2
32	6-3/4"	1729	1019	44	8-1/4
33	6-3/4"	1730	1020	17	4-1/2
34	6-3/4"	1731	1021	111	11-1/2
35	6-3/4"	1732	1022	30	7
36	6-3/4"	1733	1023	8	4-1/2
37	6-3/4"	1734	1024	9	6
38	6-3/4"	1735	1025	32	6-3/4
39	6-3/4"	1736	1026	24	7-1/2
40	6-3/4"	1737	1027	32	10
41	6-3/4"	1738	1028	8	5
42	6-3/4"	1739	1029	27	6-1/4
43	6-3/4"	1740	1030	22	6-3/4

SECTION III - CONT'D.

SEA RECORD CONT'D.

<u>NO.</u>	<u>SIZE</u>	<u>TYPE</u>	<u>SEA TRI. NO.</u>	<u>PHRS</u>	<u>TIME/HOURS</u>
44	6-3/4"	H7UC	3832	12	9-1/4
RR #57	6-3/4"	HOC	3843	12	12
45	6-3/4"	H7R2	3901	58	11-1/2
46	6-3/4"	H7R2	3917	16	7
47	6-3/4"	H7R2	3953	51	11-3/4
48	6-3/4"	H7R2	3991	23	7
49	6-3/4"	H7R2	4026	35	12
50	6-3/4"	H7R2	4032	6	5-1/2
51	6-3/4"	H7R2	4047	15	8
52	6-3/4"	H7R2	4056	9	9
53	6-3/4"	H7L2	4074	18	8-3/4
54	6-3/4"	H7L2	4108	34	11
55	6-3/4"	H7R2	4120	12	7
56	6-3/4"	H7UC	4132	12	6-1/2
57	6-3/4"	H7R2	4145	13	8-3/4
58	6-3/4"	H7UC	4185	40	14
59	6-3/4"	H7	4212	27	7-3/4
60	6-3/4"	H7G	4250	33	11
61	6-3/4"	H7	4375	125	16-3/4
62	6-3/4"	H7	4520	145	21-1/4
RR #61	6-3/4"	H7	4550	30	5-1/2

KOD RECORD

TYPE

QUANTITY

GEL

88,400 LBS.

CRUSTIC

1,750 LBS.

SUPER LIGHTITE

1,825 LBS.

PELTEX

1,950 LBS.

SECTION III - CONT'D.

DEVIATION RECORD

60 - 1°	1000 - 1°	2000 - 5-1/2°	3220 - 14°
50 - 1/3°	1100 - 3°	2100 - 5-1/4°	3300 - 15-1/2°
150 - 3/4°	1200 - 4-3/4°	2200 - 8°	3350 - 16°
247 - 1°	1300 - 4-1/2°	2300 - 10°	3400 - 17°
310 - 1-1/4°	1400 - 4-1/2°	2400 - 9-1/2°	3600 - 23°
355 - 1-1/4°	1500 - 4°	2500 - 9°	3700 - 25°
450 - 1-3/4°	1650 - 3-1/2°	2700 - 9°	3900 - 26°
500 - 1-1/2°	1770 - 2°	2700 - 9°	4000 - 26°
600 - 1°	1830 - 3-1/2°	2800 - 9-1/2°	4100 - 25°
780 - 1-1/4°	1900 - 5-1/2°	3000 - 11°	4375 - 25°

ABANDONMENT PIECES

NO.

- 1 4500'-4400' 50 SACKS & 2% CaCl₂
- 2 1500'-1400' 75 SACKS & 2% CaCl₂ - 9 (W.C.) 1883'
- 3 530'-430' 75 SACKS & 2% CaCl₂ - 16 (W.C.) 420'
- 4 10 SACKS TOP CASING, CUT-OFF 3' BELOW, WELDED 1/2" PLATE, 3 SACKS ON TOP PLATE, 5 SACKS IN RAT HOLE.

LOST CIRCULATION ZONES

NONE

BLOWOUTS

NONE

SECTION IV - LOGS

<u>TYPE</u>	<u>DEPTH RUN</u>
I.E.S.	4540'-485'
CFDL-SR-C	4536'-485'
MLC	4536'-485'
BHC-SGR	4531'-960'
SRS	4480'-700'

SECTION V - ANALYSES

CORE ANALYSES

AS PER SAMPLE DESCRIPTION

WATER ANALYSES

NONE

GAS ANALYSES

NONE

OTH. ANALYSES

NONE

SECTION VI - COMPLETION SUMMARY

TUBING RECORD

NONE

PERFORATION RECORD

NONE

CEMENTATION

NONE

ACIDIZATION AND FRACTURING

NONE

BACK PRESSURE AND PRODUCTION

NONE