

WELL HISTORY REPORT

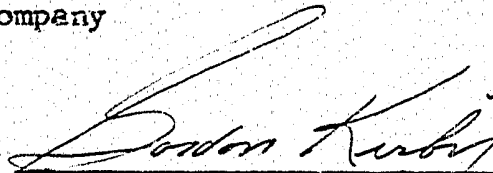
MURPHY B.O.C. MUSKEG RIVER NO. 1

PERMITTEE: Murphy-Canada Oil Company
Burnah Oil Western Company

OPERATOR: Amurex Oil Company

STATUS: Abandoned

SIGNED:


Gordon Kirby - Vice President
Amurex Oil Company
September 12, 1961

DATE:

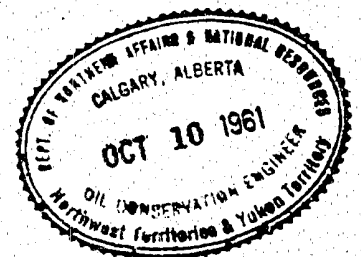


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MURPHY B.O.C. MUSKEG RIVER NO. 1

SECTION 1

SUMMARY OF WELL DATA

MURPHY B.O.C. MUSKEG RIVER NO. 1

SECTION 11

GEOLOGICAL SUMMARY

MURPHY E.O.C. MUSKEG RIVER NO. I

SECTION III

ENGINEERING SUMMARY

SUMMARY OF WELL DATA

WELL NAME AND NUMBER: Murphy B.O.C. Muskeg River No. 1

PERMITTEE: Murphy-Canada Oil Company, Burmah Oil
Western Company

OPERATOR: Amurex Oil Company

LOCATION: L-14

CO-ORDINATES: 60° 43' 38" North Latitude
122° 3' 45" West Longitude

PERMIT NO: 1035

DRILLING CONTRACTOR: Peter Bawden Drilling Co. Ltd.
Rig No. 8
Type - Rotary

DRILLING AUTHORITY: #D.A. 101 Issued: March 14, 1961

CLASSIFICATION: Wildcat

ELEVATIONS: Ground: 2222' K.B. 2235'

SPUDDED: 3:00 P.M. March 17, 1961

COMPLETED DRILLING: May 1, 1961

TOTAL DEPTH: 7319'

WELL STATUS: Abandoned

RIG RELEASED: 8:00 P.M. May 7, 1961

HOLE SIZE: 0' - 600' 12½" Reamed to 17½"
600' - 3400' 12½"
3400' - T.D. 8 3/4"

CASING: 13 3/8" @ 600' with 491 sacks of cement
and 2% CAC1
9 5/8" @ 3400' with 350 sacks of cement.

FORMATION TOPS

	<u>Electric Log Tops</u>	<u>Sample Tops</u>
Fort Nelson	Surface	Surface
Sikanni	284	280
Sikanni Ss	876	860
Buckinghorse	1045	1040
Weathered Mississippian	1730	1730
Mississippian	1780	1780
Exshaw	2347	2350
Devonian	2368	2370
First Lime	2519	2520
Second Lime	3366	3360
Third Lime (Island River Member)	4558	4560
Simpson Shale	4648	4640
Spence River	6268	6260
Slave Point	6300	6300
Argillaceous Ls. Unit	6720	6720
Watt Mountain	6995	6990
Lower Elk Point	7066	7050
Pre-Devonian	7153	7150
Total Depth	7321 (schl.)	7319 (driller)

CORED INTERVALS

<u>CORE NO.</u>	<u>INTERVAL</u>	<u>RECOVERY</u>	<u>FORMATION</u>
1	6320 - 6376	51'	Slave Point
2	6376 - 6451	75'	Slave Point
3	7189 - 7203	14'	Pre-Devonian
4	7249 - 7252	3'	Pre-Devonian

CORE DESCRIPTION

CORE NO. 1 6320' - 6376' Recovered 56'

- 22' Limestone, gray to dark gray, hard, dense, crystalline, homogeneous texture, slightly fossiliferous (broken fragments) bottom 10' had hairline to 2" vertical fractures, calcite filled, no porosity, no shows.
- 20' Limestone, tan to brown to gray, dense, hard, very fossiliferous, crystalline, hairline fractures filled with calcite, fossils filled with calcite, faint petroliferous odor on fresh break, rare trace of live oil stain and gas bubbles on outside of core immediately following removal from core barrel, no porosity, no fluorescence.
- 14' Limestone, same as above, except broken into small pieces. This portion of core did not jam in barrel. Visual description: "earthy" looking suggesting porosity and/or a highly fractured section.

Note: The first indication of reef growth (?) occurs at 6342', (42' below the top of the Slave Point carbonate section), and best described as a "calcite-filled reef".

CORE NO. 2 6376' - 6451' Recovered 75'

- 75' Limestone (same as lower 34' of core above), tan to brown to gray, dense, crystalline, fossiliferous, crystalline calcite abundant in the replacement of fossils and in hairline fractures, petroliferous odor on fresh break throughout core, lower part of core contains bituminous material in hairline fractures, no porosity, no fluorescence.

CORE NO. 3 7189' - 7203' Recovered 14'

- 14' Predominately shale, very hard, silicified, light green to gray, fractured, red and maroon "banding" in part, quartzite containing large and small gray chert nodules throughout.

Note: Overall core suggests a very unstable depositional environment

CORE NO. 4 7249' - 7252' Recovered 3'

- 3' Shale, light green, very hard, silicified, highly fractured, mostly vertical, jammed core barrel.

SAMPLE DESCRIPTION

Note: Samples Adjusted to Electric Log

Ft. Nelson Formation

0 - 100

No samples. Drilling foreman reported "rough drilling" through loosely consolidated gravel and boulders.

Note: Surface casing set at 600'. Hole above this depth was caving badly.

100 - 110

Sandstone and gravel, very coarse, conglomeritic, primarily of granitic origin, angular (suggesting breaking-up of large boulders while drilling), micaceous, pyritic in part, loosely consolidated, with 10% to 15% dark gray shale, clear quartz grains.

110 - 270

As above

270 - 280

As above, 10% shale as above.

Sikanni Formation

280 - 290

As above, 15% to 20% shale as above.

290 - 300

As above, 50% shale as above.

300 - 310

As above, 20% shale as above.

310 - 400

As above, with shale

400 - 500

As above, acute change in grain size to medium grain.

500 - 520

As above, 40% shale, silty, dark gray.

520 - 530

As above, 40% to 50% dark gray shale, silty, shale (in part) finely laminated with white to light gray, very fine quartz sandstone.

530 - 560

Sandstone as above.

560 - 580

Shale, dark gray to black, silty, sandstone as above.

580 - 600

Shale as above.

600 - 610

Cement, from surface casing.

610 - 620

Sandstone, white to yellow quartz grains, medium grained, loosely consolidated, granitic as above, micaceous, dark gray silty shale.

620 - 630

Sandstone as above.

630 - 640

Shale, dark gray to black, 10% sandstone as above.

640 - 660

Shale as above.

660 - 670

Shale as above, 20% to 30% sandstone as above.

670 - 730

Shale as above.

730 - 740

Shale as above, silty, siliceous, fine grained sandstone as above.

740 - 800

Shale as above.

800 - 860

Shale as above, 20% sandstone, fine grained with slightly calcareous matrix.

Sikanni Sandstone Form.

860 - 920

Sandstone, silty, light gray, fine quartzose, slightly calcareous, with fair to good porosity, shale, gray to dark gray.

920 - 950

Sandstone as above, 20% shale.

950 - 970

Sandstone as above, 30% shale.

970 - 990	Sandstone as above, 40% shale.
990 - 1000	Sandstone as above, 50% shale.
1000 - 1010	Shale as above, 30% sandstone as above.
1010 - 1030	Shale as above, 20% sandstone as above.
1030 - 1040	Shale as above, 10% sandstone as above.
<u>Buckinghorse Formation</u>	
1040 - 1190	Shale, dark gray to black, carbonaceous, 10% sandstone as above.
1190 - 1220	Shale as above, 20% sandstone as above.
1220 - 1330	Shale, black to dark gray, carbonaceous, 10% sandstone as above.
1330 - 1370	Shale as above, glauconitic sand.
1370 - 1410	Shale as above, 20% sandstone, fine grain, dead oil stain, poor to fair porosity.
1410 - 1500	Shale as above, 10% sand, silty, fine grained.
1500 - 1540	Shale as above, 10% sand, silty, fine grained, trace pyrite.
1540 - 1730	Shale as above, 10% sand, silty, fine grained.
<u>Weathered Mississippian Formation</u>	
1730 - 1740	Shale, light to dark gray, trace lignite, fine textured, with numerous carbonaceous smears.
1740 - 1780	Shale as above, slightly calcareous.
<u>Mississippian Formation</u>	
1780 - 1950	Shale as above, bituminous, slightly glauconitic, slightly calcareous, trace white speck
1950 - 2210	Shale, gray to black, carbonaceous, light tan to brown sandstone, micaceous, fine grained.
2210 - 2340	Shale as above, silty and sand as above.
2340 - 2350	Shale as above, trace black, silty, bituminous shale.
<u>Exshaw Formation</u>	
2350 - 2370	Shale, black, siliceous, bituminous.
<u>Devonian Formation (Wabamun Equivalent)</u>	
2370 - 2380	Shale, light green to gray, argillaceous, calcareous, trace sandstone with calcareous matrix, trace brownish gray fragmental limestone.
2380 - 2500	Shale as above.
2500 - 2510	Shale as above, with 30% limestone as above, silty.
2510 - 2520	Shale as above, with 10% limestone as above.
<u>First Limestone Formation</u>	
2520 - 2590	Limestone, brownish gray to greenish gray, argillaceous, silty, fragmental to dense.
2590 - 2600	Shale, greenish gray, silty, slightly calcareous, 20% limestone as above.
2600 - 2630	Shale as above, 10% limestone as above.
2630 - 2650	Shale as above, 5% limestone as above.
2650 - 3270	Shale as above.
3270 - 3360	Shale as above, 10% limestone, brown to tan, chalky, silty, dense.
<u>Second Limestone Formation</u>	
3360 - 3370	Limestone as above, 50% shale as above.
3370 - 3420	Limestone as above.
3420 - 3440	Limestone as above, 10% shale, dark brown to gray, calcareous.
3440 - 3460	Limestone as above.

3460 - 3500	Limestone as above, 10% shale as above.
3500 - 3520	Limestone as above, 15% sandstone, gray to brownish gray, fine grained, calcareous, silty, trace of gray to dark gray, argillaceous shale.
3520 - 3540	As above, 40% sandstone.
3540 - 3690	Sandstone as above, 10% limestone as above.
3690 - 3710	As above, trace dark gray argillaceous shale.
3710 - 3720	As above, no shale.
3720 - 3740	As above, 20% limestone as above.
3740 - 4520	Shale, gray to dark gray, argillaceous, calcareous, sandstone, tan to brown to gray, calcareous matrix.
4520 - 4560	As above, 10% limestone, light gray, dense.
<u>Third Limestone Formation</u>	
<u>(Island River Member)</u>	
4560 - 4640	Limestone, white to light gray to brownish gray, chalky, dense, rare trace of pinpoint porosity, no show.
<u>Hay River Formation</u>	
4640 - 4650	Limestone as above, 50% shale, gray-green to dark gray to black, silty texture, pyritic in part.
4650 - 5740	Shale, gray-green to dark gray to black, silty texture, pyritic in part.
5740 - 6100	Shale as above, non-calcareous.
Note: Samples from 6100' to 7319' were rerun by Mr. L.J. Martin, Consulting Geologist, Calgary, Alberta.	
6100 - 6110	Shale, medium greenish to brownish gray, soft, irregular fracture, non-calcareous.
6110 - 6260	Shale as above.
<u>Spence River Formation</u>	
6260 - 6270	Shale, brownish black, bituminous, trace limestone, light brown, fine.
6270 - 6280	Shale, black, bituminous, slightly siliceous in part.
6280 - 6290	Shale, as above, moderately to strongly siliceous, pyritic.
6290 - 6300	Shale, as above.
<u>Slave Point Formation</u>	
6300 - 6320	Limestone, light brown, consists of large Amphipora in matrix of very fine to medium, poorly sorted fragmental.
6320 - 6376	Core No. 1
6376 - 6451	Core No. 2
6451 - 6460	Limestone, light brown, consists of Amphipora in matrix of very fine to fine fragmental.
6460 - 6470	Matrix predominates.
6470 - 6480	Limestone, as above, becoming medium brown.
6480 - 6490	Limestone, as above, mainly very fine grained.
6490 - 6500	Limestone, as above, contains pyrobitumen coated stylolites.
	Limestone, very light brown to medium brown, finely crystalline and very fine to medium poorly sorted fragmental, original intergranular porosity infilled with secondary calcite, in part coated with pyrobitumen.

6500 - 6510

Limestone, very light to light brown, very fine to medium poorly sorted fragmental, a few fractures infilled with secondary calcite.

6510 - 6530

Limestone, as above.

6530 - 6540

Limestone, very light to light brown, very fine to medium poorly sorted fragmental, original intergranular porosity infilled with secondary calcite. Trace pyrobitumen.

6540 - 6610

Limestone, as above.

6610 - 6620

Limestone, light brown to light gray, fine to coarse moderately to poorly sorted fragmental. Trace to fair original porosity infilled with secondary calcite. Trace pyrobitumen.

6620 - 6640

Limestone, as above.

6640 - 6650

Limestone, light brown to light gray, very fine to medium fragmental. Trace large *Amphipora*.

6650 - 6660

Limestone, as above and 50% Limestone, as above.

6660 - 6670

Limestone, grayish brown, slightly argillaceous, bituminous, very fine to fine fragmental.

6670 - 6680

Limestone, as above.

6680 - 6700

Limestone, as above, 30% brown oolitic.

6700 - 6710

Limestone, grayish brown, argillaceous, as above.

6710 - 6720

Limestone, as above.

Argill. Limestone Unit

6720 - 6730

Limestone, light to dark grayish brown, argillaceous, bituminous, fine crystalline and very fine to fine fragmental.

6730 - 6820

Limestone, as above.

6820 - 6830

Limestone, as above, black bituminous shale partings.

6830 - 6870

Limestone, as above.

6870 - 6880

Limestone, as above, 20% Limestone, brown, medium fragmental to oolitic.

6880 - 6890

Limestone, as above, 10% brown fragmental as last above.

6890 - 6900

Limestone, medium brown to grayish brown, dolomitic, fine crystalline to fine fragmental. 20% Dolomite, brown to dark brown, fine sucrosic, calcareous, bituminous, silty.

6900 - 6910

Limestone, as above, 10% Dolomite, as above.

6910 - 6930

Limestone, as above, 30% Dolomite, as above.

6930 - 6940

Limestone, as above, 10% Dolomite, as above.

6940 - 6950

Limestone, as above, becoming argillaceous and bituminous, darker coloured, and 20% Dolomite, as above.

6950 - 6960

Limestone, light to medium brown, dolomitic, fine crystalline to fine fragmental, and 40% Dolomite, medium to dark brown, bituminous, fine sucrosic.

6960 - 6970

Dolomite, brown, fine sucrosic to crystalline, silty, trace poor porosity, 40% Limestone, as above.

6970 - 6980

Dolomite, as above, and Dolomite, light brown, very fine sucrosic, silty.

6980 - 6990

Dolomite, as above, trace poor porosity and 20% Limestone, brown, fine crystalline to fine fragmental.

Watt Mountain Formation

6990 - 7000	Dolomite, as above, and 50% Limestone, as below.
7000 - 7010	Limestone, brownish, slightly greenish gray, argillaceous, very fine to oolitic, pyritic, brecciated in part, and 20% Shale, grayish green, fine textured, pyritic.
7010 - 7020	Limestone, as above, brown.
7020 - 7030	Limestone, as above, and 30% Sandstone, white, medium to coarse grained, well rounded, moderately well sorted, calcareous, and 10% Shale, as above.
7030 - 7040	Limestone, light brown to light gray, fine, fragmental in part, argillaceous, trace Sandstone, as above.
7040 - 7050	Limestone, as above, trace Shale, as above, and 10% Siltstone, white calcareous.

Lower Elk Point
Equivalent

7050 - 7060	Anhydrite, light gray to light brown, fine, slightly to moderately dolomitic, pyritic.
7060 - 7100	Anhydrite, as above.
7100 - 7110	Anhydrite, as above, in part with floating well rounded medium sand grains.
7110 - 7140	Anhydrite, as above.
7140 - 7150	Anhydrite, as above, abundant floating sand grains.
<u>Quartzite</u>	
7150 - 7160	Quartzite, light gray to light green, fine to medium, strongly siliceous, and 50% Anhydrite, as above.
7160 - 7170	Quartzite, as above, and 5% Chert, green, pyritic, probably silicified siltstone or shale.
7170 - 7189	Quartzite, as above.
7189 - 7203	Core No. 3
7203 - 7210	Chert, light green, in part light brown, in part nodular textured, probably silicified shale or siltstone.
7210 - 7220	Chert, as above, and 10% Shale, red.
7220 - 7230	Chert, as above, and pinkish in part, sandy in part.
7230 - 7240	Chert, as above, light green, trace red and maroon shale.
7240 - 7249	Chert, as above, light green to light gray, sandy.
7249 - 7252	Core No. 4
7252 - 7270	Chert, as above.
7270 - 7280	Chert, as above, and 30% Quartzite, very fine to fine, siliceous, gray to greenish and brownish, gradational from chert.
7280 - 7290	Chert, as above, and 40% Quartzite, as above.
7290 - 7300	Chert, as above, and 30% Quartzite, as above.
7300 - 7310	Quartzite, grayish green and reddish siliceous, grain boundaries obliterated.
7310 - 7319	Quartzite, as above, and 20% Chert, as above.
7319	TOTAL DEPTH

DRILL STEM TESTS

- DST #1 6,326' - 6,376'. Open hole, choke $\frac{1}{2}$ ", Shut in 30 min., open 60 min., Final shut in 30 min., mud dropped in annulus throughout test (including shut-ins), slight blow throughout shut-in periods. No leak found in tools, assumed drill pipe to be leaking. Tester considered test satisfactory with regards to his tool. Recovered 1,750' mud, IHP 3287#, ISIP 1993#, IFP 359#, FFP 665#, FSIP 1550#, FHP 3269#.
- DST #2 6,320' - 6,618'. Open hole, choke $\frac{1}{2}$ ", ran in to within 25 stands off bottom and noticed air flow from pipe and mud drop in annulus, filled pipe with water and pulled out, found leaking tool joint. IHP 2582#, FHP 2644#.
- DST #3 6,320' - 6,618'. Open hole, choke $\frac{1}{2}$ ", Shut in 60 min., Open 60 min., Shut in 60 min., test satisfactory, intermittent plugging during flow period, recovered 145' mud. IHP 3339#, ISIP 2102#, IFP 124#, FFP 242#, FSIP 1073#, FHP 3333#.
- DST #4 6,872' - 7,020'. Bypass straddle packer, choke $\frac{1}{2}$ ", Shut in 60 min., Open 60 min., Shut in 60 min., test considered satisfactory, chart shows intermittent plugging of tool, good initial puff, weak blow dead in 30 min., recovered 90' mud, IHP 3583#, ISIP 2562#, IFP 171#, FFP 213#, FSIP 2032#, FHP 3557#.
- DST #5 6,480' - 6,539'. Bypass straddle packer, choke $\frac{1}{2}$ ", tool plugged. Misrun.
- DST #6 6,490' - 6,530'. Bypass straddle packer, choke $\frac{1}{2}$ ", Shut in 30 min., Open in 60 min., Shut in 60 min., good initial puff, weak air blow dead in 30 min., test satisfactory, recovered 450' mud. IHP 3587#, ISIP 2561#, IFP 303#, FFP 321#, FSIP 1887#, FHP 3,436#.

CASING RECORD

CASING PROGRAM

Ran 20 joints of 13-3/8 - 54.5# - 8 R & H Mannesmann casing. Landed at 600', cemented with 491 sacks cement, 2% CaCl. Plug down at 10:06 P.M., March 21, 1961.

Details: Howco Guide Shoe set at 600'
 Howco Float Collar set at 572.47'
 Howco Centralizers at 595', 572', 508'

 Start Mixing -
 Finished Mixing -
 Start Plug -
 Plug Down - 10:06 P.M.
 Plug pumped to 572'
 Maximum p.s.i. 1200#
 Bled off to 0 in 15 minutes

Ran 108 joints of 9-5/8 - 36# - 8 RD - Rge. 2 & 3 seamless Mannesmann casing. Landed at 3,400', cemented with 350 sacks cement, 2% CaCl. Plug down at 2:55 P.M., March 30, 1961.

Details: Howco Shoe set at 3,400'
 Howco Float Shoe set at 3,366.47'
 Centralizers - 2 on first joint
 1 on third joint
 1 on fourth joint
 1 on fifth joint
 (above all from bottom)

 Start Mixing - 1:40 P.M.
 Finished Mixing - 2:00 P.M.
 Start Plug - 2:05 P.M.
 Plug Down - 2:55 P.M.
 Maximum p.s.i. 1100#
 Bled off to 0 in 15 minutes.

BIT RECORD

<u>Make</u>	<u>Size</u>	<u>Type</u>	<u>Ser. #</u>	<u>From</u>	<u>To</u>	<u>Hours</u>	<u>Condition</u>
Sec.	8-3/4	S3	479026	0	44	4	Dull
Smith	12-1/4	K2P	R.R.	0	190	9-1/2	Dull
H.T.C.	12-1/4	OSC3	36571	190	600	8-1/2	Good
Sec.	17-1/4	Reamer	1686	0	600	4-3/4	Dull
H.T.C.	12-1/4	OSC3	61741	600	1478	17-1/4	Dull
H.T.C.	12-1/4	OSC3	36578	1478	2202	25-1/2	Dull
Sec.	12-1/4	S4	462361	2202	2650	23-1/4	Dull
H.T.C.	12-1/4	OSC1G	45440	2650	3400	32-1/4	Dull
Sec.	8-3/4	S6	498176	3400	3593	17-1/4	Fair
H.T.C.	8-3/4	OSC1G	25508	3593	3942	16-1/2	Dull
H.T.C.	8-3/4	OSC3	27688	3492	4396	21-1/2	Dull
H.T.C.	8-3/4	OSC1G	25494	4396	4652	15-3/4	Dull
Sec.	8-3/4	S6	498171	4652	4954	18-1/2	Dull
Sec.	8-3/4	S3	406248	4954	5596	26-1/2	Dull
H.T.C.	8-3/4	LW3	9992	5596	5799	11-1/2	Locked
H.T.C.	8-3/4	OSC3	7574	5799	6269	27-3/4	Locked
Smith	8-3/4	K2P	51382	6269	6320	4-3/4	Dull
Diamond	6-1/8	-	3301	6320	6376	20-3/4	Good
H.T.C.	8-3/4	W7	68209	6320	6376	6	Fair
Diamond	6-1/8	-	3301	6376	6451	31-1/2	Good
H.T.C.	8-3/4	W7	68208	6376	6478	14-1/4	Lost cone
H.T.C.	8-3/4	W7	69328	6478	6478	0	Lock on Iron
Sec.	8-3/4	S6	489382	6478	6618	20-3/4	Dull
H.T.C.	8-3/4	OSC1G	25490	6618	6742	21-1/2	Dull
H.T.C.	8-3/4	OSC1G	67428	6742	6836	19-3/4	Dull
Smith	8-3/4	K2P	61580	6836	6959	24-1/4	Dull
H.T.C.	8-3/4	OSC	37953	6959	6999	9-3/4	Dull
H.T.C.	8-3/4	W7	46952	6999	7058	15-1/2	Dull
H.T.C.	8-3/4	OWV	6045	7058	7101	14-1/4	Dull
Sec.	8-3/4	H7	485983	7101	7169	22-1/2	Dull
Sec.	8-3/4	H7	421393	7169	7189	10-1/4	Fair
Diamond	6-1/8	-	3301	7189	7203	10-1/4	Good
H.T.C.	8-3/4	W7R2	47974	7189	7249	19-1/4	Dull
Diamond	6-1/8	-	3301	7249	7252	3-1/4	Good
Sec.	8-3/4	H7	409132	7249	7280	13-3/4	Dull
H.T.C.	8-3/4	W7R2	47805	7280	7302	10	Dull
Sec.	8-3/4	H7TW	444553	7302	7319	10-1/4	Dull
TOTAL DEPTH					7319		

MUD REPORTMUD & ADDITIVES USED

99,700 lbs. Gel., 60 lbs. Lime, 9,500 lbs. Plaster, 200 lbs. Fiber Seal, 900 lbs. Bicarbonate of Soda, 3,475 Spersene, 800 lbs. Caustic, 190 bbls. Diesel Fuel, 225 Driscose, 14,400 Mvlogel, 1,950 Preservatives, 10 lbs. Aluminum Sterate.

SUMMARY

Used gel type mud with lost circulation material to 600'. From 600' to 3,400' gel type. From 3,400' to T.D., gyp base mud with diesel fuel.

MUD CHARACTERISTICS

<u>Depth</u>	<u>Weight</u>	<u>Viscosity</u>	<u>W.L.</u>	<u>F.C.</u>	<u>PH</u>
487	9.6	50			
3,055	10.4	42	7.2	2/32	9.5
5,650	10	89	2.6	2/32	8.0
6,618	10.1	270	3.2	2/32	7.8
6,799	10.2	253	4.2	2/32	7.8
7,995	10.0	210	3.0	2/32	7.8
7,308	10.0	178	3.4	2/32	7.8
7,319	10.0	250	3	2/32	7.8

DEVIATION RECORD

<u>DEPTH SURVEY</u>	<u>DEGREE</u>
94	1/2
221	1/2
478	1/4
1478	1-1/4
2202	1-3/4
2642	2
3327	3/4
4220	1/4
4306	1/4
4634	3/4
4933	3/4
5370	1-1/2
5762	2
6320	2-3/4
6320	2-3/4
6618	3-1/4
6742	3-1/4
6836	3-1/4

ABANDONMENT PLUGSPLUG NO.DEPTH

1	7319 -
2	6400 - 6250
3	3450 - 3250
4	650 - 550
5	10 Sacks to Surface

LOST CIRCULATION ZONES

Lost circulation was not experienced on this well.

BLOWOUT REPORT

Blowouts were not experienced on this well.

MURPHY B.O.C. MUSKEG RIVER NO. I

SECTION IV

LOGS

LOG DATA

<u>TYPE OF LOGS</u>	<u>DATE RUN</u>	<u>INTERVAL</u>	<u>SCALE</u>
Induction Electric Logs	1. March 21, 1961	100 - 598	2" & 5"
	2. March 29, 1961	597 - 3400	2" & 5"
	3. May 1, 1961	3400 - 7321	2" & 5"
Micro-Log Caliper	1. March 20, 1961	30' - 598	5"
	2. March 29, 1961	596 - 3400	5"
	3. May 2, 1961	3399 - 7320	5"
Sonic Log	1. March 29, 1961	597 - 3397	
	2. May 1, 1961	3398 - 7320	
Geophysical Log		600' - 7310	
Continuous Velocity Log			

MURPHY B.O.C. MUSKEG RIVER NO. I

SECTION V

ANALYSIS

ANALYSIS

CORE ANALYSIS

None

WATER ANALYSIS

None

GAS ANALYSIS

None

OIL ANALYSIS

None

MURPHY B.O.C. MUSKEG RIVER NO. I

SECTION VI

COMPLETION SUMMARY

TUBING RECORD

Well Abandoned

PERFORATION RECORD

Well Abandoned

CEMENTATION RECORD

Hole was filled with 10.1 lb. mud at 250 viscosity during the time plugs were circulated to their positions.

Plugs were set at the following

depths:

Plug #1	7319 to	50 sacks	On bottom
Plug #2	6400 to 6250	70 sacks	Felt at 6235
Plug #3	3450 to 3250	85 sacks	Felt at 3260
Plug #4	650 to 550	82 sacks	Felt at 555
Plug #5	10 sacks to surface with cap welded on top of cut off casing. A monument consisting of 2" pipe 4' high attached to plate. Well name plate attached to pipe.		

ACIDIZATION AND
FRACTURING RECORD

Nil

BACK PRESSURE AND
PRODUCTION TESTS

Nil

[illegible]

DAILY DRILLING REPORT

FOR Amurex		LOCATION	LSD.	SEC.	TWP.	RGE.	WELL NAME Murphy B. O.C. Muskeg River #1	PROVINCE N.W.T.
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 42	TOOL JOINT 5 3/4	OD 1H	DRILL PIPE GRADE D 2	PUMPS No. 1 National C350 No. 2 Oilwell 214-P No. 3	CASING & LINER RECORD
OPERATOR'S REPRESENTATIVE <i>Kirk Babb</i>		CONTRACTOR'S TOOL-PUSHER <i>P. J. V. L.</i>						

TIME DISTRIBUTION—HOURS				MORNING TOUR										DAY TOUR										EVENING TOUR												
				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
				STANDS	DP	FT.	Drilling or Core Bit No.																													
DRILLING				SNGLS.	DP	FT.	TYPE																													
TRIPPING				D.C.	OD	FT.	SIZE																													
RIG MAINTENANCE				RMR BODY	OD	FT.	SERIAL No.																													
RIG REPAIRS				STB BODY	OD	FT.	DEPTH IN																													
HOLE SURVEYS				SUBS	OD	FT.	DEPTH OUT																													
CONDITIONING MUD				BIT OR C.B.		FT.	FT. DRILLED																													
CONDITIONING HOLE						FT.	FT. REAMED																													
Reaming & Cleaning To Bottom				Kelly Down		FT.	FT. CORED																													
WORKING OR STUCK PIPE				TOTAL		FT.	CUM. HRS. RUN																													
				WT OF STRING		LBS.	CONDITION																													
DRILLER <i>A. D. Murray</i>				WEATHER CONDITIONS																																

WIRE LINE RECORD				DAY TOUR										EVENING TOUR																						
				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
				STANDS	DP	FT.	Drilling or Core Bit No.																													
NO. OF LINES				SNGLS.	DP	FT.	TYPE																													
FEET SLIPPED				D.C.	OD	FT.	SIZE																													
FEET CUT OFF				RMR BODY	OD	FT.	SERIAL No.																													
PRESENT LENGTH				STB BODY	OD	FT.	DEPTH IN																													
TON MI. or TRIPS SINCE LAST CUT				SUBS	OD	FT.	DEPTH OUT																													
CUMULATIVE TON MI. or TRIPS				BIT OR C.B.		FT.	FT. DRILLED																													
						FT.	FT. REAMED																													
NO. OF DAYS FROM SPUD				Kelly Down		FT.	FT. CORED																													
CUMULATIVE ROTATING HRS.				TOTAL		FT.	CUM. HRS. RUN																													
DAYS SINCE LAST ACCNT.				WT OF STRING		LBS.	CONDITION																													
DRILLER ACCNT. FREE DAYS				DRILLER <i>W. Brooks</i>	WEATHER CONDITIONS																															

DAILY DRILLING REPORT

OPERATOR		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE			
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	OD	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	DEPTH SET	TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED							No.	MANUFACTURER	TYPE	FROM	TO		
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD.									
Ruth Bahl		A. Latus											

TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD					
						From To		Elapsed Time		REMARKS								TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
DRILLING		STANDS DP	FT.	Drilling or Core Bit No.														WEIGHT					
TRIPPING	3	SNGLS. DP	FT.	TYPE														VISC.					
RIG MAINTENANCE		D.C. OD	FT.	SIZE														W.L.-C.C.					
RIG REPAIRS		RMR BODY OD	FT.	NOZZ. SIZE														FLTR. CK.					
HOLE SURVEYS		STR BODY OD	FT.	SERIAL No.														pH					
CONDITIONING MUD		SUBS OD	FT.	DEPTH IN														SD. CONT.					
CONDITIONING HOLE		BIT OR C.B.	FT.	DEPTH OUT														MUD & CHEMICALS ADDED					
Reaming & Cleaning To Bottom			FT.	FT. DRILLED														TYPE	AMT.	TYPE	AMT.		
WORKING OR STUCK PIPE			FT.	FT. REAMED																			
FISHING		Kelly Down	FT.	FT. CORED																			
LOST CIRCULATION		TOTAL	FT.	CUM. HRS. RUN																			
CASING		WT OF STRING	LBS.	CONDITION																			
WAITING ON CEMENT		DRILLER																					
HEADING UP AND DRILLING OUT		WEATHER CONDITIONS																					
MISCELLANEOUS	5																						
SUB TOTAL	8																						
DAYWORK HOURS																							
TOTAL HOURS																							

TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD					
						From To		Elapsed Time		REMARKS								TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
DRILLING		STANDS DP	FT.	Drilling or Core Bit No.														WEIGHT					
TRIPPING		SNGLS. DP	FT.	TYPE														VISC.					
RIG MAINTENANCE		D.C. OD	FT.	SIZE														W.L.-C.C.					
RIG REPAIRS		RMR BODY OD	FT.	NOZZ. SIZE														FLTR. CK.					
HOLE SURVEYS		STR BODY OD	FT.	SERIAL No.														pH					
CONDITIONING MUD		SUBS OD	FT.	DEPTH IN														SD. CONT.					
CONDITIONING HOLE		BIT OR C.B.	FT.	DEPTH OUT														MUD & CHEMICALS ADDED					
Reaming & Cleaning To Bottom			FT.	FT. DRILLED														TYPE	AMT.	TYPE	AMT.		
WORKING OR STUCK PIPE			FT.	FT. REAMED																			
FISHING		Kelly Down	FT.	FT. CORED																			
LOST CIRCULATION		TOTAL	FT.	CUM. HRS. RUN																			
CASING		WT OF STRING	LBS.	CONDITION																			
WAITING ON CEMENT		DRILLER																					
HEADING UP AND DRILLING OUT		WEATHER CONDITIONS																					
MISCELLANEOUS																							
SUB TOTAL																							
DAYWORK HOURS																							
TOTAL HOURS																							

TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD					
						From To		Elapsed Time		REMARKS								TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
DRILLING		STANDS DP	FT.	Drilling or Core Bit No.														WEIGHT					
TRIPPING		SNGLS. DP	FT.	TYPE														VISC.					
RIG MAINTENANCE		D.C. OD	FT.	SIZE														W.L.-C.C.					
RIG REPAIRS		RMR BODY OD	FT.	NOZZ. SIZE														FLTR. CK.					
HOLE SURVEYS		STR BODY OD	FT.	SERIAL No.														pH					
CONDITIONING MUD		SUBS OD	FT.	DEPTH IN														SD. CONT.					
CONDITIONING HOLE		BIT OR C.B.	FT.	DEPTH OUT														MUD & CHEMICALS ADDED					
Reaming & Cleaning To Bottom			FT.	FT. DRILLED														TYPE	AMT.	TYPE	AMT.		
WORKING OR STUCK PIPE			FT.	FT. REAMED																			
FISHING		Kelly Down	FT.	FT. CORED																			
LOST CIRCULATION		TOTAL	FT.	CUM. HRS. RUN																			
CASING		WT OF STRING	LBS.	CONDITION																			
WAITING ON CEMENT		DRILLER																					
HEADING UP AND DRILLING OUT		WEATHER CONDITIONS																					
MISCELLANEOUS																							
SUB TOTAL																							
DAYWORK HOURS																							
TOTAL HOURS																							

REPORT No.

48

DATE:

May 3 - 61

DAILY DRILLING REPORT

OPERATOR Amurex		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME Murphy B.O.C. Muskeg River #1	PROVINCE N.W.T.
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. & SIZE 4 1/2	TOOL JOINT 5 3/4	OD FH	DRILL PIPE GRADE D 2	PUMPS		CASING & LINER RECORD
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER A. S. S.		TYPE THD.		No. MANUFACTURER TYPE		SIZE WT & GR.	DEPTH SET FROM TO
						1. National C 350			
						2. Oil well 2 1/4 - P.			
						3.			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING			
TRIPPING	3 1/4	1 1/4	
RIG MAINTENANCE	4	4	
RIG REPAIRS			
HOLE SURVEYS			
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom			
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS	4 1/2	6 1/2	
SUB TOTAL	8	8	
DAYWORK HOURS			
TOTAL HOURS			

MORNING TOUR

DAY TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
STANDS	DP	FT.	Drilling or Core Bit No.											TIME
SNGLS.	DP	FT.	TYPE											1st HR.
D.C.	OD	FT.	SIZE											3rd HR.
	OD	FT.	NOZZ. SIZE											5th HR.
RMR BODY	OD	FT.	SERIAL No.											7th HR.
STB BODY	OD	FT.	DEPTH IN											WEIGHT
SUBS	OD	FT.	DEPTH OUT											VISC.
BIT OR C.B.	FT.	FT. DRILLED												W.L.-C.C.
	FT.	FT. REAMED												FLTR. CK.
Kelly Down	FT.	FT. CORED												pH
TOTAL	FT.	CUM. HRS. RUN												SD. CONT.
WT OF STRING	LBS.	CONDITION												MUD & CHEMICALS ADDED
DRILLER														
WEATHER CONDITIONS														

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
STANDS	DP	FT.	Drilling or Core Bit No.											TIME
SNGLS.	DP	FT.	TYPE											1st HR.
D.C.	OD	FT.	SIZE											3rd HR.
	OD	FT.	NOZZ. SIZE											5th HR.
RMR BODY	OD	FT.	SERIAL No.											7th HR.
STB BODY	OD	FT.	DEPTH IN											WEIGHT
SUBS	OD	FT.	DEPTH OUT											VISC.
BIT OR C.B.	FT.	FT. DRILLED												W.L.-C.C.
	FT.	FT. REAMED												FLTR. CK.
Kelly Down	FT.	FT. CORED												pH
TOTAL	FT.	CUM. HRS. RUN												SD. CONT.
WT OF STRING	LBS.	CONDITION												MUD & CHEMICALS ADDED
DRILLER														
WEATHER CONDITIONS														

EVENING TOUR

WIRE LINE RECORD
REEL NO.
NO. OF LINES
SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OF TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OF TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
DAYS SINCE LAST ACCDNT.
DRILLER ACCDNT. FREE DAYS
MORNING TOUR
DAY TOUR
EVENING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
STANDS	DP	FT.	Drilling or Core Bit No.											TIME
SNGLS.	DP	FT.	TYPE											1st HR.
D.C.	OD	FT.	SIZE											3rd HR.
	OD	FT.	NOZZ. SIZE											5th HR.
RMR BODY	OD	FT.	SERIAL No.											7th HR.
STB BODY	OD	FT.	DEPTH IN											WEIGHT
SUBS	OD	FT.	DEPTH OUT											VISC.
BIT OR C.B.	FT.	FT. DRILLED												W.L.-C.C.
	FT.	FT. REAMED												FLTR. CK.
Kelly Down	FT.	FT. CORED												pH
TOTAL	FT.	CUM. HRS. RUN												SD. CONT.
WT OF STRING	LBS.	CONDITION												MUD & CHEMICALS ADDED
DRILLER														
WEATHER CONDITIONS														

REPORT No. 47

DATE: May 4/61

DAILY DRILLING REPORT

OPERATOR <i>Amurax</i>		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE					
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO.	TOOL JOINT	OD	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED		8	42	5 3/4	OD	D 2	1. National C 350 2. Oilwell 2 1/4-1"								
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER													
<i>Kirk Baal</i>		<i>Alan Hato</i>													

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING			
TRIPPING	4 1/2	1 1/3	
RIG MAINTENANCE		1 1/4	
RIG REPAIRS			
HOLE SURVEYS			
CONDITIONING MUD			
CONDITIONING HOLE		2	
Reaming & Cleaning To Bottom		1 1/2	
WORKING OR STUCK PIPE			
Testing	3 1/4	2 1/2	
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS	1 1/2		
SUB TOTAL	8	8 1/8	
DAYWORK HOURS			
TOTAL HOURS			

MORNING TOUR

NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD					
STANDS	DP	FT.	Drilling or Core Bit No														TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
SNGLS.	DP	FT.	TYPE			7319			7319				PUMP No. 1				WEIGHT					
D.C.	OD	FT.	SIZE										PUMP No. 2				VISC.					
	OD	FT.	NOZZ. SIZE														W.L.-C.C.					
RMR BODY	OD	FT.	SERIAL No.														FLTR. CK.					
STB BODY	OD	FT.	DEPTH IN														pH					
SURS	OD	FT.	DEPTH OUT														SD. CONT.					
B.T OR C.B.		FT.	FT. DRILLED														MUD & CHEMICALS ADDED					
		FT.	FT. REAMED														TYPE	AMT.	TYPE	AMT.		
Kelly Down		FT.	FT. CORED																			
TOTAL		FT.	CUM. HRS. RUN																			
WT OF STRING	LBS.	CONDITION																				
DRILLER	H. D. Murray																					
WEATHER CONDITIONS	Mild																					
DEVIATION RECORD:						DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION								
From To Elapsed Time						REMARKS																
1200 1230 30						Run in with Packer DST. 5																
1230 1300 30						Initial Shut in 6480 - 6539																
1300 230 1						Testing V.O. 60 M.																
230 330 1						Final Shut in Rec.																
330 745 3 3/4						Pulling Out Very Slow. Tight Hole																
745 800 15 1/4						Break Down Packer MISRUN - TOOL PLUGGED																

DAY TOUR

NO.			DRILLING ASSEMBLY			BIT RECORD																																			
STANDS			DP	FT.		Drilling or Core Bit No.			Depth At Beginning of Tour			Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD									
SNGLS.			DP	FT.		TYPE																		PUMP No. 1		1250		6		48		TIME		1st HR.		3rd HR.		5th HR.		7th HR.	
D.C.			OD	FT.		SIZE																		PUMP No. 2								WEIGHT									
OD			OD	FT.		NOZZ. SIZE																										VISC.									
RMR BODY			OD	FT.		SERIAL No.																										W.L.-C.C.									
STB BODY			OD	FT.		DEPTH IN																										FLTR. CK.									
SUBS			OD	FT.		DEPTH OUT																										pH									
BIT OR C.B.				FT.		FT. DRILLED																										SD. CONT.									
				FT.		FT. REAMED																																			
Kelly Down			11	FT.		FT. CORED																																			
TOTAL			7319	FT.		CUM. HRS. RUN																																			
WT OF STRING			150	LBS.		CONDITION																																			
DRILLER			C. Saville																																						
WEATHER CONDITIONS			Warm																																						

Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN	

EVENING TOUR

NO. DRILLING ASSEMBLY			BIT RECORD			MUD RECORD																		
STANDS	DP	FT.	Drilling or Core Bit No.			Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	TIME	1st HR.	3rd HR.	5th HR.	7th HR.			
SNGLS.	DP	FT.	TYPE										PUMP No. 1				WEIGHT							
D.C.	OD	FT.	SIZE										PUMP No. 2				VISC.							
13	6 9/16	328 3/4	NOZZ. SIZE														W.L.-C.C.							
RMR BODY	OD	FT.	SERIAL No.			DEVIATION RECORD:		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	FLTR. CK.							
STB BODY	OD	FT.	DEPTH IN			From	To	Elapsed Time		REMARKS										pH				
	SUBS	OD	FT.	DEPTH OUT		4'00	4'30	2	TRIP OUT										SD. CONT.					
	BIT OR C.B.	FT.	FT. DRILLED			4'30	5'00	2	CUT & SLIP 32' DRAG LINE.															
		FT.	FT. REAMED			5'00	5'15	4	RIG SER & CHA B.O.P.S															
Kelly Down		FT.	FT. CORED			5'15	7'00	1	MAKE UP PACKER.															
TOTAL		FT.	CUM. HRS. RUN			7'00	8'45	1	RUN IN															
WT OF STRING	LBS.	CONDITION				8'45	9'15	2	INITIAL SHUT-IN. 11' - 12'00. 3/4 TRIP OUT.															
DRILLER	W. D. Smith					9'15	10'15	1	TOOL OPEN.															
WEATHER CONDITIONS	Misting					10'15	11'15	1	FINAL SHUT-IN.															

REPORT No. 46

DATE: May 3/61

OPERATOR Amurex		LOCATION LSD.		SEC.		TWP.		RGE.		W.		WELL NAME Murphy B.O.C. Muskey River #1		No.		PROVINCE N.W.T.											
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8		DRILL PIPE STRING NO. SIZE 42		TOOL JOINT 5 3/4		OD		DRILL PIPE GRADE 0 2		PUMPS No. MANUFACTURER TYPE 1. National C 350 2. Oilwell 214-P. 3.		CASING & LINER RECORD		SIZE		WT & GR.		DEPTH SET FROM TO		TYPE OF CEMENT		CEMENT USED		OTHER	
OPERATOR'S REPRESENTATIVE Rick Bass		CONTRACTOR'S TOOL PUSHER																									
TIME DISTRIBUTION—HOURS		Morn		Day		Eve																					
DRILLING																											
TRIPPING																											
LOGGING		6		2		35		2																			
RIG MAINTENANCE																											
RIG REPAIRS																											
HOLE SURVEYS																											
CONDITIONING MUD																											
CONDITIONING HOLE																											
Reaming & Cleaning To Bottom																											
WORKING OR STUCK PIPE																											
FISHING		1		4		3																					
LOST CIRCULATION																											
CASING																											
WAITING ON CEMENT																											
HEADING UP AND DRILLING OUT																											
MISCELLANEOUS		3		4		2		2																			
SUB TOTAL		8		8		8																					
DAYWORK HOURS																											
TOTAL HOURS																											
WIRE LINE RECORD																											
REEL NO.																											
NO. OF LINES																											
SIZE																											
FEET SLIPPED																											
FEET CUT OFF																											
PRESENT LENGTH																											
TON MI. or TRIPS SINCE LAST CUT																											
CUMULATIVE TON MI. or TRIPS																											
NO. OF DAYS FROM SPUD																											
CUMULATIVE ROTATING HRS.																											
DAYS SINCE LAST ACCT.																											
DRILLER ACCT. FREE DAYS																											
MORNING TOUR																											

DAILY DRILLING REPORT										WELL NAME										PROVINCE									
OPERATOR										LOCATION										LSD.									
CONTRACTOR										RIG NO.										DRILL PIPE									
PETER BAWDEN DRILLING LIMITED										8										TOOL JOINT									
OPERATOR'S REPRESENTATIVE										CONTRACTOR'S TOOL PUSHER										PUMPS									
Rick Ball										Q. Sato										Casing & Liner Record									
TIME DISTRIBUTION—HOURS										NO. DRILLING ASSEMBLY										BIT RECORD									
Morn Day Eve										14 STANDS DP 6630.5 FT.										Drilling or Core Bit No. 29									
DRILLING 6 3/4										1 SNGLS. DP 30.10 FT.										TYPE H7TW									
TRIPPING 2 3/4										22 D.C. 6 9/16 OD 639.36 FT.										SIZE 8 3/4									
RIG MAINTENANCE 1/4 1/4										RMR BODY OD FT.										NOZZ. SIZE 1 1/16									
RIG REPAIRS										STB BODY OD FT.										SERIAL No. 444553									
HOLE SURVEYS										1 SUBS OD 1.90 FT.										DEPTH IN 7302									
CONDITIONING MUD										BIT OR C.B. FT.										DEPTH OUT 17									
CONDITIONING HOLE 1										Kelly Down 17.13 FT.										FT. REAMED									
Reaming & Cleaning To Bottom										TOTAL 7319.00 FT.										CUM. HRS. RUN 10 1/4									
WORKING OR STUCK PIPE										WT OF STRING 175000 LBS.										CONDITION									
FISHING										DRILLER R.D. Murphy										WEATHER CONDITIONS Cold									
LOST CIRCULATION										NO. DRILLING ASSEMBLY										BIT RECORD									
CASING										14 STANDS DP 6630.5 FT.										Drilling or Core Bit No. 29									
WAITING ON CEMENT										1 SNGLS. DP 30.10 FT.										TYPE H7TW									
HEADING UP AND DRILLING OUT										22 D.C. 6 9/16 OD 639.36 FT.										SIZE 8 3/4									
MISCELLANEOUS 5										OD FT.										NOZZ. SIZE 1 1/16									
SUB TOTAL 8 8										RMR BODY OD FT.										SERIAL No. 444553									
DAYWORK HOURS										STB BODY OD FT.										DEPTH IN 7302									
TOTAL HOURS										1 SUBS OD 1.90 FT.										DEPTH OUT 7319									
WIRE LINE RECORD										BIT OR C.B. FT.										FT. REAMED									
REEL NO.										Kelly Down 17 FT.										FT. CORED									
NO. OF LINES SIZE										TOTAL 7319 FT.										CUM. HRS. RUN 10 1/4									
FEET SLIPPED										WT OF STRING 175000 LBS.										CONDITION									
FEET CUT OFF										DRILLER C. Saville										WEATHER CONDITIONS Warm									
PRESENT LENGTH										NO. DRILLING ASSEMBLY										BIT RECORD									
TON MI. or TRIPS SINCE LAST CUT										14 STANDS DP 6630.6 FT.										Drilling or Core Bit No.									
CUMULATIVE TON MI. or TRIPS										1 SNGLS. DP 30.10 FT.										TYPE									
NO. OF DAYS FROM SPUD										22 D.C. 6 9/16 OD 639.36 FT.										SIZE									
CUMULATIVE ROTATING HRS.										RMR BODY OD FT.										NOZZ. SIZE									
DAYS SINCE LAST ACCNT.										STB BODY OD FT.										SERIAL No.									
DRILLER ACCNT. FREE DAYS										SUBS OD FT.										DEPTH IN									
MORNING TOUR 132										BIT OR C.B. FT.										DEPTH OUT									
DAY TOUR 67										Kelly Down 17.13 FT.										FT. REAMED									
EVENING TOUR										TOTAL 7319.00 FT.										CUM. HRS. RUN									
										WT OF STRING 175000 LBS.										CONDITION									
										DRILLER W. S. Smith										WEATHER CONDITIONS									

DAILY DRILLING REPORT

OPERATOR Amurex		LOCATION W. Murphy B.O.C. Muskeg River #1	LSD.	SEC.	TWP.	RGE.	WELL NAME W. Murphy B.O.C. Muskeg River #1	PROVINCE N.W.T.
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. & SIZE 4 3/4	TOOL JOINT 5 3/4	OD 0 2	DRILL PIPE GRADE 0 2	PUMPS No. MANUFACTURER TYPE 1. National C.350 2. Oilwell 310-P. 3.	CASING & LINER RECORD SIZE WT & GR. DEPTH SET FROM TO TYPE OF CEMENT CEMENT USED OTHER
OPERATOR'S REPRESENTATIVE Bill Bawden		CONTRACTOR'S TOOL PUSHER G. H. H.						

TIME DISTRIBUTION—HOURS				MORNING TOUR										DAY TOUR										EVENING TOUR									
	Morn	Day	Eve	NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD												
DRILLING	2 3/4	6		14	STANDS	DP	6630.5	Drilling or Core Bit No.	28	7280	7		7287		65	55	1250	6	52	24	TIME	1st HR.	3rd HR.	5th HR.	7th HR.								
TRIPPING	3	13		22	OD	639.36	FT.	TYPE	W7R-2												WEIGHT				10.8								
RIG MAINTENANCE	1/4	1/4						SIZE	8 3/4												VISC.				210								
RIG REPAIRS								NOZZ. SIZE	1 1/2												W.L.-C.C.				3.4								
HOLE SURVEYS								SERIAL No.	47805												FLTR. CK.				32								
CONDITIONING MUD								DEPTH IN	7280												pH				7.8								
CONDITIONING HOLE								DEPTH OUT													SD. CONT.												
Reaming & Cleaning To Bottom	1/4							FT. DRILLED	7												MUD & CHEMICALS ADDED												
WORKING OR STUCK PIPE								FT. REAMED	50												TYPE	AMT.	TYPE	AMT.									
FISHING								FT. CORED																									
LOST CIRCULATION								CUM. HRS. RUN	32.4																								
CASING								CONDITION	0.19																								
WAITING ON CEMENT								WT OF STRING	175000																								
HEADING UP AND DRILLING OUT								DRILLER	G.D. Moya																								
MISCELLANEOUS	3/4							WEATHER CONDITIONS	19.10																								
SUB TOTAL	8	8						REMARKS Pull Bit # 27 Service Rig Pipe Rams and Blind Rams Run in D.C. Cut and Slip 32' Drilling Line Run in Bit # 28 Ream under gauge hole 50' Drill																									
DAYWORK HOURS								REMARKS Rig OK 130 Ps Drill 834 Hole Pull out Bit 28																									
TOTAL HOURS								REMARKS Rig OK 130 Ps Drill 834 Hole Pull out Bit 28																									

WIRE LINE RECORD				DAY TOUR										EVENING TOUR											
REEL NO.	NO. OF LINES	SIZE	FEET SLIPPED	NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
	8	1 3/8		14	STANDS	DP	6630.5	Drilling or Core Bit No.	29	7297	15		7202		65	55	1250	6	42	6	TIME	1st HR.	3rd HR.	5th HR.	7th HR.
				22	OD	639.36	FT.	TYPE	W7R-2												WEIGHT				10.1
								SIZE	8 3/4												VISC.				240
								NOZZ. SIZE	1 1/2												W.L.-C.C.				2.6
								SERIAL No.	47805												FLTR. CK.				3.2
								DEPTH IN	7280												pH				7.8
								DEPTH OUT	7202												SD. CONT.				
								FT. DRILLED	22												MUD & CHEMICALS ADDED				
								FT. REAMED	50												TYPE	AMT.	TYPE	AMT.	
								FT. CORED													SPERSE	100			
								CUM. HRS. RUN	10												STARCH	200			
								CONDITION													PRASER	400			
								WT OF STRING	175000																
								DRILLER	C. Saville																
								WEATHER CONDITIONS	Cold																

WIRE LINE RECORD				DAY TOUR										EVENING TOUR											
REEL NO.	NO. OF LINES	SIZE	FEET SLIPPED	NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
	8	1 3/8		14	STANDS	DP	6630.5	Drilling or Core Bit No.	24	7302	6		7308		65	60	1250	6	52		TIME	1st HR.	3rd HR.	5th HR.	7th HR.
				22	OD	639.36	FT.	TYPE	H7TW												WEIGHT				98.99
								SIZE	8 3/4												VISC.				150
								NOZZ. SIZE	1 1/2												W.L.-C.C.				3.8
								SERIAL No.	44453												FLTR. CK.				7.2
								DEPTH IN	7302												pH				7.8
								DEPTH OUT													SD. CONT.				
								FT. DRILLED	6												MUD & CHEMICALS ADDED				
								FT. REAMED													TYPE	AMT.	TYPE	AMT.	
								FT. CORED													Diesel Fuel	566			
								CUM. HRS. RUN	32																
								CONDITION	0.3																
								WT OF STRING	175000																
								DRILLER	W. J. Moya																
								WEATHER CONDITIONS	Cold																

OPERATOR		LOCATION		LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE					
Amurex		53.1		OD					Boc Muskey River	1	NWT					
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	DRILL PIPE GRADE	PUMPS			CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET		TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED		9	2 1/2		D	No.	MANUFACTURER	TYPE				FROM	TO			
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER				1.	Nsco	C350								
A. Bawden						2.	Oilwell	214P								
						3.										

EVENING TOUR	65
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EVENING TOUR

NO. DRILLING ASSEMBLY			BIT RECORD	
73	STANDS	DP	FT.	Drilling or Core Bit No.
D	SNGLS.	DR	6599.2	TYPE
22	D.C	90D	63.936	SIZE
		16OD	FT.	NOZZ. SIZE
	RM2	BODY	OD	FT.
	STB	BODY	OD	FT.
	SUBS	OD	FT.	FT. DRILLED
	BIT OR C.B.		FT.	FT. REAMED
	Kelly Down		FT.	FT. CORED
	TOTAL		FT.	CUM. HRS. RUN
	WT OF STRING		LBS.	CONDITION
	DRILLER			
	WEATHER CONDITIONS			

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.
7265	15		7280		69
DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.
From	To	Elapsed Time	REMARKS		
4:50	10:00	6	Drill 8 3/4" Hole		
10:00	10:05	2	Rig Service CH		
10:05	12:00	1	Pull out Bit 27		

WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
55	PUMP No. 1	1250	6 52	6
	PUMP No. 2		6 1/2	
DIRECTION	DEPTH	DEV.	DIRECTION	

OK 150 Pgs

[illegible]

OPERATOR Amurex		LOCATION LSD.		SEC.		TWP.		RGE.		WELL NAME Murphy B.C.C. Muskeg River #1		No.		PROVINCE N.W.T.							
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8		DRILL PIPE STRING NO. SIZE 42		TOOL JOINT 5 1/2 OD		DRILL PIPE GRADE D 2		PUMPS		CASING & LINER RECORD		DEPTH SET		TYPE OF CEMENT		CEMENT USED		OTHER	
OPERATOR'S REPRESENTATIVE Rick Bass		CONTRACTOR'S TOOL PUSHER								No.		MANUFACTURER		TYPE							
										1.		National		C 350							
										2.		Oilwell		214-P							
										3.											

TIME DISTRIBUTION—HOURS				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		MRS. RUN		MUD RECORD				
				73		STANDS DP 6539.04 FT.		Drilling or Core Bit No. 26		7201		20				7227				65		50		PUMP No. 1 1300		6"		52		52		TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
DRILLING				7 3/4		7 3/4		29.42 FT.		TYPE W7R2														PUMP No. 2 1000		6 1/2		52		2		WEIGHT 99 99 99 10.0				
TRIPPING								D.C. 9 1/16 639.36 FT.		SIZE 8 3/4																						VISC. 220 210 220 220				
RIG MAINTENANCE				1/4		1/4		RMR BODY OD FT.		NOZZ. SIZE 1 1/16																						W.L.-C.C. 3.4 3.6 3.6 3.6				
RIG REPAIRS								SERIAL No. 47974		DEPTH IN 7189																						FLTR. CK. 7/32 7/32 7/32 7/32				
HOLE SURVEYS								DEPTH OUT		DEPTH OUT																						pH 7.1 7.8 7.8 7.8				
CONDITIONING MUD								BIT OR C.B. FT.		FT. DRILLED 24																						SD. CONT.				
CONDITIONING HOLE								FT. REAMED 14		FT. REAMED 14																						MUD & CHEMICALS ADDED				
Reaming & Cleaning To Bottom								Kelly Down 19.18 FT.		FT. CORED																						TYPE AMT. TYPE AMT.				
WORKING OR STUCK PIPE								TOTAL 7228.04 FT.		CUM. MRS. RUN 10																						Gel 400 P				
FISHING								WT OF STRING 170 LBS.		CONDITION Dry.																						MYLOR 150 P				
LOST CIRCULATION								DRILLER Warren Brooks																								Pres-V 5				
CASING								WEATHER CONDITIONS Mild																								ALUMINUM STEARATE 46				
WAITING ON CEMENT																																H2O				
HEADING UP AND DRILLING OUT																																				
MISCELLANEOUS																																				
SUB TOTAL				8		8																														
DAYWORK HOURS																																				
TOTAL HOURS																																				

WIRE LINE RECORD				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		MRS. RUN		MUD RECORD				
REEL NO.				76		STANDS DP 6539.04 FT.		Drilling or Core Bit No. 26		7227		18				7245				65		50		PUMP No. 1 1300		6"		52		2		TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
NO. OF LINES				8		SNGLS. DP																														

DAILY DRILLING REPORT

OPERATOR		LOCATION	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE																											
Amur		Murphy	B	O	C		Murphy River	1	M.W.T.																											
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. SIZE	TOOL JOINT	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER																						
PETER BAWDEN DRILLING LIMITED		8	42	5-30	D-2	No. MANUFACTURER TYPE																														
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD.		1. N.S. 16 C-3.0																														
Ruth Bawden				F.H.		2. G.W. 214																														
3.																																				
TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD						
Casing				STANDS DP FT.		Drilling or Core Bit No.		7189		2		7191						55		16		1400		6		22		TIME 1st HR. 3rd HR. 5th HR. 7th HR.								
DRILLING				2 8 14		2 SNGLS. DP 6778.52 FT.		TYPE																				WEIGHT 9.6								
TRIPPING				3 4		10 D.C. 8 OD 294.15 FT.		SIZE		68																		VISC. 300 Plus								
RIG MAINTENANCE				4		RMR BODY OD FT.		SERIAL No.		3301																		W.L.-C.C.								
RIG REPAIRS						STB BODY OD FT.		DEPTH IN		7189																		FLTR. CK.								
HOLE SURVEYS						SUBS OD FT.		DEPTH OUT																				pH								
CONDITIONING MUD						BIT OR C.B. FT.		FT. DRILLED																				SD. CONT.								
CONDITIONING HOLE						Kelly Down 22.39 FT.		FT. CORED		2																		MUD & CHEMICALS ADDED								
Reaming & Cleaning To Bottom				15		TOTAL 7191.00 FT.		CUM. HRS. RUN		2																		TYPE AMT. TYPE AMT.								
						WT OF STRING 152000 LBS.		CONDITION		C.C.																										
WORKING OR STUCK PIPE						DRILLER																														
FISHING						WEATHER CONDITIONS																														
LOST CIRCULATION						NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
						2 SNGLS. DP 6778.52 FT.		TYPE		7191		11		7202						55		16		1400		6		28		8		TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
CASING						10 D.C. 9/16 OD 294.15 FT.		SIZE		68																				WEIGHT 10.1/10.1/10.1/10.1						
WAITING ON CEMENT						RMR BODY OD FT.		SERIAL No.		3301																				VISC. 300 300 240 260						
HEADING UP AND DRILLING OUT						STB BODY OD FT.		DEPTH IN		7189																				W.L.-C.C. 3.2 3.2 3.4 3.4						
MISCELLANEOUS				2		SUBS OD FT.		DEPTH OUT																						FLTR. CK. 30 30 30 30						
SUB TOTAL				8.8		BIT OR C.B. FT.		FT. DRILLED																						pH 7.4 7.8 7.6 7.4						
DAYWORK HOURS						Kelly Down 37.39 FT.		FT. CORED		13																				SD. CONT.						
TOTAL HOURS						TOTAL 7202.00 FT.		CUM. HRS. RUN		10																				MUD & CHEMICALS ADDED						
						WT OF STRING 140 LBS.		CONDITION		C.C.																				TYPE AMT. TYPE AMT.						
WIRE LINE RECORD						DRILLER																								WATER						
REEL NO.				8		WEATHER CONDITIONS		Mild																												
MO. OF LINES				8		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
FEET SLIPPED						22 STANDS DP 6539.04 FT.		Drilling or Core Bit No.		7202		15		7203						65		35		1200		6		52		2		TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
FEET CUT OFF						SNGLS. DP FT.		TYPE		7199		15		7203																		WEIGHT 10.1				
PRESENT LENGTH				249		10 D.C. 8 1/16 OD 639.36 FT.		SIZE		6 1/4																						VISC. 297				
TON MI. or TRIPS SINCE LAST CUT				7463		RMR BODY OD FT.		SERIAL No.		3301																						W.L.-C.C.				
CUMULATIVE TON MI. or TRIPS						STB BODY OD FT.		DEPTH IN		7189																						FLTR. CK.				
NO. OF DAYS FROM SPUD				41		SUBS OD FT.		DEPTH OUT		7203																						pH				
DAYS SINCE LAST ACCNT.				11		BIT OR C.B. FT.		FT. DRILLED																								SD. CONT.				
DRILLER ACCNT. FREE DAYS						Kelly Down 27 FT.		FT. CORED		14																						MUD & CHEMICALS ADDED				
MORNING TOUR						TOTAL 7207 FT.		CUM. HRS. RUN		10x4		2.4		7203																		TYPE AMT. TYPE AMT.				
DAY TOUR				128		WT OF STRING 120000 LBS.		CONDITION		OB																										
EVENING TOUR				64		DRILLER		C. Saville																												
						WEATHER CONDITIONS																														

REPORT No.

40

DATE:

April 27/61

OPERATOR <i>H. Munn</i>		LOCATION <i>Murphy BOC</i>		SEC <i>W</i>		TWP <i>Bo C</i>		RGE <i>W</i>		WELL NAME <i>Murphy River</i>		No. <i>1</i>		PROVINCE <i>W.V.</i>			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. SIZE <i>7 1/2</i>	TOOL JOINT <i>5 1/4</i>	OD <i>OD</i>	DRILL PIPE GRADE <i>D = 2</i>	PUMPS No. MANUFACTURER TYPE <i>1. N.S.CO C-310</i> <i>2. OILWELL 21415</i> <i>3.</i>		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO		TYPE OF CEMENT	CEMENT USED	OTHER	
OPERATOR'S REPRESENTATIVE <i>Kirk Bahl</i>		CONTRACTOR'S TOOL PUSHER															

TIME DISTRIBUTION—HOURS				MORNING TOUR										MUD RECORD																											
				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		TIME		1st HR.		3rd HR.		5th HR.		7th HR.	
DRILLING				<i>62</i>		<i>3 1/2</i>		<i>6 1/2</i>		<i>7148</i>		<i>21</i>				<i>7169</i>				<i>65</i>		<i>50</i>		<i>1100</i>		<i>62</i>						<i>10.0</i>		<i>100</i>		<i>10.0</i>		<i>10.0</i>			
TRIPPING				<i>1 1/4</i>		<i>3 1/2</i>		<i>1</i>																								<i>240</i>		<i>270</i>		<i>230</i>		<i>270</i>			
RIG MAINTENANCE				<i>1/4</i>		<i>1/4</i>		<i>X</i>																								<i>3.8</i>		<i>4.0</i>		<i>3.8</i>		<i>3.2</i>			
RIG REPAIRS																																<i>432</i>		<i>132</i>		<i>732</i>		<i>432</i>			
HOLE SURVEYS																																<i>7.8</i>		<i>7.8</i>		<i>7.8</i>		<i>7.8</i>			
CONDITIONING MUD																																									
CONDITIONING HOLE																																									
Reaming & Cleaning To Bottom																																									
WORKING OR STUCK PIPE																																									
FISHING																																									
LOST CIRCULATION																																									
CASING																																									
WAITING ON CEMENT																																									
HEADING UP AND DRILLING OUT																																									
MISCELLANEOUS																																									
SUB TOTAL				<i>8</i>		<i>8</i>		<i>8</i>																																	
DAYWORK HOURS																																									
TOTAL HOURS																																									

WIRE LINE RECORD				DAY TOUR										MUD RECORD																											
				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		TIME		1st HR.		3rd HR.		5th HR.		7th HR.	
REEL NO.				<i>8</i>		<i>SIZE 1 1/2</i>		<i>24</i>		<i>7169</i>		<i>5</i>				<i>7174</i>				<i>65</i>		<i>50</i>		<i>1275</i>		<i>6</i>		<i>52</i>		<i>32</i>											

DAILY DRILLING REPORT

OPERATOR		LOCATION		SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE					
T. Murren		Murphy		30	0	C	W	Muskeg River	1	N.W.T.					
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO.	PIPE JOINT	OD	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED		8	72	FIH	D	E 2	1. N.S.CO. C-210 2. OILWELL 214.P.								
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER													
T. Baul															

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
Morn	Day	Eve		STANDS DP	FT.	Drilling or Core Bit No.	23	24											TIME	1st HR.	3rd HR.	5th HR.	7th HR.
3 1/2	7 1/2	2 1/2		2	6422.02	FT.	TYPE	0WJ	H 1		7095			65	50				WEIGHT	10.0	10.0		
				22	639.36	FT.	SIZE	8 3/4	8 3/4					30	20				VISC.	280	210		
4 1/2				D.C.	639.36	FT.	NOZZ. SIZE	7/16	7/16										W.L.C.C.	3.0	3.0		
				RMR BODY	OD	FT.	SERIAL No.	6045	4859										FLTR. CK.	7.8	7.8		
				STB BODY	OD	FT.	DEPTH IN	7058	7101										PH				
				SUBS	OD	1.90	FT.	DEPTH OUT	7101										SD. CONT.				
				BIT OR C.B.	FT.	FT. DRILLED	43												MUD & CHEMICALS ADDED				
					30.72	FT.	FT. REAMED												TYPE	AMT.	TYPE	AMT.	
				Kelly Down	7103.04	FT.	FT. CORED												H ₂ O	✓			
				TOTAL	168,000	FT.	CUM. HRS. RUN	14 1/2															
				WT OF STRING		LBS.	CONDITION	DULL	0.3														
				DRILLER	W. D. Munn																		
				WEATHER CONDITIONS Mild																			

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
Morn	Day	Eve		STANDS DP	FT.	Drilling or Core Bit No.	24												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
				22	639.36	FT.	SIZE	8 3/4						65	50				WEIGHT	10.1	10.0	10.0	10.1
				D.C.	639.36	FT.	NOZZ. SIZE	7/16											VISC.	280	240	260	205
				RMR BODY	OD	FT.	SERIAL No.	4859	83										W.L.C.C.	4.0	4.2	3.8	3.6
				STB BODY	OD	FT.	DEPTH IN	7101											FLTR. CK.	3.2	3.2	3.2	3.2
				SUBS	OD	1.90	FT.	DEPTH OUT											PH	7.8	7.8	7.8	7.8
				BIT OR C.B.	FT.	FT. DRILLED	23												SD. CONT.				
					31.70	FT.	FT. REAMED												MUD & CHEMICALS ADDED				
				Kelly Down	7124.00	FT.	FT. CORED												TYPE	AMT.	TYPE	AMT.	
				TOTAL	7124.00	FT.	CUM. HRS. RUN	8 1/2											STARCH	300			
				WT OF STRING	168	LBS.	CONDITION	Drill											PERMAN	50			
				DRILLER	A.D. Munn														WATER				
				WEATHER CONDITIONS Mild																			

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
Morn	Day	Eve		STANDS DP	FT.	Drilling or Core Bit No.	24												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
				22	639.36	FT.	SIZE	8 3/4						65	50				WEIGHT	10.1	10.1	10.0	10
				D.C.	639.36	FT.	NOZZ. SIZE	7/16											VISC.	218	224	208	212
				RMR BODY	OD	FT.	SERIAL No.	4859	83										W.L.C.C.	3.8	3.8	3.8	3.8
				STB BODY	OD	FT.	DEPTH IN	7101											FLTR. CK.	7.8	7.8	7.8	7.8
				SUBS	OD	1.90	FT.	DEPTH OUT											PH				
				BIT OR C.B.	FT.	FT. DRILLED	47												SD. CONT.				
					27	FT.	FT. REAMED												MUD & CHEMICALS ADDED				
				Kelly Down	7114.8	FT.	FT. CORED												TYPE	AMT.	TYPE	AMT.	
				TOTAL	7114.8	FT.	CUM. HRS. RUN	16															
				WT OF STRING	168000	LBS.	CONDITION	0.3															
				DRILLER	C. Saville																		
				WEATHER CONDITIONS Warm																			

REPORT No. 38

DATE: April 25/61

DAILY DRILLING REPORT

OPERATOR		LOCATION		LSD.	SEC.	TWP.	RGE.	WELL NAME	No.	PROVINCE					
Munroe		Munroe						Muskeg River	1	N.W.J.					
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	5	OD	DRILL PIPE GRADE	PUMPS	CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED		8	7 1/2	TYPE THD. F.H.			D 2	No. 1. N.S. Co. C-310							
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER													
Kirk Bawden															

TIME DISTRIBUTION—HOURS				MORNING TOUR		DAY TOUR		EVENING TOUR	
	Morn	Day	Eve						
DRILLING	6 3/4	3 3/4	7 1/2						
TRIPPING	1	4							
RIG MAINTENANCE	1/4	1/4	1/4						
RIG REPAIRS									
HOLE SURVEYS									
CONDITIONING MUD									
CONDITIONING HOLE									
Reaming & Cleaning To Bottom									
WORKING OR STUCK PIPE									
FISHING									
LOST CIRCULATION									
CASING									
WAITING ON CEMENT									
HEADING UP AND DRILLING OUT									
MISCELLANEOUS									
SUB TOTAL	8	8	8						
DAYWORK HOURS									
TOTAL HOURS									

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	8 SIZE 1 1/2
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OF TRIPS SINCE LAST CUT	309
CUMULATIVE TON MI. OF TRIPS	6902
NO. OF DAYS FROM SPUD	38
CUMULATIVE ROTATING HRS.	486 1/2
DAYS SINCE LAST ACCDNT.	68
DRILLER ACCDNT. FREE DAYS	
MORNING TOUR	
DAY TOUR	125
EVENING TOUR	61

NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
71	STANDS DP	FT.	Drilling or Core Bit No.												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
1	SNGLS. DP	6391.93	FT.	TYPE	WY		7036	22			1200	6			WEIGHT	10.1	10	9.9	9.9
22	D.C. OD	639.36	FT.	SIZE	8 3/4							6 1/2			VISC.	240	205	175	170
	RMR BODY OD		FT.	NOZZ. SIZE	1/6										W.L.-C.C.	5.6	3.6	5.6	3.8
	STB BODY OD		FT.	SERIAL No.	46952										FLTR. CK.	7/32	7/32	7/32	7/32
	SUBS OD	1.90	FT.	DEPTH IN	6999										pH	7.8	7.8	7.8	7.8
	BIT OR C.B.		FT.	DEPTH OUT	59										SD. CONT.				
	Kelly Down	24.81	FT.	FT. DRILLED											MUD & CHEMICALS ADDED				
	TOTAL	7058.00	FT.	FT. REAMED											TYPE	AMT.	TYPE	AMT.	
	WT OF STRING	168000	LBS.	CUM. HRS. RUN	15 1/2														
	DRILLER	W. D. Murray		CONDITION															
	WEATHER CONDITIONS		Mild																

NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
71	STANDS DP	FT.	Drilling or Core Bit No.												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
1	SNGLS. DP	6391.93	FT.	TYPE	OWY		7058	14			1250	6	52	3 1/4	WEIGHT			10.1	10.1
22	D.C. OD	639.36	FT.	SIZE	8 3/4							6 1/2			VISC.			200	210
	RMR BODY OD		FT.	NOZZ. SIZE	1/6										W.L.-C.C.			3.4	3.4
	STB BODY OD		FT.	SERIAL No.	6045										FLTR. CK.			7/32	7/32
	SUBS OD	1.90	FT.	DEPTH IN	7058										pH			7.6	7.6
	BIT OR C.B.		FT.	DEPTH OUT	14										SD. CONT.				
	Kelly Down	38.81	FT.	FT. DRILLED											MUD & CHEMICALS ADDED				
	TOTAL	7077.00	FT.	FT. REAMED											TYPE	AMT.	TYPE	AMT.	
	WT OF STRING	168000	LBS.	CUM. HRS. RUN	3 3/4														
	DRILLER	R. D. Murray		CONDITION	Drig.														
	WEATHER CONDITIONS		Mild																

NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
71	STANDS DP	FT.	Drilling or Core Bit No.												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
2	SNGLS. DP	6422.02	FT.	TYPE	OWY		7012	23			1250	6	52	7 1/4	WEIGHT	10.0	10.1	10.1	10.0
22	D.C. OD	639.36	FT.	SIZE	8 3/4							6 1/2			VISC.	230	218	205	218
	RMR BODY OD		FT.	NOZZ. SIZE	1/6										W.L.-C.C.	3.6	3.6	3.6	3.2
	STB BODY OD		FT.	SERIAL No.	6045										FLTR. CK.	7/32	7/32	7/32	7/32
	SUBS OD	1.90	FT.	DEPTH IN	7058										pH	7.8	7.8	7.8	7.8
	BIT OR C.B.		FT.	DEPTH OUT	37										SD. CONT.				
	Kelly Down	32	FT.	FT. DRILLED											MUD & CHEMICALS ADDED				
	TOTAL	7095	FT.	FT. REAMED											TYPE	AMT.	TYPE	AMT.	
	WT OF STRING	168000	LBS.	CUM. HRS. RUN	11 1/2														
	DRILLER	O. Javille		CONDITION	OP														
	WEATHER CONDITIONS		Warm																

DAILY DRILLING REPORT													
OPERATOR <i>H. Munn</i>		LOCATION <i>Murphy BOC</i>		SEC. <i>B O C</i>		RGE. <i>Murphy River</i>		WELL NAME <i>No. 1</i>		PROVINCE <i>N.W.T.</i>			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. SIZE <i>72</i>	TOOL JOINT <i>37</i>	OD <i>1.11</i>	DRILL PIPE GRADE <i>D-2</i>	CASING & LINER RECORD		DEPTH SET FROM TO		TYPE OF CEMENT	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE <i>Karl Baal</i>		CONTRACTOR'S TOOL PUSHER											
						No. MANUFACTURER TYPE							
						<i>1. N.S.C. C-310</i>							
						<i>2. DIA WELK 21419</i>							
						<i>3.</i>							

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		MRS. RUN		MUD RECORD				
	Morn	Day	Eve			FT.	Drilling or Core Bit No																PUMP No. 1		PUMP No. 2							TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING	9	1	7 1/2	2	STANDS DP	6232.15	FT.	TYPE	OSC	6474	25			6499	DOLomite	63-	50															WEIGHT	101	101	9.9	10
TRIPPING		5		22	D.C. OD	639.36	FT.	SIZE	8 3/4																							VISC.	215	210	240	240
RIG MAINTENANCE	4	4	1 1/4		RMR BODY OD		FT.	SERIAL No.	87953																							W.L.-C.C.	3.2	3.6	4.0	3.8
RIG REPAIRS					STB BODY OD		FT.	DEPTH IN	695.9																							FLTR. CK.	732	732	732	732
HOLE SURVEYS					SUBS OD	1.90	FT.	DEPTH OUT	6																							pH	7.8	7.8	7.6	7.8
CONDITIONING MUD					BIT OR C.B.		FT.	FT. DRILLED	25																							SD. CONT.				
CONDITIONING HOLE							FT.	FT. REAMED																												
Reaming & Cleaning To Bottom					Kelly Down	25.59	FT.	FT. CORED																												
WORKING OR					TOTAL	6499.00	FT.	CUM. MRS. RUN	97.4																											
					WT OF STRING	167,000	LBS.	CONDITION	CIRC.																											
					DRILLER																															
					WEATHER CONDITIONS																															

MORNING TOUR

DEVIATION RECORD:

From	To	Lapsed Time	REMARKS
12:00	12:05	4	RIG SER' CNK 17.0.10's.
12:05	12:10	5	1 RAC 8 3/4" HOLE.
12:10	12:15	5	CIRC SAMPLE.

CLEANED SAND TRAP

GEL 1000'

Mpho Jen 250'

PRISCOE 50'

PLASTER 100'

Diesel Fuel 566L

H2O ✓

[illegible]

WIRE LINE RECORD			NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour			Drilled This Tour			Cored or Reamed This Tour			Depth At End of Tour			FORMATION (SHOW CORE RECOVERY)			ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		MRS. RUN		MUD RECORD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
REEL NO.	NO. OF LINES	SIZE	STANDS	DR	FT.	Drilling or Core Bit No.	TYPE	SIZE	NOZZ. SIZE	SERIAL No.	DEPTH IN	DEPTH OUT	FT. DRILLED	FT. REAMED	FT. CORED	CUM. HRS. RUN	CONDITION	WT OF STRING	LBS.	DRILLER	WEATHER CONDITIONS				PUMP No. 1	PUMP No. 2							TIME	1st HR.	3rd HR.	5th HR.	7th HR.	WEIGHT	VISC.	W.L.C.C.	FLTR. CK.	pH	SD. CONT.	MUD & CHEMICALS ADDED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
8	32	1 1/2	636	194	22	WJ	8 3/4	1 1/2		46932	6949	37				834	OB							65	40	1250	6	52	73																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

DAILY DRILLING REPORT

OPERATOR <i>Amurex</i>	LOCATION L.S.D.	SEC.	TWP.	RGE.	W.	WELL NAME <i>Murphy Boe Muskey River</i>	No. <i>1</i>	PROVINCE <i>N.W.T.</i>
CONTRACTOR PETER BAWDEN DRILLING LIMITED	RIG NO. <i>8</i>	DRILL PIPE STRING NO. & SIZE <i>4 1/2</i>	TOOL JOINT <i>5 1/2</i>	TYPE THD. <i>FN</i>	DRILL PIPE GRADE <i>D</i>	PUMPS No. MANUFACTURER TYPE <i>1. Nisco C350</i> <i>2. Oilwell 214P</i> <i>3.</i>	CASING & LINER RECORD SIZE WT & GR. DEPTH SET FROM TO TYPE OF CEMENT CEMENT USED OTHER	
OPERATOR'S REPRESENTATIVE <i>Kirk Bawden</i>	CONTRACTOR'S TOOL PUSHER <i>Alonso Stated</i>							

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING	<i>12</i>	<i>13</i>	<i>3</i>
TRIPPING			<i>5</i>
RIG MAINTENANCE	<i>1</i>	<i>4</i>	<i>4</i>
RIG REPAIRS			
HOLE SURVEYS			
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom			
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING-UP AND DRILLING OUT			
MISCELLANEOUS			
SUB TOTAL	<i>8</i>	<i>8</i>	
DAYWORK HOURS			
TOTAL HOURS			

NO.	DRILLING ASSEMBLY	BIT RECORD
<i>69</i>	STANDS DP <i>624176</i> FT.	Drilling or Core Bit No. <i>20</i>
<i>2</i>	SNGLS. DP <i>624176</i> FT.	TYPE <i>K2P</i>
<i>22</i>	D.C. <i>69</i> OD <i>639.36</i> FT.	SIZE <i>8 3/4</i>
	RMR BODY OD <i>639.36</i> FT.	NOZZ. SIZE <i>1 1/2</i>
	STB BODY OD <i>1.90</i> FT.	SERIAL No. <i>61580</i>
	SUBS OD <i>1.90</i> FT.	DEPTH IN <i>6836</i>
	BIT OR C.B. <i>1.90</i> FT.	DEPTH OUT <i>84</i>
		FT. DRILLED <i>84</i>
		FT. REAMED
	Kelly Down <i>41</i> FT.	FT. CORED
	TOTAL <i>6924</i> FT.	CUM. HRS. RUN <i>16 1/2</i>
	WT OF STRING <i>16500</i> LBS.	CONDITION <i>0.13</i>
	DRILLER <i>C. Saville</i>	
	WEATHER CONDITIONS <i>Cold</i>	

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
<i>6881</i>	<i>43</i>		<i>6924</i>		<i>80</i>	<i>50</i>	<i>1200</i>	<i>6</i>	<i>52</i>	<i>7 1/2</i>
DEVIATION RECORD:										
From	To	Elapsed Time	REMARKS							
<i>1200</i>	<i>1200</i>	<i>1/4</i>	<i>Rig Service CHK BOPs</i>							
<i>1200</i>	<i>1200</i>	<i>7 3/4</i>	<i>Drill 8 3/4 Hole</i>							

MUD RECORD				
TIME	1st HR.	3rd HR.	5th HR.	7th HR.
WEIGHT	<i>200</i>	<i>101</i>	<i>10.2</i>	<i>10.2</i>
VISC.	<i>227</i>	<i>225</i>	<i>215</i>	<i>212</i>
W.L.-C.C.	<i>3.4</i>	<i>3.4</i>	<i>3.6</i>	<i>3.6</i>
FLTR. CK.	<i>2/32</i>	<i>2/32</i>	<i>2/32</i>	<i>2/32</i>
pH	<i>7.8</i>	<i>7.8</i>	<i>7.8</i>	<i>7.8</i>
SD. CONT.				
MUD & CHEMICALS ADDED				
TYPE	AMT.	TYPE	AMT.	
<i>STARCH</i>	<i>100</i>			
<i>PRASER</i>	<i>100</i>			
<i>PRASER</i>	<i>25</i>			
<i>PRASER</i>	<i>50</i>			
<i>WATER</i>				

NO.	DRILLING ASSEMBLY	BIT RECORD
<i>70</i>	STANDS DP <i>627211</i> FT.	Drilling or Core Bit No. <i>20</i>
	SNGLS. DP <i>627211</i> FT.	TYPE <i>K2P</i>
<i>22</i>	D.C. <i>69</i> OD <i>639.36</i> FT.	SIZE <i>8 3/4</i>
	RMR BODY OD <i>639.36</i> FT.	NOZZ. SIZE <i>1 1/2</i>
	STB BODY OD <i>1.90</i> FT.	SERIAL No. <i>61580</i>
	SUBS OD <i>1.90</i> FT.	DEPTH IN <i>6836</i>
	BIT OR C.B. <i>1.90</i> FT.	DEPTH OUT <i>122</i>
		FT. DRILLED <i>122</i>
		FT. REAMED
	Kelly Down <i>13.89</i> FT.	FT. CORED
	TOTAL <i>69580</i> FT.	CUM. HRS. RUN <i>24 1/2</i>
	WT OF STRING <i>16700</i> LBS.	CONDITION <i>0.13</i>
	DRILLER <i>W. Saville</i>	
	WEATHER CONDITIONS <i>Mild</i>	

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
<i>6924</i>	<i>37</i>		<i>6958</i>		<i>80</i>	<i>50</i>	<i>1250</i>	<i>6</i>	<i>49</i>	
DEVIATION RECORD:										
From	To	Elapsed Time	REMARKS							
<i>800</i>	<i>815</i>	<i>15</i>	<i>RIG SER CHK BOPs</i>							
<i>815</i>	<i>840</i>	<i>25</i>	<i>DRILL 8 3/4 HOLE</i>							

MUD RECORD				
TIME	1st HR.	3rd HR.	5th HR.	7th HR.
WEIGHT	<i>10.0</i>	<i>10.0</i>	<i>10.0</i>	<i>10.0</i>
VISC.	<i>200</i>	<i>205</i>	<i>195</i>	<i>200</i>
W.L.-C.C.	<i>3.6</i>	<i>3.4</i>	<i>3.4</i>	<i>3.6</i>
FLTR. CK.	<i>2/32</i>	<i>2/32</i>	<i>2/32</i>	<i>2/32</i>
pH	<i>1.8</i>	<i>7.8</i>	<i>7.8</i>	<i>7.8</i>
SD. CONT.				<i>1</i>
MUD & CHEMICALS ADDED				
TYPE	AMT.	TYPE	AMT.	
<i>H2O</i>	<i>✓</i>			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	<i>8</i> SIZE <i>1 1/2</i>
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	<i>393</i>
TON MI. or TRIPS SINCE LAST CUT	<i>6543</i>
CUMULATIVE TON MI. or TRIPS	
NO. OF DAYS FROM SPUD	<i>36</i>
CUMULATIVE ROTATING HRS.	<i>457 1/4</i>
DAYS SINCE LAST ACCNT.	<i>66</i>
DRILLER ACCNT. FREE DAYS	
MORNING TOUR	<i>59</i>
DAY TOUR	
EVENING TOUR	<i>124</i>

NO.	DRILLING ASSEMBLY	BIT RECORD
<i>70</i>	STANDS DP <i>627211</i> FT.	Drilling or Core Bit No. <i>20</i>
<i>1</i>	SNGLS. DP <i>30.74</i> FT.	TYPE <i>K2P</i>
<i>22</i>	D.C. <i>69</i> OD <i>639.36</i> FT.	SIZE <i>8 3/4</i>
	RMR BODY OD <i>639.36</i> FT.	NOZZ. SIZE <i>1 1/2</i>
	STB BODY OD <i>1.90</i> FT.	SERIAL No. <i>61580</i>
	SUBS OD <i>1.90</i> FT.	DEPTH IN <i>6836</i>
	BIT OR C.B. <i>1.90</i> FT.	DEPTH OUT <i>6959</i>
		FT. DRILLED <i>123</i>
		FT. REAMED <i>15</i>
	Kelly Down <i>29.89</i> FT.	FT. CORED
	TOTAL <i>6974.02</i> FT.	CUM. HRS. RUN <i>24 1/2</i>
	WT OF STRING <i>16500</i> LBS.	CONDITION <i>0.11</i>
	DRILLER <i>H. D. Murray</i>	
	WEATHER CONDITIONS <i>Mild</i>	

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
<i>6958</i>	<i>16</i>		<i>6974</i>		<i>65</i>	<i>15</i>	<i>1250</i>	<i>6</i>	<i>50</i>	<i>2 1/2</i>
DEVIATION RECORD:										
From	To	Elapsed Time	REMARKS							
<i>4 00</i>	<i>4 15</i>	<i>15</i>	<i>Pull Bit # 20</i>							
<i>4 15</i>	<i>4 30</i>	<i>15</i>	<i>Service Rig</i>							
<i>4 30</i>	<i>4 45</i>	<i>15</i>	<i>Pipe Rans and Blind Rams</i>							
<i>4 45</i>	<i>4 55</i>	<i>10</i>	<i>Run in with Bit # 21</i>							
<i>4 55</i>	<i>5 10</i>	<i>15</i>	<i>Drill</i>							

MUD RECORD				
TIME	1st HR.	3rd HR.	5th HR.	7th HR.
WEIGHT				<i>10.1</i>
VISC.				<i>205</i>
W.L.-C.C.				<i>3.8</i>
FLTR. CK.				<i>3/32</i>
pH				<i>7.8</i>
SD. CONT.				
MUD & CHEMICALS ADDED				
TYPE	AMT.	TYPE	AMT.	

DAILY DRILLING REPORT

OPERATOR		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE																			
Amurex								Boc Muskey River	1	NWT																			
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	DEPTH SET		TYPE OF CEMENT	CEMENT USED	OTHER																
PETER BAWDEN DRILLING LIMITED		8	4 1/2	5 3/4	D	No. MANUFACTURER TYPE		SIZE WT & GR.	FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER																	
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD.		1. NSCO C350																							
J. Baal		W. H. H. H.		FH		2. O. I. well 214P																							
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
Morn Day Eve		STANDS DP		Drilling or Core Bit No.		Depth		Depth		Depth		Depth		FORMATION		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
DRILLING		2		6151.34		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
TRIPPING		22		639.36		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
RIG MAINTENANCE		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
RIG REPAIRS		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
HOLE SURVEYS		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
CONDITIONING MUD		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
CONDITIONING HOLE		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
Reaming & Cleaning To Bottom		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
WORKING OR STUCK PIPE		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
FISHING		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
LOST CIRCULATION		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
CASING		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
WAITING ON CEMENT		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
HEADING UP AND DRILLING OUT		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
MISCELLANEOUS		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
SUB TOTAL		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
DAYWORK HOURS		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
TOTAL HOURS		1		1.90		6799.31		6830		6830		6830		FORMATION		80		50		1200		6		52		73		MUD RECORD	
WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
REEL NO.		STANDS DP		Drilling or Core Bit No.		Depth		Depth		Depth		Depth		FORMATION		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
NO. OF LINES 8 SIZE 1 1/8		1		28.88		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
FEET SLIPPED		22		639.36		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
FEET CUT OFF		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
PRESENT LENGTH		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
TON MI. OF TRIPS SINCE LAST CUT		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
CUMULATIVE TON MI. OF TRIPS		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
NO. OF DAYS FROM SPUD		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
CUMULATIVE ROTATING HRS.		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
DAYS SINCE LAST ACCDNT.		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
DRILLER ACCDNT. FREE DAYS		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
MORNING TOUR		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
DAY TOUR		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	
EVENING TOUR		1		1.90		6838		6838		6838		6838		FORMATION		80		50		1200		6		52		73		MUD RECORD	

[illegible]

DAILY DRILLING REPORT

OPERATOR <i>Amurex</i>	LOCATION <i>534</i>	SEC. <i>OD</i>	TWP. <i>Murphy</i>	RGE. <i>Boc</i>	W. <i>Muskey River</i>	WELL NAME <i>Muskey River</i>	No. <i>1</i>	PROVINCE <i>NWT</i>		
CONTRACTOR PETER BAWDEN DRILLING LIMITED	RIG NO. <i>8</i>	DRILL PIPE STRING NO. & SIZE <i>4 1/2</i>	TOOL JOINT <i>534</i>	DRILL PIPE GRADE <i>D</i>	PUMPS No. 1. <i>USCO</i> TYPE <i>C350</i> No. 2. <i>Oilwell</i> TYPE <i>214P</i>	CASING & LINER RECORD	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE <i>Kurt Ball</i>	CONTRACTOR'S TOOL PUSHER									

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING			7 1/4
TRIPPING	2 1/4		
RIG MAINTENANCE	1 1/4		
RIG REPAIRS	4 3/4		
HOLE SURVEYS			
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom	1 1/4		
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS			
SUB TOTAL	7		8
DAYWORK HOURS			
TOTAL HOURS			

MORNING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD
66	STANDS DP 5949.27 FT.	Drilling or Core Bit No. 18
5	SINGLS. DP 139.32 FT.	TYPE OSC16
22	D.C. OD 139.32 FT.	SIZE 8 3/4
	NOZZ. SIZE 1 1/2	
	RMR BODY OD FT.	SERIAL No. 25490
	STB BODY OD FT.	DEPTH IN 6618
1	SUBS OD 190 FT.	DEPTH OUT
	BIT OR C.B. FT.	FT. DRILLED
	FT. REAMED	
	Kelly Down FT.	FT. CORED
	TOTAL 17000 FT.	CUM. HRS. RUN
	WT OF STRING 17000 LBS.	CONDITION
	DRILLER C. Saville	
	WEATHER CONDITIONS Cold	

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
6618										
DEVIATION RECORD:										
From	To	Elapsed Time								
120125	121530	4 1/4								
REMARKS										
Rig Service CHK Bots										
Changing Catheads and Brake Blocks										
Run in W.D.T 18										
B2K Cive.										

MUD RECORD					
TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
WEIGHT					
VISC.					
W.L.-C.C.					
FLTR. CK.					
pH					
SD. CONT.					
MUD & CHEMICALS ADDED					
TYPE	AMT.	TYPE	AMT.		

DAY TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD
66	STANDS DP 5977.91 FT.	Drilling or Core Bit No. 18
2	SINGLS. DP 639.36 FT.	TYPE OSC16
22	D.C. OD 639.36 FT.	SIZE 8 3/4
	NOZZ. SIZE 1 1/2	
	RMR BODY OD FT.	SERIAL No. 25490
	STB BODY OD FT.	DEPTH IN 6618
1	SUBS OD 190 FT.	DEPTH OUT
	BIT OR C.B. FT.	FT. DRILLED
	FT. REAMED	
	Kelly Down 38.83 FT.	FT. CORED
	TOTAL 6660.00 FT.	CUM. HRS. RUN
	WT OF STRING 17000 LBS.	CONDITION
	DRILLER W. Brooks	
	WEATHER CONDITIONS	

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
6618	42		6660		60	50	1100	6	54	
DEVIATION RECORD:										
From	To	Elapsed Time								
801015	1045	2 3/4								
REMARKS										
DRLC										
RIG SER, CHK & ADJ. BRAKES & CHK B.O.P.S										
DRLC										
MUD - NO VOLUME										
SPOTTY.										

MUD RECORD					
TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
WEIGHT	99	101	101	101	
VISC.	220	175	190	186	
W.L.-C.C.	3.2	3.0	3.4	4.	
FLTR. CK.	7.2	7.32	7.32	7.32	
pH	7.6	7.8	7.8	7.8	
SD. CONT.					
MUD & CHEMICALS ADDED					
TYPE	AMT.	TYPE	AMT.		
GEL	5200	Aluminum			
Mylor	300	STEAKATE	646		
PLASTER	100				
Preserv.	50				
Piccol Fuel	56625				
WATER					

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 18
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OF TRIPS SINCE LAST CUT	486
CUMULATIVE TON MI. OF TRIPS	6220
NO. OF DAYS FROM SPUD	33
CUMULATIVE ROTATING HRS.	405
DAYS SINCE LAST ACCNT.	63
DRILLER ACCNT. FREE DAYS	
MORNING TOUR	56
DAY TOUR	
EVENING TOUR	121

EVENING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD
67	STANDS DP 6010.69 FT.	Drilling or Core Bit No. 18
1	SINGLS. DP 30.22 FT.	TYPE OSC16
22	D.C. OD 639.36 FT.	SIZE 8 3/4
	NOZZ. SIZE 1 1/2	
	RMR BODY OD FT.	SERIAL No. 25490
	STB BODY OD FT.	DEPTH IN 6618
1	SUBS OD 190 FT.	DEPTH OUT
	BIT OR C.B. FT.	FT. DRILLED 88
	FT. REAMED	
	Kelly Down 23.83 FT.	FT. CORED
	TOTAL 6706.00 FT.	CUM. HRS. RUN 15 1/2
	WT OF STRING 17100 LBS.	CONDITION DRLC
	DRILLER R. D. Murray	
	WEATHER CONDITIONS Mild	

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN
6660	46		6706		65	50	1100	6	54	7 3/4
DEVIATION RECORD:										
From	To	Elapsed Time								
400	425	1 1/4								
REMARKS										
Service Rig ✓ Pipe Rams.										
Drill										

MUD RECORD					
TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
WEIGHT	10.1	10.1	10.0	10.0	
VISC.	190	210	215	200	
W.L.-C.C.	3.4	3.4	3.4	3.4	
FLTR. CK.	7.2	7.2	7.2	7.2	
pH	7.4	7.4	7.4	7.4	
SD. CONT.	.6	.6	.6	.6	
MUD & CHEMICALS ADDED					
TYPE	AMT.	TYPE	AMT.		
GEL	4000				
WATER					

REPORT No. 32

DATE: April 1961

OPERATOR <i>Amurey</i>		LOCATION LSD.		SEC.	TWP.	W. WELL NAME <i>Murphy Boc Muskey River</i>		No. <i>1</i>		PROVINCE <i>N.W.T.</i>								
CONTRACTOR PETER PAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. & SIZE <i>4-2</i>	TOOL JOINT <i>U 1/2</i>	OD <i>OD</i>	DRILL PIPE GRADE <i>D</i>	PUMPS		CASING & LINER RECORD		DEPTH SET FROM TO		TYPE OF CEMENT		CEMENT USED		OTHER	
OPERATOR'S REPRESENTATIVE <i>Kirk Bone</i>		CONTRACTOR'S TOOL PUSHER					No. MANUFACTURER TYPE											
							1. <i>Nsco C350</i>											
							2. <i>O. Iwell 214P</i>											
							3.											

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY BIT RECORD										Depth At Beginning of Tour Drilled This Tour Cored or Reamed This Tour Depth At End of Tour FORMATION (SHOW CORE RECOVERY) ROTA- RY R.P.M. WT ON BIT 1000# PUMP PRESS. LINER SIZE S.P.M. HRS. RUN										MUD RECORD				
Morn Day Eve				STANDS DP FT. Drilling or Core Bit No. <i>17</i>										6618										TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
DRILLING				SNGLS. DP FT. TYPE <i>56</i>																				WEIGHT <i>245 270</i>				
TRIPPING <i>4 1/2 6 3/4</i>				D.C. OD FT. SIZE <i>4 3/4</i>																				VISC. <i>10.1 10.1</i>				
RIG MAINTENANCE <i>1/4 1/4</i>				RMR BODY OD FT. SERIAL No. <i>489392</i>																				W.L.-C.C. <i>3.2</i>				
RIG REPAIRS <i>1/2</i>				STB BODY OD FT. DEPTH IN <i>6418</i>																				FLTR. CK. <i>2/32</i>				
HOLE SURVEYS <i>1/4</i>				SUBS OD FT. DEPTH OUT <i>6618</i>																				pH <i>7.8</i>				
CONDITIONING I UD <i>2</i>				BIT OR C.B. FT. FT. DRILLED <i>33217</i>																				SD. CONT.				
CONDITIONING HOLE				Kelly Down FT. FT. CORED <i>2034</i>																				MUD & CHEMICALS ADDED				
Reaming & Cleaning to Bottom				TOTAL FT. CUM. HRS. RUN <i>2034</i>																				TYPE AMT. TYPE AMT.				
WORKING OR STUCK PIPE				WT OF STRING LBS. CONDITION																								
FINISHING <i>3</i>				DRILLER <i>C. Sayille</i>																								
				WEATHER CONDITIONS <i>Cold</i>																								

NO. DRILLING ASSEMBLY BIT RECORD				Depth At Beginning of Tour Drilled This Tour Cored or Reamed This Tour Depth At End of Tour FORMATION (SHOW CORE RECOVERY) ROTA- RY R.P.M. WT ON BIT 1000# PUMP PRESS. LINER SIZE S.P.M. HRS. RUN										MUD RECORD				
STANDS DP FT. Drilling or Core Bit No.				6618										TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
SNGLS. DP FT. TYPE														WEIGHT				
D.C. OD FT. SIZE														VISC.				
RMR BODY OD FT. SERIAL No.														W.L.-C.C.				
STB BODY OD FT. DEPTH IN														FLTR. CK.				
SUBS OD FT. DEPTH OUT														pH				
BIT OR C.B. FT. FT. DRILLED														SD. CONT.				
Kelly Down FT. FT. CORED														MUD & CHEMICALS ADDED				
TOTAL FT. CUM. HRS. RUN														TYPE AMT. TYPE AMT.				
WT OF STRING LBS. CONDITION																		
DRILLER <i>D. D. Thurnay</i>																		
WEATHER CONDITIONS																		

NO. DRILLING ASSEMBLY BIT RECORD				Depth At Beginning of Tour Drilled This Tour Cored or Reamed This Tour Depth At End of Tour FORMATION (SHOW CORE RECOVERY) ROTA- RY R.P.M. WT ON BIT 1000# PUMP PRESS. LINER SIZE S.P.M. HRS. RUN										MUD RECORD				
STANDS DP FT. Drilling or Core Bit No.				6618										TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
SNGLS. DP FT. TYPE														WEIGHT				
D.C. OD FT. SIZE														VISC.				
RMR BODY OD FT. SERIAL No.														W.L.-C.C.				
STB BODY OD FT. DEPTH IN														FLTR. CK.				
SUBS OD FT. DEPTH OUT														pH				
BIT OR C.B. FT. FT. DRILLED														SD. CONT.				
Kelly Down FT. FT. CORED														MUD & CHEMICALS ADDED				
TOTAL FT. CUM. HRS. RUN														TYPE AMT. TYPE AMT.				
WT OF STRING LBS. CONDITION																		
DRILLER <i>D. D. Thurnay</i>																		
WEATHER CONDITIONS																		

NO. DRILLING ASSEMBLY BIT RECORD				Depth At Beginning of Tour Drilled This Tour Cored or Reamed This Tour Depth At End of Tour FORMATION (SHOW CORE RECOVERY) ROTA- RY R.P.M. WT ON BIT 1000# PUMP PRESS. LINER SIZE S.P.M. HRS. RUN										MUD RECORD				
STANDS DP FT. Drilling or Core Bit No.				6618										TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
SNGLS. DP FT. TYPE														WEIGHT				
D.C. OD FT. SIZE														VISC.				
RMR BODY OD FT. SERIAL No.														W.L.-C.C.				
STB BODY OD FT. DEPTH IN														FLTR. CK.				
SUBS OD FT. DEPTH OUT														pH				
BIT OR C.B. FT. FT. DRILLED														SD. CONT.				
Kelly Down FT. FT. CORED														MUD & CHEMICALS ADDED				
TOTAL FT. CUM. HRS. RUN														TYPE AMT. TYPE AMT.				
WT OF STRING LBS. CONDITION																		
DRILLER <i>D. D. Thurnay</i>																		
WEATHER CONDITIONS																		

NO. DRILLING ASSEMBLY BIT RECORD				Depth At Beginning of Tour Drilled This Tour Cored or Reamed This Tour Depth At End of Tour FORMATION (SHOW CORE RECOVERY) ROTA- RY R.P.M. WT ON BIT 1000# PUMP PRESS. LINER SIZE S.P.M. HRS. RUN										MUD RECORD				
STANDS DP FT. Drilling or Core Bit No.				6618										TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
SNGLS. DP FT. TYPE														WEIGHT				
D.C. OD FT. SIZE														VISC.				
RMR BODY OD FT. SERIAL No.														W.L.-C.C.				
STB BODY OD FT. DEPTH IN														FLTR. CK.				
SUBS OD FT. DEPTH OUT														pH				
BIT OR C.B. FT. FT. DRILLED														SD. CONT.				
Kelly Down FT. FT. CORED														MUD & CHEMICALS ADDED				
TOTAL FT. CUM. HRS. RUN														TYPE AMT. TYPE AMT.				
WT OF STRING LBS. CONDITION																		
DRILLER <i>D. D. Thurnay</i>																		
WEATHER CONDITIONS																		

NO. DRILLING ASSEMBLY BIT RECORD				Depth At Beginning of Tour Drilled This Tour Cored or Reamed This Tour Depth At End of Tour FORMATION (SHOW CORE RECOVERY) ROTA- RY R.P.M. WT ON BIT 1000# PUMP PRESS. LINER SIZE S.P.M. HRS. RUN</									
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OPERATOR Amurex		LOCATION LSD.		SEC.		TWP. Murphy Boc		RGE. W.		WELL NAME Murphy River		No.		PROVINCE NWT																			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 7		DRILL PIPE STRING NO. SIZE 2 1/2		TOOL JOINT 5 3/4 OD TYPE THD. FH		DRILL PIPE GRADE D		PUMPS No. MANUFACTURER TYPE 1. N5co C350 2. O.I. well 214P 3.		CASING & LINER RECORD		SIZE WT & GR.		DEPTH SET FROM TO		TYPE OF CEMENT		CEMENT USED		OTHER											
OPERATOR'S REPRESENTATIVE Keith Baal		CONTRACTOR'S TOOL PUSHER Alan Lister																															
TIME DISTRIBUTION—HOURS																																	
Morn Day Eve																																	
DRILLING																																	
TRIPPING																																	
RIG MAINTENANCE																																	
RIG REPAIRS																																	
HOLE SURVEYS																																	
CONDITIONING MUD																																	
CONDITIONING HOLE																																	
Reaming & Cleaning To Bottom																																	
WORKING OR STUCK PIPE																																	
FISHING																																	
LO.T. CIRCULATION																																	
CASING																																	
WAITING ON CEMENT																																	
HEADING UP AND DRILLING OUT																																	
MISCELLANEOUS																																	
SUB TOTAL																																	
DAYWORK HOURS																																	
TOTAL HOURS																																	
WIRE LINE RECORD																																	
REEL NO.																																	
NO. OF LINES																																	
SIZE																																	
FEET SLIPPED																																	
FEET CUT OFF																																	
PRESENT LENGTH																																	
TON MI. or TRIPS SINCE LAST CUT																																	
CUMULATIVE TON MI. or TRIPS																																	
NO. OF DAYS FROM SPUD																																	
CUMULATIVE ROTATING HRS.																																	
DAYS SINCE LAST ACCDNT.																																	
DRILLER ACCDNT. FREE DAYS																																	
MORNING TOUR																																	
DAY TOUR																																	
EVENING TOUR																																	
NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD					
66		STANDS DP 5888.18 FT.		Drilling or Core Bit No. 17		6493		61				6344				65		50		1100		6		54		74		TIME 1st HR. 3rd HR. 5th HR. 7th HR.					
		SNGLS. DP FT.		TYPE 56																PUMP No. 1								WEIGHT 9.9 10.0 10.1 10.2					
		D.C. OD FT.		SIZE 8 3/4																PUMP No. 2								VISC. 161 196 220 212					
		RMR BODY OD FT.		NOZZ. SIZE 1 1/2																								W.L.-C.C. 2.6 2.4 2.6 2.6					
		STB BODY OD FT.		SERIAL No. 489382																								FLTR. CK. 7/32 7/32 7/32 7/32					
		SUBS OD 1.90 FT.		DEPTH IN 6478																								pH 7.8 7.8 7.8 7.8					
		BIT OR C.B. FT.		FT. DRILLED 66																								SD. CONT.					
		FT. REAMED																										MUD & CHEMICALS ADDED					
		Kelly Down 15 FT.		FT. CORED																								TYPE AMT. TYPE AMT.					
		TOTAL 6344 FT.		CUM. HRS. RUN 9 1/4																								PLASTER 100					
		WT OF STRING 170000 LBS.		CONDITION 0B																								MYLO-JEL 100					
		DRILLER E. Saville																										GEL 1000					
		WEATHER CONDITIONS Warm																										WHITER					
		NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD			
		66		STANDS DP 5418.47 FT.		Drilling or Core Bit No. 17		6544		49				6793		2 1/2		65		50		1050		6		54		6 1/2		TIME 1st HR. 3rd HR. 5th HR. 7th HR.			
				SNGLS. DP FT.		TYPE 56																PUMP No. 1								WEIGHT 102 101 10 10			
				D.C. OD FT.		SIZE 8 3/4																PUMP No. 2								VISC. 185 205 200 180			
				RMR BODY OD FT.		NOZZ. SIZE 1 1/2																											

[illegible]

DAILY DRILLING REPORT

OPERATOR Amurex		LOCATION LS.D. SEC. TWP. RGE. W.		WELL NAME Murphy B.O.C. Muskeg River #1		PROVINCE N.W.T.	
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. & SIZE 42	TOOL JOINT 5 3/4	OD 5 3/4	DRILL PIPE GRADE FH	PUMPS No. 1. Notional C350 No. 2. Oilwell 914-P No. 3.
OPERATOR'S REPRESENTATIVE Karl Baab		CONTRACTOR'S TOOL PUSHER Alan Bates		CASING & LINER RECORD		DEPTH SET FROM TO TYPE OF CEMENT CEMENT USED OTHER	

TIME DISTRIBUTION—HOURS				MORNING TOUR		DAY TOUR		EVENING TOUR	
	Morn	Day	Eve						
DRILLING	5 1/2	4 1/4	4 3/4						
TRIPPING	2 1/4	2 1/4							
RIG MAINTENANCE	1/4	1/4	1/4						
RIG REPAIRS									
HOLE SURVEYS									
CONDITIONING MUD									
CONDITIONING HOLE									
Working & Clearing To Bottom									
WORKING OR STUCK PIPE									
FISHING									
LOST CIRCULATION									
CASING									
WAITING ON CEMENT									
HEADING UP AND DRILLING OUT									
MISCELLANEOUS									
SUB TOTAL	8	8	8						
DAYWORK HOURS									
TOTAL HOURS									

WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD					
REEL NO.	NO. OF LINES	SIZE	STANDS	DP	FT.	Drilling or Core Bit No.	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	TIME	1st HR.	3rd HR.	5th HR.	7th HR.	WEIGHT	9.9	9.9	10.0			
FEET SLIPPED			SNGLS.	DP	FT.	TYPE	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	VISC.	180	178	195	W.L.-C.C.	2.4	2.4	2.4	FLTR. CK.	7.5	7.5	7.5
FEET CUT OFF			D.C.	OD	FT.	NOZZ. SIZE	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	pH	7.5	7.5	7.5	SD. CONT.	7.5	7.5	7.5				
PRESENT LENGTH			RMR BODY	OD	FT.	SERIAL No.	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	MUD & CHEMICALS ADDED											
TON MI. OF TRIPS SINCE LAST CUT			STB BODY	OD	FT.	DEPTH IN	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52												
CUMULATIVE TON MI. OF TRIPS			1	SUBS	OD	FT.	DEPTH OUT	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	MUD & CHEMICALS ADDED										
NO. OF DAYS FROM SPUD	20		BIT OR C.B.	FT.	FT. DRILLED	6459	12	6451	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52											
CUMULATIVE ROTATING HRS.	3664		Kelly Down	20.72	FT.	FT. CORED	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	MUD & CHEMICALS ADDED											
DAYS SINCE LAST ACCNT.	59		TOTAL	6451.09	FT.	CUM. HRS. RUN	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52												
DRILLER ACCNT. FREE DAYS			WT OF STRING	142	LBS.	CONDITION	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52	MUD & CHEMICALS ADDED											
MORNING TOUR	117		DRILLER	H.D. Murray		WEATHER CONDITIONS	6459	12	6451	12	6451	12	6451	12	6451	90	12	875	6	30	52												
DAY TOUR	52																																
EVENING TOUR	223																																

WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
REEL NO.	NO. OF LINES	SIZE	STANDS	DP	FT.	Drilling or Core Bit No.	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	TIME	1st HR.	3rd HR.	5th HR.	7th HR.	WEIGHT	9.9	9.9	9.9		
FEET SLIPPED			SNGLS.	DP	FT.	TYPE	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	VISC.	190	200	220	180	W.L.-C.C.	2.6	2.6	3.2	3.9	
FEET CUT OFF			D.C.	OD	FT.	NOZZ. SIZE	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	FLTR. CK.	7.2	7.2	7.2	7.2	pH	7.8	7.8	7.8	SD. CONT.	7.8
PRESENT LENGTH			RMR BODY	OD	FT.	SERIAL No.	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	MUD & CHEMICALS ADDED										
TON MI. OF TRIPS SINCE LAST CUT			STB BODY	OD	FT.	DEPTH IN	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57											
CUMULATIVE TON MI. OF TRIPS			1	SUBS	OD	FT.	DEPTH OUT	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	MUD & CHEMICALS ADDED									
NO. OF DAYS FROM SPUD	20		BIT OR C.B.	FT.	FT. DRILLED	6412	18	37	6466	18	37	6466	18	37	6466	18	37	80	35	900	6	56									57	
CUMULATIVE ROTATING HRS.	3664		Kelly Down	28.44	FT.	FT. CORED	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	MUD & CHEMICALS ADDED										
DAYS SINCE LAST ACCNT.	59		TOTAL	6466.00	FT.	CUM. HRS. RUN	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57											
DRILLER ACCNT. FREE DAYS			WT OF STRING	17000	LBS.	CONDITION	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57	MUD & CHEMICALS ADDED										
MORNING TOUR	117		DRILLER	W.D. Smith		WEATHER CONDITIONS	6412	18	37	6466	18	37	6466	18	37	80	35	900	6	56	57											
DAY TOUR	52																															
EVENING TOUR	223																															

OPERATOR Amurex		LOCATION LSD.		SEC. SEC.		TWP. TWP.		RGE. RGE.		W. W.		WELL NAME Murphy B.O.C. Muskeg River #1		PROVINCE N.W.T.		
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 42	TOOL JOINT 5 1/4	OD 42	DRILL PIPE GRADE FH	PUMPS No. MANUFACTURER TYPE 1. National C350 2. Oilwell 214-P 3.		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO		TYPE OF CEMENT	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE Kirk Baul		CONTRACTOR'S TOOL PUSHER W. J. J. J.														
TIME DISTRIBUTION—HOURS																
Morn Day Eve																
TRIPPING																
RIG MAINTENANCE																
RIG REPAIRS																
HOLE SURVEYS																
CONDITIONING MUD																
CONDITIONING HOLE																
Reaming & Cleaning To Bottom																
WORKING OR STUCK PIPE																
FISHING																
LOST CIRCULATION																
CASING																
WAITING ON CEMENT																
HEADING UP AND DRILLING OUT																
MISCELLANEOUS																
SUB TOTAL																
DAYWORK HOURS																
TOTAL HOURS																
WIRE LINE RECORD																
REEL NO.																
NO. OF LINES																
SIZE																
FEET SLIPPED																
FEET CUT OFF																
PRESENT LENGTH																
TON MI. OF TRIPS SINCE LAST CUT																
CUMULATIVE TON MI. OF TRIPS																
NO. OF DAYS FROM SPUD																
CUMULATIVE ROTATING HRS.																
DAYS SINCE LAST ACCNT.																
DRILLER ACCNT. FREE DAYS																
MORNING TOUR																
DAY TOUR																
EVENING TOUR																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																
NO. DRILLING ASSEMBLY																
STANDS DP																
SNGLS. DP																
D.C. OD																
RMR BODY OD																
STB BODY OD																
SUBS OD																
BIT OR C.B.																
Kelly Down																
TOTAL																
WT OF STRING																
DRILLER																
WEATHER CONDITIONS																

DAILY DRILLING REPORT

OPERATOR		LOCATION		LS.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE																		
Amurex									Murphy B.O.C. Muskeg River #1		N.W.T.																		
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO.	TOOL JOINT	OD	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER														
PETER BAWDEN DRILLING LIMITED		8	43	5 3/4			No. MANUFACTURER TYPE																						
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD.																									
L. D. Bawden				FH																									
1. National C 350																													
2. Oilwell 214-P.																													
3.																													
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
Morn Day Eve		STANDS DP FT.		Drilling or Core Bit No.		6376										100		20		1000		6		54		TIME 1st HR. 3rd HR. 5th HR. 7th HR.			
DRILLING		1 SNGLS. DP 6039.58 FT.		TYPE W7																PUMP No. 1						WEIGHT 10.2 10.2 10.2			
TRIPPING		10 D.C. 2 1/2 OD 294.15 FT.		SIZE 8 3/4																PUMP No. 2						VISC. 350 345 343			
RIG MAINTENANCE		1 RMR BODY OD FT.		SERIAL No. 68209																						W.L.-C.C. 3.4 3.4 3.4			
RIG REPAIRS		1 STB BODY OD FT.		DEPTH IN 6370																						FLTR. CK. 32 32 32			
HOLE SURVEYS		1 SUBS OD 1.90 FT.		DEPTH OUT 6376																						pH 8.0 9.0 8.0			
CONDITIONING MUD		BIT OR C.B. FT.		FT. DRILLED 56																						SD. CONT.			
CONDITIONING HOLE		Kelly Down 40.37 FT.		FT. CORED 56																						MUD & CHEMICALS ADDED			
Reaming & Cleaning To Bottom		TOTAL 6376.00 FT.		CUM. HRS. RUN 6																						TYPE AMT. TYPE AMT.			
WORKING OR STUCK PIPE		WT OF STRING 140 LBS.		CONDITION																						Gel 3400#			
FISHING		DRILLER H. D. Murray																								Myl Jel 200#			
LOST CIRCULATION		WEATHER CONDITIONS Snowing																								Dineco 60#			
CASING		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
WAITING ON CEMENT		STANDS DP FT.		Drilling or Core Bit No.		6376																						TIME 1st HR. 3rd HR. 5th HR. 7th HR.	
HEADING UP AND DRILLING OUT		1 SNGLS. DP 6039.58 FT.		TYPE																PUMP No. 1								WEIGHT	
MISCELLANEOUS		10 D.C. 2 1/2 OD 294.15 FT.		SIZE																PUMP No. 2								VISC.	
SUB TOTAL		1 RMR BODY OD FT.		SERIAL No.																								W.L.-C.C.	
DAYWORK HOURS		1 STB BODY OD FT.		DEPTH IN																								FLTR. CK.	
TOTAL HOURS		1 SUBS OD 8379 FT.		DEPTH OUT																								pH	
WIRE LINE RECORD		BIT OR C.B. FT.		FT. DRILLED																								SD. CONT.	
REEL NO.		Kelly Down FT.		FT. CORED																								MUD & CHEMICALS ADDED	
NO. OF LINES		TOTAL 110.00 FT.		CUM. HRS. RUN																								TYPE AMT. TYPE AMT.	
SIZE		WT OF STRING 110.00 LBS.		CONDITION																								PRISIR 200#	
FEET SLIPPED		DRILLER C. Saville																										MY-10-JEL 600#	
FEET CUT OFF		WEATHER CONDITIONS Cool																										GEL 1200#	
PRESENT LENGTH		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
TON MI. OF TRIPS SINCE LAST CUT		STANDS DP FT.		Drilling or Core Bit No.		6376		4		6380										PUMP No. 1								TIME 1st HR. 3rd HR. 5th HR. 7th HR.	
CUMULATIVE TON MI. OF TRIPS		1 SNGLS. DP 6069.28 FT.		TYPE 8																PUMP No. 2								WEIGHT	
NO. OF DAYS FROM SPUD		7 D.C. 6 7/8 OD 207.61 FT.		SIZE 6 3/8																								VISC.	
DAYS SINCE LAST ACCDNT.		1 RMR BODY OD FT.		SERIAL No. 3301																								W.L.-C.C.	
DRILLER ACCDNT. FREE DAYS		1 STB BODY OD FT.		DEPTH IN 6376																								FLTR. CK.	
MORNING TOUR		1 SUBS OD 1.90 FT.		DEPTH OUT																								pH	
DAY TOUR		BIT OR C.B. FT.		FT. DRILLED																								SD. CONT.	
EVENING TOUR		Kelly Down 11.17 FT.		FT. CORED 4																								MUD & CHEMICALS ADDED	
		TOTAL 6380.00 FT.		CUM. HRS. RUN 2 1/2																								TYPE AMT. TYPE AMT.	
		WT OF STRING 1400.00 LBS.		CONDITION C.C.																								MY-Jel 500#	
		DRILLER W. J. Walsh																										Plaster 100#	
		WEATHER CONDITIONS																										Spersene 500#	
																												Preserv. 50	
																												Diesel Fuel 5 bbls	
																												WATER.	

DAILY DRILLING REPORT										WELL NAME										PROVINCE									
OPERATOR										LOCATION										LSD.									
CONTRACTOR										RIG NO.										DRILL PIPE									
OPERATOR'S REPRESENTATIVE										CONTRACTOR'S TOOL PUSHER										PUMPS									
TIME DISTRIBUTION—HOURS										NO. DRILLING ASSEMBLY										BIT RECORD									
MORNING TOUR										DAY TOUR										EVENING TOUR									
WIRE LINE RECORD										NO. DRILLING ASSEMBLY										BIT RECORD									
REEL NO.										NO. DRILLING ASSEMBLY										BIT RECORD									
NO. OF LINES										NO. DRILLING ASSEMBLY										BIT RECORD									
FEET SLIPPED										NO. DRILLING ASSEMBLY										BIT RECORD									
FEET CUT OFF										NO. DRILLING ASSEMBLY										BIT RECORD									
PRESENT LENGTH										NO. DRILLING ASSEMBLY										BIT RECORD									
TON MI. or TRIPS										NO. DRILLING ASSEMBLY										BIT RECORD									
CUMULATIVE										NO. DRILLING ASSEMBLY										BIT RECORD									
TON MI. or TRIPS										NO. DRILLING ASSEMBLY										BIT RECORD									
NO. OF DAYS										NO. DRILLING ASSEMBLY										BIT RECORD									
FROM SPUD										NO. DRILLING ASSEMBLY										BIT RECORD									
CUMULATIVE										NO. DRILLING ASSEMBLY										BIT RECORD									
ROTATING HRS.										NO. DRILLING ASSEMBLY										BIT RECORD									
DAYS SINCE										NO. DRILLING ASSEMBLY										BIT RECORD									
LAST ACCNT.										NO. DRILLING ASSEMBLY										BIT RECORD									
DRILLER ACCNT.										NO. DRILLING ASSEMBLY										BIT RECORD									
FREE DAYS										NO. DRILLING ASSEMBLY										BIT RECORD									
MORNING TOUR										NO. DRILLING ASSEMBLY										BIT RECORD									
DAY TOUR										NO. DRILLING ASSEMBLY										BIT RECORD									
EVENING TOUR										NO. DRILLING ASSEMBLY										BIT RECORD									

[illegible]

[illegible]

OPERATOR Amurex		LOCATION Murphy		LSD. B.O.C.		SEC. W.		TWP. Muskeg River		WELL NAME No. 1		PROVINCE N.I. W.T					
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. & SIZE 4 3/4	TOOL JOINT 5 3/4	OD 5 3/4	DRILL PIPE GRADE D	PUMPS No. MANUFACTURE TYPE 1. National C 360 2. Oilwell 214-P. 3.		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO		TYPE OF CEMENT	CEMENT USED	OTHER	
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD. FH													

TIME DISTRIBUTION—HOURS			MORNING TOUR										DAY TOUR										EVENING TOUR									
	Morn	Day	Even	NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD										
DRILLING	7 1/4	7 1/4		60	STANDS DP	5374.5	FT.	Drilling or Core Bit No.	12	5891	134		6025			100	25	1000	6"	54		TIME 1st HR. 3rd HR. 5th HR. 7th HR.										
TRIPPING				2	SNGLS. DP	58.64	FT.	TYPE	OSC 3													WEIGHT 10.1 10.1 10.1 10.2										
RIG MAINTENANCE	1/4	1/4		19	D.C. 3/4 OD	552.82	FT.	SIZE	8 3/4													VISC. 74 70 72 75										
RIG REPAIRS								NOZZ. SIZE	7/16													W.L.-C.C. 3.2 3.2 3.2 3.2										
MOLE SURVEYS	1/2				RMR BODY OD		FT.	SERIAL No.	7574													FLTR. CK. 32 32 32 32										
CONDITIONING MUD				1	STB BODY OD		FT.	DEPTH IN	5799													pH 8.0 8.0 8.0 8.0										
CONDITIONING HOLE					SUBS OD	1.92	FT.	DEPTH OUT														SD. CONT. Persp. 0.07										
Reaming & Cleaning To Bottom					BIT OR C.B.		FT.	FT. DRILLED	226													C350 & CHEMICALS ADDED										
WORKING OR STUCK PIPE								FT. REAMED														TYPE AMT. TYPE AMT.										
FISHING					Kelly Down	37.13	FT.	FT. CORED																								
LOST CIRCULATION					TOTAL	6025.00	FT.	CUM. HRS. RUN	12 1/2																							
CASING					WT OF STRING	155	LBS.	CONDITION	DRUG																							
WAITING ON CEMENT					DRILLER	R.D. Murphy																										
HEADING UP AND DRILLING OUT					WEATHER CONDITIONS	Cold																										
MISCELLANEOUS																																
SUB TOTAL	8	9																														
DAYWORK HOURS																																
TOTAL HOURS																																

WIRE LINE RECORD		MORNING TOUR										DAY TOUR										EVENING TOUR									
REEL NO.		NO. OF LINES		SIZE	NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD								
FEET SLIPPED		63			STANDS DP	5674.67	FT.	Drilling or Core Bit No.	12	6167	102		6269	SHALE.		100	35	1000	6	54	7 1/4	TIME 1st HR. 3rd HR. 5th HR. 7th HR.									
FEET CUT OFF		1			SNGLS. DP	5674.67	FT.	TYPE	OSC 3															WEIGHT 104 103 102 102							
PRESENT LENGTH		19			D.C. 3/4 OD	552.82	FT.	SIZE	8 3/4															VISC. 85 65 63 62							
TON MI. or TRIPS SINCE LAST CUT								NOZZ. SIZE	7/16															W.L.-C.C. 3.2 3.2 3.2 3.2							
CUMULATIVE TON MI. or TRIPS					RMR BODY OD		FT.	SERIAL No.	7574															FLTR. CK. 32 32 32 32							
					STB BODY OD		FT.	DEPTH IN	5799															pH 8.0 8.0 8.0 8.0							
					SUBS OD	1.90	FT.	DEPTH OUT																SD. CONT.							
					BIT OR C.B.		FT.	FT. DRILLED	368																						

DAILY DRILLING REPORT

OPERATOR Amurpx	LOCATION SEC. 53/4	SEC. 53/4	TWP. B.O.C.	RGS. W.	WELL NAME MUSKIE RIVER #1	No.	PROVINCE
CONTRACTOR PETER BAWDEN DRILLING LIMITED	RIG NO. 8	DRILL PIPE STRING NO. 472	TOOL JOINT 53/4	DRILL PIPE GRADE 0	PUMPS	CASING & LINER RECORD	SIZE WT & GR.
OPERATOR'S REPRESENTATIVE H. B.	CONTRACTOR'S TOOL PUSHER	TYPE TMD. F.H.		No. MANUFACTURER TYPE		DF TH SET FROM TO TYPE OF CEMENT CEMENT USED OTHER	
				1. NAT C-350			
				2. DIKWEAL 310 P			
				3.			

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING	7 1/4	5 1/2	
TRIPPING	2 1/4	2 1/2	
RIG MAINTENANCE	1 1/4	1 1/4	
RIG REPAIRS			
HOLE SURVEYS	1/2		
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom			
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS		4 1/2	
SUB TOTAL	8	8	8
DAYWORK HOURS			
TOTAL HOURS			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1 1/4
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. or TRIPS SINCE LAST CUT	220
CUMULATIVE TON MI. or TRIPS	4745
NO. OF DAYS FROM SPUD	22
CUMULATIVE ROTATING HRS.	274 1/2
DAYS SINCE LAST ACCONT.	52
DRILLER ACCONT. FREE DAYS	
MORNING TOUR	231
DAY TOUR	110
EVENING TOUR	45

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	MRS. RUN	MUD RECORD
58	STANDS DP 5794.05	Drilling or Core Bit No. 11	2650	133		2788		100	30	1000	6"	54	74	TIME 1st HR. 3rd HR. 5th HR. 7th HR.
19	D.C. 6 3/4 552.82	TYPE LW3 8 3/4												WEIGHT 99 10 100 100
	OD 552.82	SIZE 8 3/4												VISC. 85 85 88 89
	RMR BODY OD 552.82	NOZZ. SIZE 9992												W.L.-C.C. 38 26
	STB BODY OD 552.82	SERIAL No. 9992												FLTR. CK. 772 272
	SUBS OD 1.90	DEPTH IN 2596												pH 80 80
	BIT OR C.B.	DEPTH OUT 192												SD. CONT.
		FT. DRILLED 192												MUD & CHEMICALS ADDED
		FT. REAMED												TYPE AMT. TYPE AMT.
	Kelly Down 39.34	FT. CORED 19 1/2												MY LOGS 600
	TOTAL 5788.00	CUM. HRS. RUN 19 1/2												PLASTER 400
	WT OF STRING 142.000	CONDITION												WATER
	DRILLER													
	WEATHER CONDITIONS													

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	MRS. RUN	MUD RECORD
58	STANDS DP 5794.05	Drilling or Core Bit No. 11	5788	11		5799		100	30	950	6"	54	52	TIME 1st HR. 3rd HR. 5th HR. 7th HR.
1	SNGLS. DP 30.60	TYPE LW3 OSC 8 3/4												WEIGHT 10.0
19	D.C. 6 3/4 552.82	SIZE 8 3/4												VISC. 76
	OD 552.82	NOZZ. SIZE 11/16												W.L.-C.C. 3.2
	RMR BODY OD 552.82	SERIAL No. 9992												FLTR. CK. 772
	STB BODY OD 552.82	DEPTH IN 5596												pH 8.0
	SUBS OD 1.90	DEPTH OUT 5799												SD. CONT.
	BIT OR C.B.	FT. DRILLED 203												MUD & CHEMICALS ADDED
		FT. REAMED												TYPE AMT. TYPE AMT.
	Kelly Down 19.63	FT. CORED 11 1/2												
	TOTAL 5799.04	CUM. HRS. RUN 11 1/2												
	WT OF STRING 143	CONDITION Locked												
	DRILLER R. D. Murray													
	WEATHER CONDITIONS B122ard													

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	MRS. RUN	MUD RECORD
59	STANDS DP 5794.05	Drilling or Core Bit No. 12	5799	92		5891		100	30	1000	6"	54	54	TIME 1st HR. 3rd HR. 5th HR. 7th HR.
5	SNGLS. DP 30.60	TYPE OSC 8 3/4												WEIGHT TR 10.1 70.1
19	D.C. 6 3/4 552.82	SIZE 8 3/4												VISC. 15 72
	OD 552.82	NOZZ. SIZE 1 1/2												W.L.-C.C. 3.2 3.0
	RMR BODY OD 552.82	SERIAL No. 7574												FLTR. CK. 772 772
	STB BODY OD 552.82	DEPTH IN 5799												pH 8.0 8.0
	SUBS OD 1.90	DEPTH OUT 5799												SD. CONT. 10 10
	BIT OR C.B.	FT. DRILLED 92												MUD & CHEMICALS ADDED
		FT. REAMED												TYPE AMT. TYPE AMT.
	Kelly Down 12	FT. CORED 5 1/4												
	TOTAL 5891	CUM. HRS. RUN 5 1/4												
	WT OF STRING 155	CONDITION OB												
	DRILLER C. Saville													
	WEATHER CONDITIONS Cold													

DAILY DRILLING REPORT									
OPERATOR AMUREX		LOCATION MURPHY B.O.P.		WELL NAME MUSKEG RIVER		No. 1		PROVINCE W.W-T.	
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 472	TOOL JOINT 534	DRILL PIPE GRADE D	PUMPS		CASING & LINER RECORD	
OPERATOR'S REPRESENTATIVE R. Ball		CONTRACTOR'S TOOL PUSHER Alonso		No. MANUFACTURER TYPE		SIZE WT & GR.		DEPTH SET FROM TO	
				1. NAT C-350				TYPE OF CEMENT	
				2. W.L.C.C. 214 P				CEMENT USED	
				3.				OTHER	
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	
Morn Day Eve		54 STANDS DP 4831.36 FT.		Drilling or Core Bit No. 10		3276		110	
DRILLING 7 1/4 6 3/4		19 SNGLS. DP 29.42 FT.		TYPE 23		3446			
TRIPPING 3/4 5/4		19 D.C. 6 3/4 OD 552.82 FT.		SIZE 8 3/4					
RIG MAINTENANCE 1/4 1/4 1/4		RMR BODY OD FT.		NOZZ. SIZE 1 1/16					
RIG REPAIRS 1/4 1/4 1/4		STB BODY OD FT.		SERIAL No. 406248					
HOLE SURVEYS 1/2 1/4		1 SUBS OD 1.90 FT.		DEPTH IN 4954					
CONDITIONING MUD		BIT OR C.B. FT.		FT. DRILLED 492					
CONDITIONING HOLE		Kelly Down 2429 FT.		FT. REAMED					
Reaming & Cleaning To Bottom 1/4		TOTAL 5446.00 FT.		CUM. HRS. RUN 20 1/2					
WORKING OR STUCK PIPE		WT OF STRING 135,000 LBS.		CONDITION					
		DRILLER J. Williams							
		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	
Cut and Slip Line 3/4		56 STANDS DP 5015.75 FT.		Drilling or Core Bit No. 10		5446		150	
LOST CIRCULATION		19 SNGLS. DP 29.42 FT.		TYPE 53		5596			
CASING		19 D.C. 6 3/4 OD 552.82 FT.		SIZE 8 3/4					
WAITING ON CEMENT		RMR BODY OD FT.		NOZZ. SIZE 1 1/16					
HEADING UP AND DRILLING OUT		STB BODY OD FT.		SERIAL No. 406248					
MISCELLANEOUS		1 SUBS OD 1.90 FT.		DEPTH IN 4954					
SUB TOTAL 8 8 8		BIT OR C.B. FT.		FT. DRILLED 642					
DAYWORK HOURS		Kelly Down 25.53 FT.		FT. REAMED					
TOTAL HOURS		TOTAL 5596.00 FT.		CUM. HRS. RUN 26 1/2					
		WT OF STRING 133,000 LBS.		CONDITION					
		DRILLER R.D. Murphy							
		WEATHER CONDITIONS							
WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	
REEL NO. 9		56 STANDS DP 5015.75 FT.		Drilling or Core Bit No. 11		5596		54	
NO. OF LINES 8		19 SNGLS. DP 29.42 FT.		TYPE 203		5650			
FEET SLIPPED 85		19 D.C. 6 3/4 OD 552.82 FT.		SIZE 8 3/4					
FEET CUT OFF 85		RMR BODY OD FT.		NOZZ. SIZE 1 1/16					
PRESENT LENGTH 76		STB BODY OD FT.		SERIAL No. 9992					
TON MI. OF TRIPS SINCE LAST CUT 4601		1 SUBS OD 1.90 FT.		DEPTH IN 5596					
CUMULATIVE TON MI. OF TRIPS 21		BIT OR C.B. FT.		FT. DRILLED 54					
NO. OF DAYS FROM SPUD 26034		Kelly Down 22 FT.		FT. REAMED					
CUMULATIVE ROTATING HRS. 51		TOTAL 5650 FT.		CUM. HRS. RUN 3 1/4					
DAYS SINCE LAST ACCNT. 51		WT OF STRING 142000 LBS.		CONDITION OB					
DRILLER ACCNT. FREE DAYS		DRILLER C. Saville							
MORNING TOUR 230		WEATHER CONDITIONS Warm							
DAY TOUR 109									
EVENING TOUR 44									

[illegible]

TIME DISTRIBUTION—HOURS			
	Morn	Day	Eve
DRILLING	2 1/2	6	2 1/4
TRIPPING	1 3/4	1 1/4	
RIG MAINTENANCE	1/4	1/4	1/4
RIG REPAIRS			
HOLE SURVEYS	1/2		1/2
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom			

NO. DRILLING ASSEMBLY			SIT RECORD	
STANDS DP	FT.	Drilling or Core Bit No	9	
2 SNGLS. DP	1365.75	TYPE	56	
19 D.C. 6 3/8	552.82	SIZE	8 3/4	
		NOZZ. SIZE	1 1/16	
RMR BODY OD		SERIAL No.	498171	
STB BODY OD		DEPTH IN	4652	
1 SUBS OD	1.90	DEPTH OUT	4954	
BITS OR C.B.		FT. DRILLED	302	
		FT. REAMED		
Kelly Down	2413	FT. CORED		
TOTAL	4954.00	CUM. HRS. RUN	18 1/2	
WT OF STRING	130.00	LBS.		
DRILLER				
WEATHER CONDITIONS				

Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	MRS. RUN
4876	78		4954		100	35	900	6"	52	5 1/2

DEVIATION RECORD:	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	4933	3 1/4"							

From	To	Elapsed Time	REMARKS
12 10 00	14	14	SER RIG - CHECK B.O.P.
12 10 40	3 50	3 50	DRILLING
4 430	1/2	1/2	SURVEY ON LINE
430 15	1 3/4	1 3/4	DRILLING
6 15 8	1 3/4	1 3/4	TRIPPING FOR BIT

MUD RECORD				
TIME	1st HR.	3rd HR.	5th HR.	7th HR.
WRIGHT	9.9	9.9	9.0	
VISC.	98	85	85	
W.L.-C.C.	3.8		3.8	
FLTR. CK.				
pH				
SD. CONT.				
MUD & CHEMICALS ADDED				
TYPE	AMT.	TYPE	AMT.	
SPALLS FINE: 200				

[illegible][illegible]

DAILY DRILLING REPORT

OPERATOR AMUREX		LOCATION WITWORTH	SEG. 2	TWP. 1	R. 1	WELL NAME MUSKOG RIVER	No. 1	PROVINCE N.W.T.
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE S"RING NO. 472	TOOL JOINT 2 3/4	OD 1	DRILL PIPE GRADE D	PUMPS	
OPERATOR'S REPRESENTATIVE Karl Ball		CONTRACTOR'S TOOL PUSHER W. H. Hols		TYPE THD. F.H.		CASING & LINER RECORD		SIZE WT & GR.
						No. MANUFACTURER TYPE		DEPTH SET FROM TO
						1. NAI C-350		TYPE OF CEMENT
						2. Edwell 214P		CEMENT USED
						3.		OTHER

TIME DISTRIBUTION—HOURS				MORNING TOUR		DAY TOUR		EVENING TOUR	
	Morn	Day	Eve						
DRILLING	6	5	1/2						
TRIPPING	1/4	2							
RIG MAINTENANCE	1/4	1/4	1/4						
RIG REPAIRS									
HOLE SURVEYS	1/2								
CONDITIONING MUD									
CONDITIONING HOLE									
Reaming & Cleaning To Bottom		1/2							
WORKING OR STUCK PIPE									
FISHING									
LOST CIRCULATION									
CASING									
WAITING ON CEMENT									
HEADING UP AND DRILLING OUT									
MISCELLANEOUS									
SUB TOTAL	8	8	8						
DAYWORK HOURS									
TOTAL HOURS									

WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
REEL NO.	8	NO. OF LINES	SIZE 1 1/2	STANDS	DP	Drilling or Core Bit No.																							
FEET SLIPPED		FEET CUT OFF		SNGLS.	DP	TYPE																							
PRESENT LENGTH		TON MI. OF TRIPS SINCE LAST CUT	279	19	D.C. 3/4	552.82	FT.	NOZZ. SIZE	1 1/16																				
CUMULATIVE TON MI. OF TRIPS	4394	NO. OF DAYS FROM SPI D	19	RMR BODY	OD	FT.	SERIAL No.	498171																					
CUMULATIVE ROTATING HRS.	49	DAYS SINCE LAST ACCDNT.	49	STB BODY	OD	FT.	DEPTH IN	4652																					
DRILLER ACCDNT. FREE DAYS		NO. OF DAYS FROM SPI D	19	SUBS	OD	1.90	FT.	DEPTH OUT																					
MORNING TOUR	228	CUMULATIVE ROTATING HRS.	49	BIT OR C.B.	FT.	FT. DRILLED	224																						
DAY TOUR	107	DAYS SINCE LAST ACCDNT.	49	Kelly Down	17	FT.	FT. CORED																						
EVENING TOUR	42	DRILLER ACCDNT. FREE DAYS		TOTAL	4876	FT.	CUM. HRS. RUN	15																					
		WT OF STRING	130000	LBS.	CONDITION	OD																							
		DRILLER	C. Saville																										
		WEATHER CONDITIONS	Waver																										

WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
REEL NO.	8	NO. OF LINES	SIZE 1 1/2	STANDS	DP	Drilling or Core Bit No.																							
FEET SLIPPED		FEET CUT OFF		SNGLS.	DP	TYPE																							
PRESENT LENGTH		TON MI. OF TRIPS SINCE LAST CUT	279	19	D.C. 3/4	552.82	FT.	NOZZ. SIZE	1 1/16																				
CUMULATIVE TON MI. OF TRIPS	4394	NO. OF DAYS FROM SPI D	19	RMR BODY	OD	FT.	SERIAL No.	498171																					
CUMULATIVE ROTATING HRS.	49	DAYS SINCE LAST ACCDNT.	49	STB BODY	OD	FT.	DEPTH IN	4652																					
DRILLER ACCDNT. FREE DAYS		NO. OF DAYS FROM SPI D	19	SUBS	OD	1.90	FT.	DEPTH OUT																					
MORNING TOUR	228	CUMULATIVE ROTATING HRS.	49	BIT OR C.B.	FT.	FT. DRILLED	224																						
DAY TOUR	107	DAYS SINCE LAST ACCDNT.	49	Kelly Down	17	FT.	FT. CORED																						
EVENING TOUR	42	DRILLER ACCDNT. FREE DAYS		TOTAL	4876	FT.	CUM. HRS. RUN	15																					
		WT OF STRING	130000	LBS.	CONDITION	OD																							
		DRILLER	C. Saville																										
		WEATHER CONDITIONS	Waver																										

WIRE LINE RECORD		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
REEL NO.	8	NO. OF LINES	SIZE 1 1/2	STANDS	DP	Drilling or Core Bit No.																							
FEET SLIPPED		FEET CUT OFF		SNGLS.	DP	TYPE																							
PRESENT LENGTH		TON MI. OF TRIPS SINCE LAST CUT	279	19	D.C. 3/4	552.82	FT.	NOZZ. SIZE	1 1/16																				
CUMULATIVE TON MI. OF TRIPS	4394	NO. OF DAYS FROM SPI D	19	RMR BODY	OD	FT.	SERIAL No.	498171																					
CUMULATIVE ROTATING HRS.	49	DAYS SINCE LAST ACCDNT.	49	STB BODY	OD	FT.	DEPTH IN	4652																					
DRILLER ACCDNT. FREE DAYS		NO. OF DAYS FROM SPI D	19	SUBS	OD	1.90	FT.	DEPTH OUT																					
MORNING TOUR	228	CUMULATIVE ROTATING HRS.	49	BIT OR C.B.	FT.	FT. DRILLED	224																						
DAY TOUR	107	DAYS SINCE LAST ACCDNT.	49	Kelly Down	17	FT.	FT. CORED																						
EVENING TOUR	42	DRILLER ACCDNT. FREE DAYS		TOTAL	4876	FT.	CUM. HRS. RUN	15																					
		WT OF STRING	130000	LBS.	CONDITION	OD																							
		DRILLER	C. Saville																										
		WEATHER CONDITIONS	Waver																										

DAILY DRILLING REPORT

OPERATOR <i>Amurex</i>	LOCATION <i>MORPHIA B.D.C. 10366 RIVER</i>	SEC. <i>10366</i>	TWP. <i>10366</i>	RGE. <i>10366</i>	WELL NAME <i>10366</i>	No.	PROVINCE <i>N.W.T.</i>
CONTRACTOR PETER BAWDEN DRILLING LIMITED	RIG NO. <i>8</i>	DRILL PIPE STRING NO. <i>472</i>	TOOL JOINT <i>574</i>	OD <i>574</i>	DRILL PIPE GRADE <i>0</i>	PUMPS	
OPERATOR'S REPRESENTATIVE <i>Rick Bass</i>	CONTRACTOR'S TOOL PUSHER					CASING & LINER RECORD	
		SIZE		WT & GR.	DEPTH SET	TYPE OF CEMENT	CEMENT USED
		FROM		TO			OTHER
		No.		MANUFACTURER	TYPE		
		1.		<i>107</i>	<i>1-350</i>		
		2.		<i>107</i>	<i>214P</i>		
		3.					

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING	<i>7 1/2</i>	<i>3 1/2</i>	
TRIPPING		<i>3 1/2</i>	
RIG MAINTENANCE	<i>1 1/4</i>	<i>4 1/4</i>	
RIG REPAIRS		<i>1 1/4</i>	
HOLE SURVEYS	<i>1 1/2</i>		
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom			
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS			
SUB TOTAL	<i>18</i>	<i>8</i>	<i>8</i>
DAYWORK HOURS			
TOTAL HOURS			

MORNING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
42	STANDS DP <i>2770.19</i> FT.	Drilling or Core Bit No. <i>7</i>												
1	SNGLS. DP <i>2935</i> FT.	TYPE <i>OSC-3</i>	<i>4200</i>	<i>160</i>		<i>4380</i>		<i>100</i>	<i>30</i>	<i>800</i>	<i>6"</i>	<i>54</i>	<i>7 1/4</i>	
19	D.C. <i>3 1/4</i> OD <i>552.82</i> FT.	SIZE <i>8 3/4</i>							<i>35</i>					
	NOZZ. SIZE <i>1 1/16</i>													
	RMR BODY OD <i>1.90</i> FT.	SERIAL No. <i>27688</i>												
	STB BODY OD <i>1.90</i> FT.	DEPTH IN <i>27688</i>												
	SUBS OD <i>1.90</i> FT.	DEPTH OUT <i>27688</i>												
	BIT OR C.B.	FT. DRILLED <i>438</i>												
		FT. REAMED												
	Kelly Down <i>2574</i> FT.	FT. CORED												
	TOTAL <i>4380.00</i> FT.	CUM. HRS. RUN <i>20 3/4</i>												
	WT OF STRING <i>122,000</i> LBS.	CONDITION												
	DRILLER <i>J. Williams</i>													
	WEATHER CONDITIONS													

DAY TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
43	STANDS DP <i>3859.77</i> FT.	Drilling or Core Bit No. <i>7</i>												
1	SNGLS. DP <i>3859.77</i> FT.	TYPE <i>OSC-3</i>	<i>4380</i>	<i>72</i>		<i>4452</i>		<i>100</i>	<i>40</i>	<i>800</i>	<i>6"</i>	<i>54</i>	<i>3 1/2</i>	
19	D.C. <i>2 3/4</i> OD <i>552.82</i> FT.	SIZE <i>8 3/4</i>												
	NOZZ. SIZE <i>1 1/16</i>													
	RMR BODY OD <i>1.90</i> FT.	SERIAL No. <i>27688</i>												
	STB BODY OD <i>1.90</i> FT.	DEPTH IN <i>3942</i>												
	SUBS OD <i>1.90</i> FT.	DEPTH OUT <i>4396</i>												
	BIT OR C.B.	FT. DRILLED <i>454</i>												
		FT. REAMED <i>56</i>												
	Kelly Down <i>37.57</i> FT.	FT. CORED												
	TOTAL <i>4452.00</i> FT.	CUM. HRS. RUN <i>21 1/2</i>												
	WT OF STRING <i>122</i> LBS.	CONDITION <i>DRILL</i>												
	DRILLER <i>A.D. Murray</i>													
	WEATHER CONDITIONS <i>Mild</i>													

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	<i>8</i> SIZE <i>1 1/2</i>
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OF TRIPS SINCE LAST CUT	<i>157</i>
CUMULATIVE TON MI. OF TRIPS	<i>4272</i>
NO. OF DAYS FROM SPUD	<i>18</i>
CUMULATIVE ROTATING HRS.	<i>206 1/2</i>
DAYS SINCE LAST ACCDNT.	<i>48</i>
DRILLER ACCDNT. FREE DAYS	
MORNING TOUR	<i>227</i>
DAY TOUR	<i>106</i>
EVENING TOUR	<i>41</i>

EVENING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
44	STANDS DP <i>4007.93</i> FT.	Drilling or Core Bit No. <i>8</i>												
2	SNGLS. DP <i>4007.93</i> FT.	TYPE <i>OSC-6</i>	<i>4452</i>	<i>138</i>		<i>4590</i>		<i>100</i>	<i>40</i>	<i>800</i>	<i>6"</i>	<i>54</i>	<i>7</i>	
19	D.C. <i>2 3/4</i> OD <i>552.82</i> FT.	SIZE <i>8 3/4</i>												
	NOZZ. SIZE <i>1 1/16</i>													
	RMR BODY OD <i>1.90</i> FT.	SERIAL No. <i>25494</i>												
	STB BODY OD <i>1.90</i> FT.	DEPTH IN <i>4396</i>												
	SUBS OD <i>1.90</i> FT.	DEPTH OUT <i>4396</i>												
	BIT OR C.B.	FT. DRILLED <i>194</i>												
		FT. REAMED												
	Kelly Down <i>28</i> FT.	FT. CORED												
	TOTAL <i>4590.00</i> FT.	CUM. HRS. RUN <i>9 3/4</i>												
	WT OF STRING <i>122</i> LBS.	CONDITION <i>O.B.</i>												
	DRILLER <i>C. Saville</i>													
	WEATHER CONDITIONS <i>Warm</i>													

DAILY DRILLING REPORT

OPERATOR Amurex	LOCATION LSD. MURPHY SEC. B.O.C. MUSKIE RIVER #1	WELL NAME RIVER #1	No.	PROVINCE N.W.T.
CONTRACTOR PETER BAWDEN DRILLING LIMITED	RIG NO. 8	DRILL PIPE STRING NO. & SIZE #2	TOOL JOINT 5 3/4" OD	DRILL PIPE GRADE D
OPERATOR'S REPRESENTATIVE Rich Baul	CONTRACTOR'S TOOL PUSHER		PUMPS No. MANUFACTURER TYPE 1. 10AT 1-350 2. 10WELL 2-4P	
CASING & LINER RECORD		SIZE	WT & GR.	DEPTH SET FROM TO
TYPE OF CEMENT		CEMENT USED		
OTHER				

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
DRILLING	5 3/4	7 1/2	
TRIPPING	1 3/4	1	
RIG MAINTENANCE	1 1/2	1 1/4	
RIG REPAIRS	1 1/2	1/4	
HOLE SURVEYS	1/2	1/4	
CONDITIONING MUD			
CONDITIONING HOLE			
Reaming & Cleaning To Bottom			
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS			
SUB TOTAL	8	8	9
DAYWORK HOURS			
TOTAL HOURS			

MORNING TOUR

DAY TOUR

EVENING TOUR

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RT R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
37	STANDS DP 2328.33	Drilling or Core Bit No. 6 7												TIME 1st HR. 3rd HR. 5th HR. 7th HR.
1	SNGLS. DP 29.84	TYPE 05C16 05C3	3810	122		3942		100	40	800	6"	54	5 1/2	WEIGHT 9.1 9.2 9.2
19	D.C. 552.82	SIZE 8 3/4 8 3/4												VISC. 78 80 85
	OD 552.82	NOZZ. SIZE 1 1/6 1 1/6												W.L.-C.C. 3.2 3.5
	RMR BODY OD	SERIAL No. 25508 27688												FLTR. CK. 722 732
	STB BODY OD	DEPTH IN 3593 3942												pH 75 75
1	SUBS OD 1.90	DEPTH OUT 3942												SD. CONT.
	BIT OR C.B.	FT. DRILLED 349												
		FT. REAMED												
	Kelly Down 29.15	FT. CORED 16 1/2												
	TOTAL 3942.04	CUM. HRS. RUN 1 1/2												
	WT OF STRING 115.000	CONDITION DULL												
	DRILLER													
	WEATHER CONDITIONS													

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RT R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
38	STANDS DP 3415.38	Drilling or Core Bit No. 7												TIME 1st HR. 3rd HR. 5th HR. 7th HR.
2	SNGLS. DP 5787	TYPE 05C3	3942	110		4052		100	30	800	6"	54	5 1/2	WEIGHT 9.2 9.2 9.2
19	D.C. 552.82	SIZE 8 3/4 8 3/4												VISC. 85 95 95
	OD 552.82	NOZZ. SIZE 1 1/6 1 1/6												W.L.-C.C. 3.6 3.8
	RMR BODY OD	SERIAL No. 27688												FLTR. CK. 32 32
	STB BODY OD	DEPTH IN 3942												pH 9.6 9.6
1	SUBS OD 1.90	DEPTH OUT 110												SD. CONT. Peristone .5 15
	BIT OR C.B.	FT. DRILLED 110												
		FT. REAMED												
	Kelly Down 24.03	FT. CORED 5 3/4												
	TOTAL 4052.04	CUM. HRS. RUN 5 3/4												
	WT OF STRING 115	LBS. CONDITION DRLG												
	DRILLER													
	WEATHER CONDITIONS													

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8
SIZE	1 1/4
FEET SLIPPED	68
FEET CUT OFF	68
PRESENT LENGTH	
TON MI. or TRIPS SINCE LAST CUT	45
CUMULATIVE TON MI. or TRIPS	4160
NO. OF DAYS FROM SPUD	17
CUMULATIVE ROTATING HRS.	198 1/2
DAYS SINCE LAST ACCT.	47
DRILLER ACCT. FREE DAYS	
MORNING TOUR	226
DAY TOUR	105
EVENING TOUR	46

NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RT R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD
40	STANDS DP 3651.67	Drilling or Core Bit No. 7												TIME 1st HR. 3rd HR. 5th HR. 7th HR.
2	SNGLS. DP 3651.67	TYPE 05C3	4052	168		4220		100	30	800	6"	54	7 1/2	WEIGHT 9.2 9.2 9.3 9.3
19	D.C. 552.82	SIZE 8 3/4 8 3/4												VISC. 60 64 83 70
	OD 552.82	NOZZ. SIZE 1 1/6 1 1/6												W.L.-C.C. 3.6 3.6 3.8 4
	RMR BODY OD	SERIAL No. 27688												FLTR. CK. 732 732 732 2
	STB BODY OD	DEPTH IN 3942												pH 9.0 9.0 9.0
1	SUBS OD 1.90	DEPTH OUT 278												SD. CONT. Peristone .05 .05 .10
	BIT OR C.B.	FT. DRILLED 278												
		FT. REAMED												
	Kelly Down 14	FT. CORED 1 1/4												
	TOTAL 4220	CUM. HRS. RUN 1 1/4												
	WT OF STRING 12000	LBS. CONDITION 0B												
	DRILLER													
	WEATHER CONDITIONS													

REPORT No.

DATE:

3/7/61

DAILY DRILLING REPORT

OPERATOR		LOCATION		WELL NAME		No.		PROVINCE						
AMUREX		MURPHY B.O.C. WOSKEB RIVER												
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO.	TOOL JOINT	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET	TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED		8	442	F.T.	D	No. MANUFACTURER TYPE 1. NAT C-550 2. VIKING 214P 3.					FROM TO			
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER												
L. B. Bawden														

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		MRS. RUN		MUD RECORD				
				STANDS	DP	Drilling or Core Bit No.	TYPE	Depth	Drilled	Cored	Depth	Reamed	Formation	Rotary	WT	Pump	Liner	S.P.M.	Mrs. Run	Time	1st HR.	3rd HR.	5th HR.	7th HR.	Weight	1st HR.	3rd HR.	5th HR.	7th HR.					
MORNING TOUR				19	6 3/4	552.82	56	3498.87	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585		
DAY TOUR				34	STANDS	DP	3057.75	56	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585		
EVENING TOUR				36	STANDS	DP	3237.24	6	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640	3640		

REPORT No.

15

DATE:

2/4/61

DAILY DRILLING REPORT										WELL NAME										PROVINCE									
OPERATOR										LOCATION										TWP									
CONTRACTOR										RIG NO.										TOOL JOINT									
OPERATOR'S REPRESENTATIVE										CONTRACTOR'S TOOL PUSHER										PUMPS									
Casing & Liner Record										Depth At Beginning of Tour										Depth At End of Tour									
FORMATION (SHOW CORE RECOVERY)										ROTARY R.P.M.										WT ON BIT 1000#									
PUMP PRESS.										LINER SIZE										S.P.M.									
MRS. RUN										MUD RECORD										TIME									
1st HR.										3rd HR.										5th HR.									
7th HR.										WEIGHT										VISC.									
W.L.-C.C.										FLTR. CK.										pH									
SD. CONT.										MUD & CHEMICALS ADDED										TYPE									
AMT.										TYPE										AMT.									
MORNING TOUR										DAY TOUR										EVENING TOUR									
NO.										DRILLING ASSEMBLY										BIT RECORD									
STANDS										DP										Drilling or Core Bit No.									
SNGLS.										DP										TYPE									
D.C.										OD										SIZE									
NOZZ. SIZE										SERIAL No.										DEPTH IN									
DEPTH OUT										FT. DRILLED										FT. REAMED									
Kelly Down										FT.										FT. CORED									
TOTAL										FT.										CUM. HRS. RUN									
WT OF STRING										LBS.										CONDITION									
DRILLER										WEATHER CONDITIONS										MUD RECORD									
TIME										1st HR.										3rd HR.									
5th HR.										7th HR.										WEIGHT									
VISC.										W.L.-C.C.										FLTR. CK.									
pH										SD. CONT.										MUD & CHEMICALS ADDED									
TYPE										AMT.										TYPE									
AMT.										TYPE										AMT.									
WIRE LINE RECORD										NO.										DRILLING ASSEMBLY									
BIT RECORD										STANDS										DP									
SNGLS.										DP										TYPE									
D.C.										OD										SIZE									
NOZZ. SIZE										SERIAL No.										DEPTH IN									
DEPTH OUT										FT. DRILLED										FT. REAMED									
Kelly Down										FT.										FT. CORED									
TOTAL										FT.										CUM. HRS. RUN									
WT OF STRING										LBS.										CONDITION									
DRILLER										WEATHER CONDITIONS										MUD RECORD									
TIME										1st HR.										3rd HR.									
5th HR.										7th HR.										WEIGHT									
VISC.										W.L.-C.C.										FLTR. CK.									
pH										SD. CONT.										MUD & CHEMICALS ADDED									
TYPE										AMT.										TYPE									
AMT.										TYPE										AMT.									

OPERATOR Amurex		LOCATION Murphy B.O.C.		SEC. B		TWP. 1		RGE. W		WELL NAME Muskey River #1		No. 1		PROVINCE N.W.T									
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. SIZE 4 1/2	TOOL JOINT 5 3/4	OD 5 3/4	DRILL PIPE GRADE OD	PUMPS No. MANUFACTURER TYPE 1. 2. 3.		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO		TYPE OF CEMENT	CEMENT USED	OTHER							
OPERATOR'S REPRESENTATIVE Kirk Bass		CONTRACTOR'S TOOL PUSHER																					
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
		STANDS	DP	FT.	Drilling or Core Bit No.														TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING		SNGLS.	DP	FT.	TYPE														WEIGHT				
TRIPPING		D.C.	OD	FT.	SIZE														VISC.				
RIG MAINTENANCE		RMR BODY	OD	FT.	NOZZ. SIZE														W.L.-C.C.				
RIG REPAIRS		STB BODY	OD	FT.	SERIAL No.														FLTR. CK.				
HOLE SURVEYS		SUBS	OD	FT.	DEPTH IN														pH				
CONDITIONING MUD		BIT OR C.B.	FT.	FT. DRILLED	DEPTH OUT														SD. CONT.				
CONDITIONING HOLE			FT.	FT. REAMED	FT. CORED														MUD & CHEMICALS ADDED				
Reaming & Cleaning To Bottom		Kelly Down	FT.	FT. CORED	CUM. HRS. RUN														TYPE	AMT.	TYPE	AMT.	
WORKING OR STUCK PIPE		TOTAL	FT.	CUM. HRS. RUN	CONDITION																		
		WT OF STRING	LBS.	CONDITION																			
		DRILLER	W. Brooks																				
		WEATHER CONDITIONS	Mild																				
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
		STANDS	DP	FT.	Drilling or Core Bit No.														TIME	1st HR.	3rd HR.	5th HR.	7th HR.
		SNGLS.	DP	FT.	TYPE														WEIGHT				
		D.C.	OD	FT.	SIZE														VISC.				
		RMR BODY	OD	FT.	NOZZ. SIZE														W.L.-C.C.				
		STB BODY	OD	FT.	SERIAL No.														FLTR. CK.				
		SUBS	OD	FT.	DEPTH IN														pH				
		BIT OR C.B.	FT.	FT. DRILLED	DEPTH OUT														SD. CONT.				
			FT.	FT. REAMED	FT. CORED														MUD & CHEMICALS ADDED				
		Kelly Down	FT.	FT. CORED	CUM. HRS. RUN														TYPE	AMT.	TYPE	AMT.	
		TOTAL	FT.	CUM. HRS. RUN	CONDITION																		
		WT OF STRING	LBS.	CONDITION																			
		DRILLER	W. Brooks																				
		WEATHER CONDITIONS	Mild																				
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
		STANDS	DP	FT.	Drilling or Core Bit No.														TIME	1st HR.	3rd HR.	5th HR.	7th HR.
		SNGLS.	DP	FT.	TYPE														WEIGHT				
		D.C.	OD	FT.	SIZE														VISC.				
		RMR BODY	OD	FT.	NOZZ. SIZE														W.L.-C.C.				

DAILY DRILLING REPORT

OPERATOR Amurex		LOCATION SEC. 34 TWP. 10 N. R. 10 E.		WELL NAME Muskey River #1		No.		PROVINCE N.W.T.	
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 42	TOOL JOINT 5 1/4	DRILL PIPE GRADE D. 2	PUMPS		CASING & LINER RECORD	
OPERATOR'S REPRESENTATIVE Keith Baul		CONTRACTOR'S TOOL PUSHER		1. National C350		2. Oilwell 214-P.		3.	
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	
Morn Day Eve		STANDS DP FT.		Drilling or Core Bit No.		Depth At End of Tour		Cored or Reamed This Tour	
DRILLING		SNGLS. DP FT.		TYPE		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.	
TRIPPING		D.C. OD FT.		SIZE		DEPTH		WT ON BIT 1000#	
RIG MAINTENANCE		RMR BODY OD FT.		NOZZ. SIZE		DEV.		PUMP PRESS.	
RIG REPAIRS		STB BODY OD FT.		SERIAL No.		DIRECTION		LINER SIZE	
HOLE SURVEYS		SUBS OD FT.		DEPTH IN		DEPTH		S.P.M.	
CONDITIONING MUD		BIT OR C.B. FT.		DEPTH OUT		DEV.		HRS. RUN	
CONDITIONING HOLE		Kelly Down FT.		FT. DRILLED		DIRECTION		MUD RECORD	
Reaming & Cleaning To Bottom		TOTAL FT.		FT. REAMED		DIRECTION		TIME 1st HR. 3rd HR. 5th HR. 7th HR.	
WORKING OR STUCK PIPE		WT OF STRING LBS.		FT. CORED		DIRECTION		WEIGHT	
PUMPING		DRILLER W. Brooks		CUM. HRS. RUN		DIRECTION		VISC.	
LOST CIRCULATION		WEATHER CONDITIONS Mild		CONDITION		DIRECTION		W.L.-C.C.	
CASING		NO. DRILLING ASSEMBLY		BIT RECORD		DEPTH		FLTR. CK.	
WAITING ON CEMENT		STANDS DP FT.		Drilling or Core Bit No.		DEV.		pH	
HEADING UP AND DRILLING OUT		SNGLS. DP FT.		TYPE		DIRECTION		SD. CONT.	
MISCELLANEOUS		D.C. OD FT.		SIZE		DIRECTION		MUD & CHEMICALS ADDED	
SUB TOTAL		RMR BODY OD FT.		NOZZ. SIZE		DIRECTION		TYPE AMT. TYPE AMT.	
TOTAL HOURS		STB BODY OD FT.		SERIAL No.		DIRECTION			
WIRE LINE RECORD		SUBS OD FT.		DEPTH IN		DIRECTION			
REEL NO.		BIT OR C.B. FT.		DEPTH OUT		DIRECTION			
NO. OF LINES		Kelly Down FT.		FT. DRILLED		DIRECTION			
FEET SLIPPED		TOTAL FT.		FT. REAMED		DIRECTION			
FEET CUT OFF		WT OF STRING LBS.		CUM. HRS. RUN		DIRECTION			
PRESENT LENGTH		DRILLER J. Murray		CONDITION		DIRECTION			
TON MI. or TRIPS SINCE LAST CUT		WEATHER CONDITIONS Mild				DIRECTION			
CUMULATIVE TON MI. or TRIPS		NO. DRILLING ASSEMBLY		BIT RECORD		DEPTH			
NO. OF DAYS FROM SPUD		STANDS DP FT.		Drilling or Core Bit No.		DEV.			
DAYS SINCE LAST ACCT.		SNGLS. DP FT.		TYPE		DIRECTION			
DRILLER ACCT. FREE DAYS		D.C. OD FT.		SIZE		DIRECTION			
MORNING TOUR		RMR BODY OD FT.		NOZZ. SIZE		DIRECTION			
DAY TOUR		STB BODY OD FT.		SERIAL No.		DIRECTION			
EVENING TOUR		SUBS OD FT.		DEPTH IN		DIRECTION			
		BIT OR C.B. FT.		DEPTH OUT		DIRECTION			
		Kelly Down FT.		FT. DRILLED		DIRECTION			
		TOTAL FT.		FT. REAMED		DIRECTION			
		WT OF STRING LBS.		CUM. HRS. RUN		DIRECTION			
		DRILLER J.D. Murray		CONDITION		DIRECTION			
		WEATHER CONDITIONS Mild				DIRECTION			

REPORT No. 12

DATE: March 30/61

DAILY DRILLING REPORT

OPERATOR		LOCATION		SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE
PETER BAWDEN DRILLING LIMITED		RIG NO.		DRILL PIPE STRING NO. & SIZE	TOOL JOINT	OD	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD.		No.		MANUFACTURER	TYPE	SIZE
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour
Morn Day Eve		STANDS DP FT.		Drilling or Core Bit No.		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.
DRILLING		2 SNGLS. DP 2845.01 FT.		TYPE		DEVIATION RECORD:		DEPTH	DEV.	DIRECTION
TRIPPING		18 D.C. 6 1/4 OD 524.21 FT.		SIZE		From To Elapsed Time		DEPTH	DEV.	DIRECTION
RIG MAINTENANCE		RMR BODY OD FT.		SERIAL No.		REMARKS		DEPTH	DEV.	DIRECTION
RIG REPAIRS		STB BODY OD FT.		DEPTH IN		R.C. SER. 5 CHK B.O.P.S		DEPTH	DEV.	DIRECTION
HOLE SURVEYS		2 SUBS OD 7.64 FT.		DEPTH OUT		TRIP OUT MEASURE OUT		DEPTH	DEV.	DIRECTION
CONDITIONING MUD		BIT OR C.B. FT.		FT. DRILLED		RIG UP TO LOG.		DEPTH	DEV.	DIRECTION
CONDITIONING HOLE		Kelly Down 34.00 FT.		FT. REAMED		LOGGING & TEAR OUT		DEPTH	DEV.	DIRECTION
Reaming & Cleaning To Bottom		TOTAL 3406.00 FT.		CUM. HRS. RUN		SLIP & CUT 102' DRAGLINE.		DEPTH	DEV.	DIRECTION
WORKING OR STUCK PIPE		WT OF STRING 108,000 LBS.		CONDITION		RUN IN HOLE.		DEPTH	DEV.	DIRECTION
FISHING		DRILLER		WEATHER CONDITIONS		REAM. 210' TO 271'.		DEPTH	DEV.	DIRECTION
LOST CIRCULATION		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour
CASING		2 SNGLS. DP 2845.01 FT.		TYPE		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.
WAITING ON CEMENT		14 D.C. 6 3/4 OD 523.74 FT.		SIZE		DEVIATION RECORD:		DEPTH	DEV.	DIRECTION
HEADING UP AND DRILLING OUT		RMR BODY OD FT.		SERIAL No.		From To Elapsed Time		DEPTH	DEV.	DIRECTION
MISCELLANEOUS		STB BODY OD FT.		DEPTH IN		REMARKS		DEPTH	DEV.	DIRECTION
SUB TOTAL		1 SUBS OD 2.63 FT.		DEPTH OUT		SER RIG - CHECK B.O.P.S		DEPTH	DEV.	DIRECTION
DAYWORK HOURS		BIT OR C.B. FT.		FT. DRILLED		DRILL TO FOR TALLY MISTAKE		DEPTH	DEV.	DIRECTION
TOTAL HOURS		Kelly Down 28.60 FT.		FT. REAMED		CIRC PRIOR TO LOGGING		DEPTH	DEV.	DIRECTION
WIRE LINE RECORD		TOTAL 3400.00 FT.		CUM. HRS. RUN		HOIST		DEPTH	DEV.	DIRECTION
REEL NO.		WT OF STRING 108,000 LBS.		CONDITION		LOGGING		DEPTH	DEV.	DIRECTION
NO. OF LINES		DRILLER		WEATHER CONDITIONS				DEPTH	DEV.	DIRECTION
FEET SLIPPED		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour
FEET CUT OFF		2 SNGLS. DP 2845.01 FT.		TYPE		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.
PRESENT LENGTH		18 D.C. 6 1/4 OD 523.74 FT.		SIZE		DEVIATION RECORD:		DEPTH	DEV.	DIRECTION
TON MI. OF TRIPS SINCE LAST CUT		RMR BODY OD FT.		SERIAL No.		From To Elapsed Time		DEPTH	DEV.	DIRECTION
CUMULATIVE TON MI. OF TRIPS		STB BODY OD FT.		DEPTH IN		REMARKS		DEPTH	DEV.	DIRECTION
NO. OF DAYS FROM SPUD		2 SUBS OD 7.64 FT.		DEPTH OUT		Logging		DEPTH	DEV.	DIRECTION
DAYS SINCE LAST ACCT.		BIT OR C.B. FT.		FT. DRILLED		Tear Out Logging Equipment		DEPTH	DEV.	DIRECTION
DRILLER ACCT. FREE DAYS		Kelly Down 34.00 FT.		FT. REAMED		Run in and Clean to Bottom		DEPTH	DEV.	DIRECTION
MORNING TOUR		TOTAL 3400 FT.		CUM. HRS. RUN		Circ To Condition Hole For Casing		DEPTH	DEV.	DIRECTION
DAY TOUR		WT OF STRING 108,000 LBS.		CONDITION				DEPTH	DEV.	DIRECTION
EVENING TOUR		DRILLER		WEATHER CONDITIONS				DEPTH	DEV.	DIRECTION
		DRILLER		WEATHER CONDITIONS				DEPTH	DEV.	DIRECTION

REPORT No. 11

DATE: Mar. 29.

DAILY DRILLING REPORT

OPERATOR		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE
PETER BAWDEN DRILLING LIMITED		8	2664.13	524.21	7.64	3379.04	1076.09	2784.05	6096	524.21
CONTRACTOR'S TOOL PUSHER										
WEATHER CONDITIONS										
DRILLER										
PUMP										
CASING & LINER RECORD										
SIZE										
WT & GR.										
DEPTH SET										
TYPE OF CEMENT										
CEMENT USED										
OTHER										
TIME DISTRIBUTION—HOURS										
MORNING TOUR										
DAY TOUR										
EVENING TOUR										
WIRE LINE RECORD										
REEL NO.										
NO. OF LINES										
FEET SLIPPED										
FEET CUT OFF										
PRESENT LENGTH										
TON MI. OF TRIPS SINCE LAST CUT										
CUMULATIVE TON MI. OF TRIPS										
NO. OF DAYS FROM SPUD										
CUMULATIVE ROTATING HRS.										
DAYS SINCE LAST ACCNT.										
DRILLER ACCDNT. FREE DAYS										
MORNING TOUR										
DAY TOUR										
EVENING TOUR										
NO. DRILLING ASSEMBLY										
BIT RECORD										
Depth At Beginning of Tour										
Drilled This Tour										
Cored or Reamed This Tour										
Depth At End of Tour										
FORMATION (SHOW CORE RECOVERY)										
ROTA-RY R.P.M.										
WT ON BIT 1000#										
PUMP PRESS.										
LINER SIZE										
S.P.M.										
HRS. RUN										
TIME										
1st HR.										
3rd HR.										
5th HR.										
7th HR.										
WEIGHT										
VISC.										
W.L.C.C.										
FLTR. CK.										
pH										
SD. CONT.										
MUD & CHEMICALS ADDED										
TYPE										
AMT.										
TYPE										
AMT.										
NO. DRILLING ASSEMBLY										
BIT RECORD										
Depth At Beginning of Tour										
Drilled This Tour										
Cored or Reamed This Tour										
Depth At End of Tour										
FORMATION (SHOW CORE RECOVERY)										
ROTA-RY R.P.M.										
WT ON BIT 1000#										
PUMP PRESS.										
LINER SIZE										
S.P.M.										
HRS. RUN										
TIME										
1st HR.										
3rd HR.										
5th HR.										
7th HR.										
WEIGHT										
VISC.										
W.L.C.C.										
FLTR. CK.										
pH										
SD. CONT.										
MUD & CHEMICALS ADDED										
TYPE										
AMT.										
TYPE										
AMT.										
NO. DRILLING ASSEMBLY										
BIT RECORD										
Depth At Beginning of Tour										
Drilled This Tour										
Cored or Reamed This Tour										
Depth At End of Tour										
FORMATION (SHOW CORE RECOVERY)										
ROTA-RY R.P.M.										
WT ON BIT 1000#										
PUMP PRESS.										
LINER SIZE										
S.P.M.										
HRS. RUN										
TIME										
1st HR.										
3rd HR.										
5th HR.										
7th HR.										
WEIGHT										
VISC.										
W.L.C.C.										
FLTR. CK.										
pH										
SD. CONT.										
MUD & CHEMICALS ADDED										
TYPE										
AMT.										
TYPE										
AMT.										

REPORT No. 10

DATE: Mar. 28.

DAILY DRILLING REPORT

OPERATOR		LOCATION		LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE
PETER BAWDEN DRILLING LIMITED		8		72	5	7	0	W.	Murphy B.O.C. Mustang River	1	W. J.
CONTRACTOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		DRILL PIPE STRING NO. SIZE		TOOL JOINT		DRILL PIPE GRADE		PUMPS	
B. B. B.		8		72		5		D#2		1. N. S. Co. C-310	
										2. OIL WELL 214 P.	
										3.	
TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
Morn Day Eve		23 STANDS DP 2128.50 FT.		Drilling or Core Bit No. 3 4		2614 87		2701		2701	
DRILLING 4 7/4 7		2 SNGLS. DP 2128.50 FT.		TYPE 54 05C16							
TRIPPING 2 1/4		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4 12 1/4							
RIG MAINTENANCE 4 1/4 4		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
RIG REPAIRS		STB BODY OD 524.21 FT.		SERIAL No. 412361 45440							
HOLE SURVEYS 1/2 1/4		2 SUBS OD 7.64 FT.		DEPTH IN 2202 2650							
CONDITIONING MUD		BIT OR C.B. 7.64 FT.		FT. DRILLED 448 51							
CONDITIONING HOLE		Kelly Down 4132 FT.		FT. REAMED							
Reaming & Cleaning To Bottom 3 1/4 1/2		TOTAL 2701.00 FT.		CUM. HRS. RUN 237 17							
WORKING OR STUCK PIPE		WT OF STRING 29000 LBS.		CONDITION C-000-0.73							
FISHING		DRILLER W. F. Brooks		WEATHER CONDITIONS							
LOST CIRCULATION		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
CASING		26 STANDS DP 2337.87 FT.		Drilling or Core Bit No. 4		2701 186		2887		2887	
WAITING ON CEMENT		18 SNGLS. DP 2337.87 FT.		TYPE 05C16							
HEADING UP AND DRILLING OUT		D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
MISCELLANEOUS		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
SUB TOTAL 8.8		STB BODY OD 524.21 FT.		SERIAL No. 45440							
DAYWORK HOURS		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
TOTAL HOURS 8		BIT OR C.B. 7.64 FT.		FT. DRILLED 237							
		Kelly Down 1128 FT.		FT. REAMED							
		TOTAL 2887.00 FT.		CUM. HRS. RUN 9							
		WT OF STRING 100,000 LBS.		CONDITION							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
		STB BODY OD 524.21 FT.		SERIAL No. 45440							
		2 SUBS OD 7.64 FT.		DEPTH IN 2650							
		BIT OR C.B. 7.64 FT.		FT. DRILLED 405							
		Kelly Down 3593 FT.		FT. REAMED							
		TOTAL 3055 FT.		CUM. HRS. RUN 16							
		WT OF STRING 100 LBS.		CONDITION ORLS							
		DRILLER J. D. Dumas		WEATHER CONDITIONS							
		NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour	
		27 STANDS DP 2426.94 FT.		Drilling or Core Bit No. 4		2887 168		3055		3055	
		2 SNGLS. DP 2426.94 FT.		TYPE 05C16							
		18 D.C. 6 3/4 OD 524.21 FT.		SIZE 12 1/4							
		RMR BODY OD 524.21 FT.		NOZZ. SIZE							
</											

DAILY DRILLING REPORT

OPERATOR <i>P. Munn</i>		LOCATION <i>Murphy B.O.C</i>	WELL NAME <i>Musking River</i>	No. <i>1</i>	PROVINCE <i>W. V.</i>														
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. <i>72</i>	TOOL JOINT <i>5/8" OD</i>	DRILL PIPE GRADE <i>D"2</i>														
OPERATOR'S REPRESENTATIVE <i>P. Munn</i>		CONTRACTOR'S TOOL PUSHER <i>Alan Stoto</i>		PUMPS															
				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>MANUFACTURER</th> <th>TYPE</th> </tr> <tr> <td>1.</td> <td><i>A.S. Co</i></td> <td><i>C-310</i></td> </tr> <tr> <td>2.</td> <td><i>OILWELL</i></td> <td><i>214P</i></td> </tr> <tr> <td>3.</td> <td></td> <td></td> </tr> </table>		No.	MANUFACTURER	TYPE	1.	<i>A.S. Co</i>	<i>C-310</i>	2.	<i>OILWELL</i>	<i>214P</i>	3.				
No.	MANUFACTURER	TYPE																	
1.	<i>A.S. Co</i>	<i>C-310</i>																	
2.	<i>OILWELL</i>	<i>214P</i>																	
3.																			
		CASING & LINER RECORD		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>SIZE</th> <th>WT & GR.</th> <th>DEPTH SET FROM</th> <th>TO</th> <th>TYPE OF CEMENT</th> <th>CEMENT USED</th> <th>OTHER</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		SIZE	WT & GR.	DEPTH SET FROM	TO	TYPE OF CEMENT	CEMENT USED	OTHER							
SIZE	WT & GR.	DEPTH SET FROM	TO	TYPE OF CEMENT	CEMENT USED	OTHER													

TIME DISTRIBUTION—HOURS			
	Morn	Day	Eve
DRILLING	<i>6 1/4</i>	<i>7 1/4</i>	<i>7 1/2</i>
TRIPPING	<i>1 1/4</i>		
RIG MAINTENANCE	<i>1/4</i>	<i>1 1/4</i>	<i>1/4</i>
RIG REPAIRS			
HOLE SURVEYS	<i>1/4</i>	<i>1 1/2</i>	<i>1/4</i>
CONDITIONING MUD			
CONDITIONING HOLE			
Seaming & Cleaning To Bottom			
WORKING OR STUCK PIPE			
FISHING			
LOST CIRCULATION			
CASING			
WAITING ON CEMENT			
HEADING UP AND DRILLING OUT			
MISCELLANEOUS			
SUB TOTAL	<i>8</i>	<i>8</i>	
DAYWORK HOURS			
TOTAL HOURS			<i>8</i>

MORNING TOUR			
NO.	DRILLING ASSEMBLY	BIT RECORD	FORMATION (SHOW CORE RECOVERY)
<i>20</i>	STANDS DP <i>1927.98</i> FT.	Drilling or Core Bit No. <i>3</i>	
<i>1</i>	SNGLS. DP <i>1927.98</i> FT.	TYPE <i>54</i>	
<i>18</i>	D.C. <i>6 3/4</i> OD <i>524.21</i> FT.	SIZE <i>12 1/4</i>	
	RMR BODY OD <i>524.21</i> FT.	NOZZ. SIZE	
<i>2</i>	SUBS OD <i>4.64</i> FT.	SERIAL No. <i>462361</i>	
	STB BODY OD <i>4.64</i> FT.	DEPTH IN <i>2202</i>	
	BIT OR C.B. <i>4.64</i> FT.	DEPTH OUT	
		FT. DRILLED <i>182</i>	
		FT. REAMED	
	Kelly Down <i>23.77</i> FT.	FT. CORED	
	TOTAL <i>2384.00</i> FT.	CUM. HRS. RUN <i>6 1/4</i>	
	WT OF STRING <i>92,000</i> LBS.	CONDITION <i>O.B.</i>	
	DRILLER <i>W. D. Dwyer</i>		
	WEATHER CONDITIONS <i>Cool</i>		

DAY TOUR			
NO.	DRILLING ASSEMBLY	BIT RECORD	FORMATION (SHOW CORE RECOVERY)
<i>20</i>	STANDS DP <i>1979.22</i> FT.	Drilling or Core Bit No. <i>3</i>	
<i>18</i>	SNGLS. DP <i>1979.22</i> FT.	TYPE <i>54</i>	
<i>18</i>	D.C. <i>6 3/4</i> OD <i>524.21</i> FT.	SIZE <i>12 1/4</i>	
	RMR BODY OD <i>524.21</i> FT.	NOZZ. SIZE	
<i>2</i>	SUBS OD <i>7.64</i> FT.	SERIAL No. <i>412361</i>	
	STB BODY OD <i>7.64</i> FT.	DEPTH IN <i>2202</i>	
	BIT OR C.B. <i>7.64</i> FT.	DEPTH OUT	
		FT. DRILLED <i>326</i>	
		FT. REAMED	
	Kelly Down <i>16.90</i> FT.	FT. CORED	
	TOTAL <i>2528.00</i> FT.	CUM. HRS. RUN <i>13 1/2</i>	
	WT OF STRING <i>95,000</i> LBS.	CONDITION <i>IN</i>	
	DRILLER <i>J. M. Meyer</i>		
	WEATHER CONDITIONS		

EVENING TOUR			
NO.	DRILLING ASSEMBLY	BIT RECORD	FORMATION (SHOW CORE RECOVERY)
<i>23</i>	STANDS DP <i>2069.54</i> FT.	Drilling or Core Bit No. <i>3</i>	
<i>18</i>	SNGLS. DP <i>2069.54</i> FT.	TYPE <i>54</i>	
<i>18</i>	D.C. <i>6 3/4</i> OD <i>524.21</i> FT.	SIZE <i>12 1/4</i>	
	RMR BODY OD <i>524.21</i> FT.	NOZZ. SIZE	
<i>2</i>	SUBS OD <i>7.64</i> FT.	SERIAL No. <i>422361</i>	
	STB BODY OD <i>7.64</i> FT.	DEPTH IN <i>2202</i>	
	BIT OR C.B. <i>7.64</i> FT.	DEPTH OUT	
		FT. DRILLED <i>412</i>	
		FT. REAMED	
	Kelly Down <i>12.58</i> FT.	FT. CORED	
	TOTAL <i>2614.00</i> FT.	CUM. HRS. RUN <i>21</i>	
	WT OF STRING <i>95,000</i> LBS.	CONDITION <i>DRLG</i>	
	DRILLER <i>K.D. Murray</i>		
	WEATHER CONDITIONS <i>Mild</i>		

WIRE LINE RECORD			
REEL NO.			
NO. OF LINES	<i>8</i>	SIZE	<i>1 1/8</i>
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON MI. OF TRIPS SINCE LAST CUT	<i>51</i>		
CUMULATIVE TON MI. OF TRIPS	<i>3705</i>		
NO. OF DAYS FROM SPUD	<i>9 1/2</i>		
CUMULATIVE ROTATING HRS.	<i>884</i>		
DAYS SINCE LAST ACCDNT.	<i>39</i>		
DRILLER ACCDNT. FREE DAYS			
MORNING TOUR			
DAY TOUR	<i>218</i>		
EVENING TOUR	<i>97</i>		

REPORT No. *8*DATE: *Mar. 26/61*

[illegible]

REPORT No.

DATE:

DAILY DRILLING REPORT

OPERATOR Amurex Oil Ltd		LOCATION LSD.	SEC. SEC.	TWP. TWP.	RGE. RGE.	WELL NAME Murphy Roc Musky River	No. 1	PROVINCE NWT	
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 534	TOOL JOINT 534 OD	DRILL PIPE GRADE DN#2	PUMPS		CASING & LINER RECORD	DEPTH SET
OPERATOR'S REPRESENTATIVE Neil Baul		CONTRACTOR'S TOOL PUSHER Alan Hatten		TYPE THD. FH		No. MANUFACTURER TYPE		SIZE WT & GR.	TYPE OF CEMENT
						1. USCO C350			
						2. Oilwell 214P			
						3.			

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
Morn Day Eve				STANDS DP		Drilling or Core Bit No.		932		434		1366						100		35		750		538				TIME 1st HR. 3rd HR. 5th HR. 7th HR.						
DRILLING 6 1/2 3 1/2 6 1/4				SNGLS. DP		TYPE		18		6 1/2		524		12 1/4		12 1/4												WEIGHT 92 92 90 80						
TRIPPING 2 1/4				D.C. OD		SIZE		11 1/2		130		130		130		130												VISC. 47 47 43 41						
RIG MAINTENANCE 1/4 1/4 1/4				RMR BODY OD		SERIAL No.		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												W.L.C.C.						
RIG REPAIRS 1/4 1/4 1/4				STB BODY OD		DEPTH IN		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												FLTR. CK.						
HOLE SURVEYS 3/4 1/4 1/4				SUBS OD		DEPTH OUT		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												pH 7.0 7.0						
CONDITIONING MUD				BIT OR C.B.		FT. DRILLED		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												SD. CONT.						
CONDITIONING HOLE 1 1/4						FT. REAMED		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												MUD & CHEMICALS ADDED						
Seaming & Cleaning To Bottom 3/4				Kelly Down		FT. CORED		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												TYPE AMT. TYPE AMT.						
WORKING OR STUCK PIPE				TOTAL		CUM. HRS. RUN		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2												GEL 400						
FISHING				WT OF STRING		CONDITION		12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
LOST CIRCULATION				DRILLER				12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
CASING				WEATHER CONDITIONS				12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
WAITING ON CEMENT								12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
HEADING UP AND DRILLING OUT								12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
MISCELLANEOUS								12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
SUB TOTAL								12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
DAYWORK HOURS								12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		
TOTAL HOURS								12 1/2		12 1/2		12 1/2		12 1/2		12 1/2																		

WIRE LINE RECORD				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
REEL NO.				STANDS DP		Drilling or Core Bit No.		1478		236		1714						100		30		800		7 1/4		54		7 1/2		TIME 1st HR. 3rd HR. 5th HR. 7th HR.				
NO. OF LINES				SNGLS. DP		TYPE		1478		236		1714		1714		1714												WEIGHT 103 103 100 99						
FEET SLIPPED				D.C. OD		SIZE		1478		236		1714		1714		1714												VISC. 38 41 98 45						
FEET CUT OFF				RMR BODY OD		SERIAL No.		1478		236		1714		1714		1714												W.L.C.C.						
PRESENT LENGTH				STB BODY OD		DEPTH IN		1478		236		1714		1714		1714												FLTR. CK.						
TON MI. or TRIPS SINCE LAST CUT				SUBS OD		DEPTH OUT		1478		236		1714		1714		1714												pH						
CUMULATIVE TON MI. or TRIPS				BIT OR C.B.		FT. DRILLED		1478		236		1714		1714		1714												SD. CONT.						
NO. OF DAYS FROM SPUD						FT. REAMED		1478		236		1714		1714		1714												MUD & CHEMICALS ADDED						
DAYS SINCE LAST ACCDNT.				Kelly Down		FT. CORED		1478		236		1714		1714		1714												TYPE AMT. TYPE AMT.						
DRILLER ACCDNT. FREE DAYS				TOTAL		CUM. HRS. RUN		1478		236		1714		1714		1714												GEL 3000						
MORNING TOUR				WT OF STRING		CONDITION		1478		236		1714		1714		1714																		
DAY TOUR				DRILLER				1478		236		1714		1714		1714																		
EVENING TOUR				WEATHER CONDITIONS				1478		236		1714		1714		1714																		

REPORT No. 8

DATE: March 24

DAILY DRILLING REPORT														
OPERATOR		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME	No.	PROVINCE				
Ammer Oil Ltd								Murphy 1300 Muskeg River	1	NWT				
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. & SIZE	TOOL JOINT	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	SIZE	WT & GR.	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
PETER BAWDEN DRILLING LIMITED		8	2 1/2	5340	FD No 2	1. USCO 2350 2. Oilwell 214P								
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER												
J. Baul														

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
				STANDS DP	FT.	Drilling or Core Bit No.	1																											
DRILLING				18	524.21	FT.	1254	600		32		632						170		8-15		500		74		56								
TRIPPING																																		
RIG MAINTENANCE																																		
RIG REPAIRS																																		
HOLE SURVEYS																																		
CONDITIONING MUD																																		
CONDITIONING HOLE																																		
Reaming & Cleaning To Bottom																																		
WORKING OR STUCK PIPE																																		
FISHING																																		
LOST CIRCULATION																																		
CASING																																		
WAITING ON CEMENT																																		
HEADING UP AND DRILLING OUT																																		
MISCELLANEOUS																																		
SUB TOTAL																																		
DAYWORK HOURS																																		
TOTAL HOURS																																		

WIRE LINE RECORD				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
				STANDS DP	FT.	Drilling or Core Bit No.	1																											
REEL NO.				4	337.87	FT.	050	632		300		932						100		35		650		74		54		74						
NO. OF LINES																																		
FEET SLIPPED																																		
FEET CUT OFF																																		
PRESENT LENGTH																																		
TON MI. OF TRIPS SINCE LAST CUT																																		
CUMULATIVE TON MI. OF TRIPS																																		
NO. OF DAYS FROM SPUD																																		
CUMULATIVE ROTATING HRS.																																		
DAYS SINCE LAST ACCDNT.																																		
DRILLER ACCDNT. FREE DAYS																																		
MORNING TOUR																																		
DAY TOUR																																		
EVENING TOUR																																		

WIRE LINE RECORD				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
				STANDS DP	FT.	Drilling or Core Bit No.	1																											
REEL NO.				4	337.87	FT.	050	632		300		932						100		35		650		74		54		74						
NO. OF LINES																																		
FEET SLIPPED																																		
FEET CUT OFF																																		
PRESENT LENGTH																																		
TON MI. OF TRIPS SINCE LAST CUT																																		
CUMULATIVE TON MI. OF TRIPS																																		
NO. OF DAYS FROM SPUD																																		
CUMULATIVE ROTATING HRS.																																		
DAYS SINCE LAST ACCDNT.																																		
DRILLER ACCDNT. FREE DAYS																																		
MORNING TOUR																																		
DAY TOUR																																		
EVENING TOUR																																		

DAILY DRILLING REPORT

OPERATOR <i>Amurex oil Ltd</i>		LOCATION <i>W. Murphy Bos Musky River</i>	SEC. <i>W</i>	RGE. <i>W</i>	WELL NAME <i>W. Murphy Bos Musky River</i>	No. <i>1</i>	PROVINCE <i>NWT</i>	
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. & SIZE <i>5 3/4 OD</i>	TOOL JOINT <i>534 OD</i>	DRILL PIPE GRADE <i>D N 2</i>	PUMPS		CASING & LINER RECORD
OPERATOR'S REPRESENTATIVE <i>H. Ball</i>		CONTRACTOR'S TOOL PUSHER		PUMPS		CASING & LINER RECORD		OTHER
				1. <i>USCO</i> <i>C350</i>				
				2. <i>Oilwell</i> <i>214P</i>				
				3.				

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD				
				STANDS	DP	FT.	Drilling or Core Bit No.																							TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING				SNGLS.	DP	FT.	TYPE																							WEIGHT				
TRIPPING				D.C.	OD	FT.	SIZE																							VISC.				
RIG MAINTENANCE				RMR BODY	OD	FT.	SERIAL No.																							W.L.-C.C.				
RIG REPAIRS				STB BODY	OD	FT.	DEPTH IN																							FLTR. CK.				
HOLE SURVEYS				SUBS	OD	FT.	DEPTH OUT																							pH				
CONDITIONING MUD				BIT OR C.B.		FT.	FT. DRILLED																							SD. CONT.				
CONDITIONING HOLE						FT.	FT. REAMED																											
Reaming & Cleaning To Bottom				Kelly Down		FT.	FT. CORED																											
WORKING OR STUCK PIPE				TOTAL		FT.	CUM. HRS. RUN																											
FISHING				WT OF STRING		LBS.	CONDITION																											
LOST CIRCULATION				DRILLER	<i>C. Saville</i>																				MUD & CHEMICALS ADDED									
CASING				WEATHER CONDITIONS																														
WAITING ON CEMENT																																		
HEADING UP AND DRILLING OUT																																		
MISCELLANEOUS																																		
SUB TOTAL																																		
DAYWORK HOURS																																		
TOTAL HOURS																																		

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD					
				STANDS	DP	FT.	Drilling or Core Bit No.																								TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING				SNGLS.	DP	FT.	TYPE																								WEIGHT				
TRIPPING				D.C.	OD	FT.	SIZE																								VISC.				
RIG MAINTENANCE				RMR BODY	OD	FT.	SERIAL No.																								W.L.-C.C.				
RIG REPAIRS				STB BODY	OD	FT.	DEPTH IN																								FLTR. CK.				
HOLE SURVEYS				SUBS	OD	FT.	DEPTH OUT																								pH				
CONDITIONING MUD				BIT OR C.B.		FT.	FT. DRILLED																								SD. CONT.				
CONDITIONING HOLE						FT.	FT. REAMED																												
Reaming & Cleaning To Bottom				Kelly Down		FT.	FT. CORED																												
WORKING OR STUCK PIPE				TOTAL		FT.	CUM. HRS. RUN																												
FISHING				WT OF STRING		LBS.	CONDITION																												
LOST CIRCULATION				DRILLER	<i>W. T. Nash</i>																				MUD & CHEMICALS ADDED										
CASING				WEATHER CONDITIONS																															
WAITING ON CEMENT																																			
HEADING UP AND DRILLING OUT																																			
MISCELLANEOUS																																			
SUB TOTAL																																			
DAYWORK HOURS																																			
TOTAL HOURS																																			

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD					
				STANDS	DP	FT.	Drilling or Core Bit No.																								TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING				SNGLS.	DP	FT.	TYPE																								WEIGHT				
TRIPPING				D.C.	OD	FT.	SIZE																								VISC.				
RIG MAINTENANCE				RMR BODY	OD	FT.	SERIAL No.																								W.L.-C.C.				
RIG REPAIRS				STB BODY	OD	FT.	DEPTH IN																								FLTR. CK.				
HOLE SURVEYS				SUBS	OD	FT.	DEPTH OUT																								pH				
CONDITIONING MUD				BIT OR C.B.		FT.	FT. DRILLED																								SD. CONT.				
CONDITIONING HOLE						FT.	FT. REAMED																												
Reaming & Cleaning To Bottom				Kelly Down		FT.	FT. CORED																												
WORKING OR STUCK PIPE				TOTAL		FT.	CUM. HRS. RUN																												
FISHING				WT OF STRING		LBS.	CONDITION																												
LOST CIRCULATION				DRILLER	<i>P. Thompson</i>																				MUD & CHEMICALS ADDED										
CASING				WEATHER CONDITIONS																															
WAITING ON CEMENT																																			
HEADING UP AND DRILLING OUT																																			
MISCELLANEOUS																																			
SUB TOTAL																																			
DAYWORK HOURS																																			
TOTAL HOURS																																			

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA-RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD					
				STANDS	DP	FT.	Drilling or Core Bit No.																								TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING				SNGLS.	DP	FT.	TYPE																								WEIGHT				
TRIPPING				D.C.	OD	FT.	SIZE																								VISC.				
RIG MAINTENANCE				RMR BODY	OD	FT.	SERIAL No.																								W.L.-C.C.				
RIG REPAIRS				STB BODY	OD	FT.	DEPTH IN																								FLTR. CK.				
HOLE SURVEYS				SUBS	OD	FT.	DEPTH OUT																								pH				
CONDITIONING MUD				BIT OR C.B.		FT.	FT. DRILLED																								SD. CONT.				
CONDITIONING HOLE						FT.	FT. REAMED																												
Reaming & Cleaning To Bottom				Kelly Down		FT.	FT. CORED																												
WORKING OR STUCK PIPE				TOTAL		FT.	CUM. HRS. RUN																												
FISHING				WT OF STRING		LBS.	CONDITION																												
LOST CIRCULATION				DRILLER	<i>P. Thompson</i>																				MUD & CHEMICALS ADDED										
CASING				WEATHER CONDITIONS																															
WAITING ON CEMENT																																			
HEADING UP AND DRILLING OUT																																			
MISCELLANEOUS																																			
SUB TOTAL																																			
DAYWORK HOURS																																			
TOTAL HOURS																																			

REPORT No.

6

DATE:

March 22

DAILY DRILLING REPORT

OPERATOR <i>Amur oil Ltd.</i>		LOCATION <i>SEC. 34 TWP. 1 RGE. B.O.C. W. 1</i>	WELL NAME <i>Muskeg River</i>	No. <i>1</i>	PROVINCE <i>N.W.T.</i>
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. <i>42</i>	TOOL JOINT <i>5 3/4</i>	DRILL PIPE GRADE <i>OD</i>
OPERATOR'S REPRESENTATIVE <i>Kief Baal</i>		CONTRACTOR'S TOOL PUSHER		PUMPS	
		TYPE THD. <i>F.H.</i>		No. MANUFACTURER TYPE	
		No. <i>2</i>		1. <i>NSCO C-350</i>	
				2. <i>OILWELL 214-P</i>	
				3.	
				CASING & LINER RECORD	
				SIZE WT & GR. DEPTH SET FROM TO TYPE OF CEMENT CEMENT USED OTHER	

TIME DISTRIBUTION—HOURS				MORNING TOUR										DAY TOUR										EVENING TOUR																							
				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour			Drilled This Tour			Cored or Reamed This Tour			Depth At End of Tour			FORMATION (SHOW CORE RECOVERY)			ROTA- R.P.M.			WT ON BIT 1000#			PUMP PRESS.			LINER SIZE			S.P.M.			HRS. RUN			MUD RECORD				
				STANDS DP FT.			Drilling or Core Bit No.			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			TIME 1st HR. 3rd HR. 5th HR. 7th HR.							
DRILLING				SNGLS. DP FT.			TYPE			12:00 12:15 15			12:15 12:30 15			12:30 12:45 15			12:45 1:00 15			1:00 1:15 15			1:15 1:30 15			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			WEIGHT				
TRIPPING				D.C. OD FT.			SIZE			12:15 12:30 15			12:30 12:45 15			12:45 1:00 15			1:00 1:15 15			1:15 1:30 15			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			VISC.							
RIG MAINTENANCE				RMR BODY OD FT.			SERIAL No.			12:30 12:45 15			12:45 1:00 15			1:00 1:15 15			1:15 1:30 15			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			W.L.-C.C.										
RIG REPAIRS				STB BODY OD FT.			DEPTH IN			12:45 1:00 15			1:00 1:15 15			1:15 1:30 15			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			FLTR. CK.													
HOLE SURVEYS				SUBS OD FT.			DEPTH OUT			1:00 1:15 15			1:15 1:30 15			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			pH																
CONDITIONING MUD				BIT OR C.B. FT.			FT. DRILLED			1:15 1:30 15			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			SD. CONT.																			
CONDITIONING HOLE				Kelly Down FT.			FT. CORED			1:30 1:45 15			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			MUD & CHEMICALS ADDED																						
Reaming & Cleaning To Bottom				TOTAL FT.			CUM. HRS. RUN			1:45 2:00 15			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			2:45 3:00 15			3:00 3:15 15			3:15 3:30 15			TYPE AMT. TYPE AMT.																
WORKING OR STUCK PIPE				WT OF STRING LBS.			CONDITION			2:00 2:15 15			2:15 2:30 15			2:30 2:45 15			2:45 3:00 15			3:00 3:15 15			3:15 3:30 15																						
FISHING				DRILLER <i>B. Saville</i>			WEATHER CONDITIONS <i>Good</i>			3:00 3:15 15			3:15 3:30 15			3:30 3:45 15			3:45 4:00 15			4:00 4:15 15			4:15 4:30 15																						
LOST CIRCULATION				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour			Drilled This Tour			Cored or Reamed This Tour			Depth At End of Tour			FORMATION (SHOW CORE RECOVERY)			ROTA- R.P.M.			WT ON BIT 1000#			PUMP PRESS.			LINER SIZE			S.P.M.			HRS. RUN			MUD RECORD				
Casing				STANDS DP FT.			Drilling or Core Bit No.			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			TIME 1st HR. 3rd HR. 5th HR. 7th HR.										
WAITING ON CEMENT				SNGLS. DP FT.			TYPE			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			WEIGHT							
HEADING UP AND DRILLING OUT				D.C. OD FT.			SIZE			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			VISC.										
MISCELLANEOUS				RMR BODY OD FT.			SERIAL No.			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			W.L.-C.C.													
SUB TOTAL				STB BODY OD FT.			DEPTH IN			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15			FLTR. CK.													
DAYWORK HOURS				SUBS OD FT.			DEPTH OUT			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15			pH																
TOTAL HOURS				BIT OR C.B. FT.			FT. DRILLED			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15			SD. CONT.																			
WIRE LINE RECORD				Kelly Down FT.			FT. CORED			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15			MUD & CHEMICALS ADDED																						
REEL NO.				TOTAL FT.			CUM. HRS. RUN			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15			10:45 11:00 15			11:00 11:15 15			11:15 11:30 15			TYPE AMT. TYPE AMT.																
NO. OF LINES SIZE				WT OF STRING LBS.			CONDITION			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15			10:45 11:00 15			11:00 11:15 15			11:15 11:30 15																						
FEET SLIPPED				DRILLER <i>W.D. Cook</i>			WEATHER CONDITIONS			10:15 10:30 15			10:30 10:45 15			10:45 11:00 15			11:00 11:15 15			11:15 11:30 15																									
FEET CUT OFF				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour			Drilled This Tour			Cored or Reamed This Tour			Depth At End of Tour			FORMATION (SHOW CORE RECOVERY)			ROTA- R.P.M.			WT ON BIT 1000#			PUMP PRESS.			LINER SIZE			S.P.M.			HRS. RUN			MUD RECORD				
PRESENT LENGTH				STANDS DP FT.			Drilling or Core Bit No.			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			TIME 1st HR. 3rd HR. 5th HR. 7th HR.													
TON MI. OF TRIPS SINCE LAST CUT				SNGLS. DP FT.			TYPE			7:00 7:15 15			7:15 7:30 15			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			WEIGHT													
CUMULATIVE TON MI. OF TRIPS				D.C. OD FT.			SIZE			7:15 7:30 15			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			VISC.																
NO. OF DAYS FROM SPUD				RMR BODY OD FT.			SERIAL No.			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			W.L.-C.C.																
CUMULATIVE ROTATING HRS.				STB BODY OD FT.			DEPTH IN			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			FLTR. CK.																
DAYS SINCE LAST ACCDNT.				SUBS OD FT.			DEPTH OUT			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			pH																
DRILLER ACCDNT. FREE DAYS				BIT OR C.B. FT.			FT. DRILLED			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			SD. CONT.																			
MORNING TOUR <i>34</i>				Kelly Down FT.			FT. CORED			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			MUD & CHEMICALS ADDED																			
DAY TOUR <i>200</i>				TOTAL FT.			CUM. HRS. RUN			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			TYPE AMT. TYPE AMT.																
EVENING TOUR				WT OF STRING LBS.			CONDITION			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15																						
				DRILLER			WEATHER CONDITIONS			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15																						
				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour			Drilled This Tour			Cored or Reamed This Tour			Depth At End of Tour			FORMATION (SHOW CORE RECOVERY)			ROTA- R.P.M.			WT ON BIT 1000#			PUMP PRESS.			LINER SIZE			S.P.M.			HRS. RUN			MUD RECORD				
				STANDS DP FT.			Drilling or Core Bit No.			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			TIME 1st HR. 3rd HR. 5th HR. 7th HR.													
				SNGLS. DP FT.			TYPE			7:00 7:15 15			7:15 7:30 15			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			WEIGHT													
				D.C. OD FT.			SIZE			7:15 7:30 15			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			VISC.																
				RMR BODY OD FT.			SERIAL No.			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			W.L.-C.C.																
				STB BODY OD FT.			DEPTH IN			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			FLTR. CK.																
				SUBS OD FT.			DEPTH OUT			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			pH																
				BIT OR C.B. FT.			FT. DRILLED			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			SD. CONT.																			
				Kelly Down FT.			FT. CORED			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			MUD & CHEMICALS ADDED																			
				TOTAL FT.			CUM. HRS. RUN			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			TYPE AMT. TYPE AMT.																
				WT OF STRING LBS.			CONDITION			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15																						
				DRILLER			WEATHER CONDITIONS			9:15 9:30 15			9:30 9:45 15			9:45 10:00 15			10:00 10:15 15			10:15 10:30 15			10:30 10:45 15																						
				NO. DRILLING ASSEMBLY			BIT RECORD			Depth At Beginning of Tour			Drilled This Tour			Cored or Reamed This Tour			Depth At End of Tour			FORMATION (SHOW CORE RECOVERY)			ROTA- R.P.M.			WT ON BIT 1000#			PUMP PRESS.			LINER SIZE			S.P.M.			HRS. RUN			MUD RECORD				
				STANDS DP FT.			Drilling or Core Bit No.			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			From To Elapsed Time			TIME 1st HR. 3rd HR. 5th HR. 7th HR.													
				SNGLS. DP FT.			TYPE			7:00 7:15 15			7:15 7:30 15			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			WEIGHT													
				D.C. OD FT.			SIZE			7:15 7:30 15			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			VISC.																
				RMR BODY OD FT.			SERIAL No.			7:30 7:45 15			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			W.L.-C.C.																
				STB BODY OD FT.			DEPTH IN			7:45 8:00 15			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			FLTR. CK.																
				SUBS OD FT.			DEPTH OUT			8:00 8:15 15			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			pH																
				BIT OR C.B. FT.			FT. DRILLED			8:15 8:30 15			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15 9:30 15			9:30 9:45 15			SD. CONT.																			
				Kelly Down FT.			FT. CORED			8:30 8:45 15			8:45 9:00 15			9:00 9:15 15			9:15																												

DAILY DRILLING REPORT

OPERATOR <i>Amur Del</i>		LOCATION <i>Murphy B.O.C</i>		SEC. <i>B.O.C</i>		TWP. <i>B.O.C</i>		RGE. <i>Murphy</i>		W. <i>River</i>		WELL NAME <i>Murphy</i>		No. <i>1</i>		PROVINCE <i>W.T.</i>			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. <i>8</i>	DRILL PIPE STRING NO. <i>2</i>	TOOL JOINT <i>534</i>	OD <i>0-2</i>	DRILL PIPE GRADE <i>0-2</i>		PUMPS		CASING & LINER RECORD		DEPTH SET FROM TO		TYPE OF CEMENT		CEMENT USED		OTHER	
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER		TYPE THD. <i>534</i>				No. MANUFACTURER TYPE											
								1. <i>H.S.C.O</i> <i>C-3.0</i>											
								2. <i>OILWELL</i> <i>2.4 P.</i>											
								3.											

TIME DISTRIBUTION—HOURS				MORNING TOUR										MUD RECORD																						
				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		TIME				
				1		STANDS DP		181.4 FT.		Drilling or Core Bit No.		2																								
				1		SNGLS. DP		30.52 FT.		TYPE		RMR																								
				12		D.C. OD		3.00 FT.		SIZE		17 1/2																								
				12		RMR BODY OD		3.00 FT.		SERIAL No.																										
				12		STB BODY OD		7.64 FT.		DEPTH IN		385																								
				12		SUBS OD		7.64 FT.		DEPTH OUT		600																								
				12		BIT OR C.B.				FT. DRILLED		215																								
				12		Kelly Down		32.00 FT.		FT. CORED		4 3/4																								
				12		TOTAL		600.00 FT.		CUM. HRS. RUN		4 3/4																								
				12		WT OF STRING		40000 LBS.		CONDITION		C.I.C.																								
				12		DRILLER		<i>Gault</i>																												
				12		WEATHER CONDITIONS		<i>W. am.</i>																												

TIME DISTRIBUTION—HOURS				DAY TOUR										MUD RECORD																						
				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		TIME				
				1		STANDS DP		181.4 FT.		Drilling or Core Bit No.		2																								
				1		SNGLS. DP		30.52 FT.		TYPE		RMR																								
				12		D.C. OD		3.45 FT.		SIZE		17 1/2																								
				12		RMR BODY OD		3.00 FT.		SERIAL No.																										
				12		STB BODY OD		7.64 FT.		DEPTH IN		385																								
				12		SUBS OD		7.64 FT.		DEPTH OUT		600																								
				12		BIT OR C.B.				FT. DRILLED		215																								
				12		Kelly Down		32.00 FT.		FT. CORED		4 3/4																								
				12		TOTAL		600.00 FT.		CUM. HRS. RUN		4 3/4																								
				12		WT OF STRING		44000 LBS.		CONDITION		O.S.																								
				12		DRILLER		<i>W. F. Z. Frank</i>																												
				12		WEATHER CONDITIONS		<i>W. am.</i>																												

TIME DISTRIBUTION—HOURS				EVENING TOUR										MUD RECORD																						
				NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		TIME				
				1		STANDS DP		181.4 FT.		Drilling or Core Bit No.		2																								
				1		SNGLS. DP		30.52 FT.		TYPE		RMR																								
				12		D.C. OD		3.45 FT.		SIZE		17 1/2																								
				12		RMR BODY OD		3.00 FT.		SERIAL No.																										
				12		STB BODY OD		7.64 FT.		DEPTH IN		385																								
				12		SUBS OD		7.64 FT.		DEPTH OUT		600																								
				12		BIT OR C.B.				FT. DRILLED		215																								
				12		Kelly Down		32.00 FT.		FT. CORED		4 3/4																								
				12		TOTAL		600.00 FT.		CUM. HRS. RUN		4 3/4																								
				12		WT OF STRING		44000 LBS.		CONDITION		O.S.																								
				12		DRILLER		<i>W. F. Z. Frank</i>																												
				12		WEATHER CONDITIONS		<i>W. am.</i>																												

REPORT No. 4

DATE: Mon 20

[illegible]

DAILY DRILLING REPORT

OPERATOR Amurca OIL LTD.		LOCATION LSD.	SEC. 	TWP. 	RGE. 	W. 	WELL NAME MURPHY, B.O.C., MUSKEG RIVER	No. 1	PROVINCE N.W.T.			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 415	TOOL JOINT 5 1/4" OD	DRILL PIPE GRADE D. #2	PUMPS		CASING & LINER RECORD	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE A. Bawden		CONTRACTOR'S TOOL PUSHER W. H. H. H.		1. MANUFACTURER N.S.C.O. TYPE C350		2. OILWELL 214P		3.				

TIME DISTRIBUTION—HOURS				MORNING TOUR										MUD RECORD									
	Morn	Day	Eve	NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
DRILLING	5 1/4	1 1/4	6 1/2	3	D.C. 5/8" OD 94.42	Drilling or Core Bit No. 1A TYPE R.P. R2P SIZE 12 1/4 NOZZ. SIZE SERIAL No. 22 DEPTH IN 0 DEPTH OUT 94 FT. DRILLED FT. REAMED FT. CORED CUM. HRS. RUN 5 1/4 CONDITION Run	0	94		94		100	10	350	7 1/4	56	5 1/4	WEIGHT					
TRIPPING		1/4	1/4															VISC.					
RIG MAINTENANCE	1/4	1/4	1/4															W.L.-C.C.					
RIG REPAIRS																		FLTR. CK.					
HOLE SURVEYS	1/2	3/4	3/4															pH					
CONDITIONING MUD																		SD. CONT.					
CONDITIONING HOLE																		MUD & CHEMICALS ADDED					
Reaming & Cleaning To Bottom	2 1/2																	TYPE	AMT.	TYPE	AMT.		
WORKING OR STUCK PIPE																		GEOL	1000				
FISHING																		TIME	50				
LOST CIRCULATION																							
CASING																							
WAITING ON CEMENT																							
HEADING UP AND DRILLING OUT																							
MISCELLANEOUS	2																						
SUB TOTAL																							
DAYWORK HOURS																							
TOTAL HOURS	8	8	8																				

WIRE LINE RECORD				DAY TOUR										MUD RECORD									
REEL NO.	NO. OF LINES	SIZE	FEET SLIPPED	NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
				5	D.C. 1/2" OD 151.54	Drilling or Core Bit No. 1A TYPE R.P. R2P SIZE 12 1/4 NOZZ. SIZE SERIAL No. R.R. DEPTH IN 0 DEPTH OUT 190 FT. DRILLED FT. REAMED FT. CORED CUM. HRS. RUN 9 1/2 CONDITION	94	96		190		200	20	375	7 1/4	56	4 1/4	WEIGHT					
																		VISC.					
																		W.L.-C.C.					
																		FLTR. CK.					
																		pH					
																		SD. CONT.					
																		MUD & CHEMICALS ADDED					
																		TYPE	AMT.	TYPE	AMT.		
																		GEOL	300				
																		PLASTER	100				

WIRE LINE RECORD				EVENING TOUR										MUD RECORD									
REEL NO.	NO. OF LINES	SIZE	FEET SLIPPED	NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA-RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	TIME	1st HR.	3rd HR.	5th HR.	7th HR.	
				1	STANDS DP 89.77 FT.	Drilling or Core Bit No. 2A TYPE OSC-3 SIZE 12 1/4 NOZZ. SIZE SERIAL No. 36571 DEPTH IN 150 DEPTH OUT FT. DRILLED 297 FT. REAMED FT. CORED CUM. HRS. RUN 6 1/2 CONDITION 0.13	190	297	2	487	Gum 30	200	30	350	7 1/4			WEIGHT			97	9.6	
				2	D.C. 1/2" OD 348.51													VISC.			60	50	
																		W.L.-C.C.					
																		FLTR. CK.					
																		pH					
																		SD. CONT.					
																		MUD & CHEMICALS ADDED					
																		TYPE	AMT.	TYPE	AMT.		
																		WATER					

REPORT No. 2

DATE: March 18

DAILY DRILLING REPORT

OPERATOR Amurex Oil Ltd		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME MURPHY, B.O.C. Muskeg River	No. 1	PROVINCE N.W.T.			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE STRING NO. 8	TOOL JOINT TYPE THD.	OD	DRILL PIPE GRADE	PUMPS No. MANUFACTURER TYPE 1. 2. 3.		CASING & LINER RECORD	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>											

TIME DISTRIBUTION—HOURS				MORNING TOUR										DAY TOUR										EVENING TOUR										MUD RECORD				
	Morn	Day	Eve	NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	TIME	1st HR.	3rd HR.	5th HR.	7th HR.																
DRILLING			1/	STANDS DP	FT.	Drilling or Core Bit No.													WEIGHT																			
TRIPPING				SNGLS. DP	FT.	TYPE													VISC.																			
RIG MAINTENANCE				D.C. OD	FT.	SIZE													W.L.-C.C.																			
RIG REPAIRS				RMR BODY OD	FT.	NOZZ. SIZE													FLTR. CK.																			
HOLE SURVEYS				STB BODY OD	FT.	SERIAL No.													pH																			
CONDITIONING MUD				SUBS OD	FT.	DEPTH IN													SD. CONT.																			
CONDITIONING HOLE				BIT OR C.B.	FT.	DEPTH OUT													MUD & CHEMICALS ADDED																			
Reaming & Cleaning To Bottom					FT.	FT. DRILLED													TYPE	AMT.	TYPE	AMT.																
WORKING OR STUCK PIPE					FT.	FT. REAMED																																
FISHING				Kelly Down	FT.	FT. CORED																																
LOST CIRCULATION				TOTAL	FT.	CUM. HRS. RUN																																
CASING				WT OF STRING	LBS.	CONDITION																																
WAITING ON CEMENT				DRILLER																																		
HEADING UP AND DRILLING OUT				WEATHER CONDITIONS																																		
MISCELLANEOUS			4																																			
SUB TOTAL																																						
DAYWORK HOURS																																						
TOTAL HOURS			8																																			

WIRE LINE RECORD				MORNING TOUR										DAY TOUR										EVENING TOUR										MUD RECORD					
REEL NO.	NO. OF LINES	SIZE	FEET SLIPPED	FEET CUT OFF	PRESENT LENGTH	TON MI. or TRIPS SINCE LAST CUT	CUMULATIVE TON MI. or TRIPS	NO. OF DAYS FROM SPUD	CUMULATIVE ROTATING HRS.	DAYS SINCE LAST ACCDNT.	DRILLER ACCDNT. FREE DAYS	MORNING TOUR	DAY TOUR	EVENING TOUR	NO.	DRILLING ASSEMBLY	BIT RECORD	Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	TIME	1st HR.	3rd HR.	5th HR.	7th HR.						
												95	30	201.	STANDS DP	FT.	Drilling or Core Bit No.													WEIGHT									
															SNGLS. DP	FT.	TYPE												VISC.										
															D.C. OD	FT.	SIZE												W.L.-C.C.										
															RMR BODY OD	FT.	NOZZ. SIZE												FLTR. CK.										
															STB BODY OD	FT.	SERIAL No.												pH										
															SUBS OD	FT.	DEPTH IN												SD. CONT.										
															BIT OR C.B.	FT.	DEPTH OUT												MUD & CHEMICALS ADDED										
																FT. DRILLED													TYPE	AMT.	TYPE	AMT.							
																FT. REAMED																							
															Kelly Down	FT.	FT. CORED																						
															TOTAL	FT.	CUM. HRS. RUN																						
															WT OF STRING	LBS.	CONDITION																						
															DRILLER																								
															WEATHER CONDITIONS																								

REPORT No. 1

DATE: March 17

OPERATOR Amurex Oil Ltd		LOCATION LSD.		SEC.		TWP.		RGE.		W.		WELL NAME Murphy, BOC, Muskeg River		No. #		PROVINCE N.W.T.															
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8		DRILL PIPE STRING NO. SIZE		TOOL JOINT OD		DRILL PIPE GRADE		PUMPS No. MANUFACTURER TYPE		CASING & LINER RECORD		SIZE WT & GR.		DEPTH SET FROM TO		TYPE OF CEMENT		CEMENT USED		OTHER									
OPERATOR'S REPRESENTATIVE J. K. ...		CONTRACTOR'S TOOL PUSHER ...																													
TIME DISTRIBUTION—HOURS		NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
Morn Day Eve		STANDS DP		FT.		Drilling or Core Bit No.																								TIME 1st HR. 3rd HR. 5th HR. 7th HR.	
DRILLING		SNGLS. DP		FT.		TYPE																						WEIGHT			
TRIPPING		D.C. OD		FT.		SIZE																						VISC.			
RIG MAINTENANCE		RMR BODY OD		FT.		NOZZ. SIZE																						W.L.-C.C.			
RIG REPAIRS		STB BODY OD		FT.		SERIAL No.																						FLTR. CK.			
HOLE SURVEYS		SUBS OD		FT.		DEPTH IN																						pH			
CONDITIONING MUD		BIT OR C.B.		FT.		DEPTH OUT																						SD. CONT.			
CONDITIONING HOLE				FT.		FT. DRILLED																									
Reaming & Cleaning To Bottom				FT.		FT. REAMED																									
WORKING OR STUCK PIPE		Kelly Down		FT.		FT. CORED																									
FISHING		TOTAL		FT.		CUM. HRS. RUN																									
LOST CIRCULATION		WT OF STRING		LBS.		CONDITION																									
CASING		DRILLER		K.D. MURRAY																											
WAITING ON CEMENT		WEATHER CONDITIONS																													
HEADING UP AND DRILLING OUT		NO.		DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour		Drilled This Tour		Cored or Reamed This Tour		Depth At End of Tour		FORMATION (SHOW CORE RECOVERY)		ROTA- RY R.P.M.		WT ON BIT 1000#		PUMP PRESS.		LINER SIZE		S.P.M.		HRS. RUN		MUD RECORD	
MISCELLANEOUS		STANDS DP		FT.		Drilling or Core Bit No.																								TIME 1st HR. 3rd HR. 5th HR. 7th HR.	
SUB TOTAL		SNGLS. DP		FT.		TYPE																						WEIGHT			
DAYWORK HOURS		D.C. OD		FT.		SIZE																						VISC.			
TOTAL HOURS		RMR BODY OD		FT.		NOZZ. SIZE																						W.L.-C.C.			
WIRE LINE RECORD		STB BODY OD		FT.		SERIAL No.																						FLTR. CK.			
REEL NO.		SUBS OD		FT.		DEPTH IN																						pH			
NO. OF LINES		BIT OR C.B.		FT.		DEPTH OUT																						SD. CONT.			
SIZE				FT.		FT. DRILLED																									
FEET SLIPPED				FT.		FT. REAMED																									
FEET CUT OFF		Kelly Down		FT.		FT. CORED																									
PRESENT LENGTH		TOTAL		FT.		CUM. HRS. RUN																									
TON MI. or TRIPS SINCE LAST CUT		WT OF STRING		LBS.		CONDITION																									

DAILY DRILLING REPORT

OPERATOR Amurex Oil Ltd.		LOCATION	LSD.	SEC.	TWP.	RGE.	W.	WELL NAME MURPHY, B.O.C. Amurex River	No. 1	PROVINCE N.W.T.			
CONTRACTOR PETER BAWDEN DRILLING LIMITED		RIG NO. 8	DRILL PIPE NO. SIZE	TOOL JOINT	OD	DRILL PIPE GRADE	PUMPS		CASING & LINER RECORD	DEPTH SET FROM TO	TYPE OF CEMENT	CEMENT USED	OTHER
OPERATOR'S REPRESENTATIVE		CONTRACTOR'S TOOL PUSHER <i>Alan J. Lister</i>		TYPE THD.		No. MANUFACTURER TYPE		1. 2. 3.					

TIME DISTRIBUTION—HOURS				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
	Morn	Day	Eve	STANDS	DP	FT.	Drilling or Core Bit No.												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
DRILLING				SNGLS.	DP	FT.	TYPE												WEIGHT				
TRIPPING				D.C.	OD	FT.	SIZE												VISC.				
RIG MAINTENANCE					OD	FT.	NOZZ. SIZE												W.L.-C.C.				
RIG REPAIRS				RMR BODY	OD	FT.	SERIAL No.												FLTR. CK.				
HOLE SURVEYS				STB BODY	OD	FT.	DEPTH IN												pH				
CONDITIONING MUD				SUBS	OD	FT.	DEPTH OUT												SD. CONT.				
CONDITIONING HOLE				BIT OR C.B.		FT.	FT. DRILLED												MUD & CHEMICALS ADDED				
Reaming & Cleaning To Bottom						FT.	FT. REAMED												TYPE	AMT.	TYPE	AMT.	
WORKING OR STUCK PIPE				Kelly Down		FT.	FT. CORED																
FISHING				TOTAL		FT.	CUM. HRS. RUN																
LOST CIRCULATION				WT OF STRING		LBS.	CONDITION																
CASING				DRILLER	<i>H.D. Morgan</i>																		
WAITING ON CEMENT				WEATHER CONDITIONS				<i>Cold</i>															
HEADING UP AND DRILLING OUT				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
MISCELLANEOUS				STANDS	DP	FT.	Drilling or Core Bit No.												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
SUB TOTAL				SNGLS.	DP	FT.	TYPE												WEIGHT				
DAYWORK HOURS				D.C.	OD	FT.	SIZE												VISC.				
TOTAL HOURS					OD	FT.	NOZZ. SIZE												W.L.-C.C.				
WIRE LINE RECORD				RMR BODY	OD	FT.	SERIAL No.												FLTR. CK.				
REEL NO.				STB BODY	OD	FT.	DEPTH IN												pH				
NO. OF LINES	SIZE			SUBS	OD	FT.	DEPTH OUT												SD. CONT.				
FEET SLIPPED	<i>68</i>			BIT OR C.B.		FT.	FT. DRILLED												MUD & CHEMICALS ADDED				
FEET CUT OFF	<i>68</i>					FT.	FT. REAMED												TYPE	AMT.	TYPE	AMT.	
PRESENT LENGTH				Kelly Down		FT.	FT. CORED																
TON MI. or TRIPS SINCE LAST CUT	<i>0</i>			TOTAL		FT.	CUM. HRS. RUN																
CUMULATIVE TON MI. or TRIPS	<i>36226</i>			WT OF STRING		LBS.	CONDITION																
NO. OF DAYS FROM SPUD				DRILLER	<i>C. Saville</i>																		
CUMULATIVE ROTATING HRS.				WEATHER CONDITIONS				<i>Cold & Snowing</i>															
DAYS SINCE LAST ACCONT.				NO. DRILLING ASSEMBLY		BIT RECORD		Depth At Beginning of Tour	Drilled This Tour	Cored or Reamed This Tour	Depth At End of Tour	FORMATION (SHOW CORE RECOVERY)	ROTA- RY R.P.M.	WT ON BIT 1000#	PUMP PRESS.	LINER SIZE	S.P.M.	HRS. RUN	MUD RECORD				
DRILLER ACCONT. FREE DAYS				STANDS	DP	FT.	Drilling or Core Bit No.												TIME	1st HR.	3rd HR.	5th HR.	7th HR.
MORNING TOUR				SNGLS.	DP	FT.	TYPE												WEIGHT				
DAY TOUR	<i>28</i>			D.C.	OD	FT.	SIZE												VISC.				
EVENING TOUR	<i>199</i>				OD	FT.	NOZZ. SIZE												W.L.-C.C.				
				RMR BODY	OD	FT.	SERIAL No.												FLTR. CK.				
				STB BODY	OD	FT.	DEPTH IN												pH				
				SUBS	OD	FT.	DEPTH OUT												SD. CONT.				
				BIT OR C.B.		FT.	FT. DRILLED												MUD & CHEMICALS ADDED				
						FT.	FT. REAMED												TYPE	AMT.	TYPE	AMT.	
				Kelly Down		FT.	FT. CORED																
				TOTAL		FT.	CUM. HRS. RUN																
				WT OF STRING		LBS.	CONDITION																
				DRILLER	<i>W. F. D. Smith</i>																		
				WEATHER CONDITIONS																			

REPORT No.

DATE: *Mar 15/61.*