WELL HISTORY REPORT

AMOCO ET AL A-1 CARCAJOU K-68
UNIT K SECTION 68 GRID 65°37'42"N,
128°12'23"W NORTHWEST TERRITORIES

060-11-05-127

WELL HISTORY REPORT

AMOCO ET AL A-1 CARCAJOU K-68

UNIT K SECTION 68 GRID 65°37'42"N, 128°12'23"W

NORTHWEST TERRITORIES

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
APR 12 1973
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

By:
D. Cannon
Junior Engineer

Approved by:

for A. F. Holan
Area Superintendent

Wm. T. McKnight

AMOCO CANADA PETROLEUM COMPANY LIMITED
444 - Seventh Avenue, S. W.
Calgary, Alberta
T8V 0T9

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JUN 26 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

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ATTACHMENTS

Sample Descriptions

Core Descriptions

WELL HISTORY REPORT

SECTION I - Summary of Well Data

(a) Well Name and Number

Amoco et al A-1 Carcajou K-68

(b) Permittee

General Crude Oil Company, Alberta Limited and Trans Ocean Oil Canada Limited

(c) Name of Operator

Amoco Canada Petroleum Company Limited
444 - Seventh Avenue, S. W., Calgary 2, Alberta

(d) Location

Unit K Section 68 Grid 65°40'N, 128°0'W
Latitude 65°37'42"N, Longitude 128°12'23"W
Universal well location reference 65.62834°N. Lat. 128.20638° W. Long.
Unique Well Identifier - 300K686540128000

(e) Co-ordinates

Nil

(f) Permit No.

Permit #4382

(g) Drilling Contractor

Name: Kenting Petrolia Drilling Limited
Rig: Number 7
Type: Rotary Unit

(h) Drilling Authority

Number 577
Date Issued: February 9, 1972

(i) Classification

Wildcat

(j) Elevation

Ground: 700
K.B.: 717

(k) Spudded

February 9, 1972

(l) Completed Drilling

March 15, 1972

(m) Depths

Total Depth 4515

(n) Well Status

Abandoned

(o) Rig Released

March 17, 1972

(p) Hole Size

26"	0 - 49
17 1/2"	49 - 312
12 1/4"	312 - 1400
7 7/8"	1400 - TD

(q) Casing

Casing size:	20"
Grade:	H-40 Buttress
Weight:	94#
Amount:	32 ft.
Set at:	49 KB

Casing Size:	13 3/8"
Grade:	K-55
Weight:	54.5#
Amount:	8 jcints
Set at:	312 KB

Casing Size:	8 5/8"
Grade:	K-55
Weight:	24#
Amount:	34 joints
Set at:	1400 KB

SECTION II - Geological Summary

(a) Formation Tops

Tops	Depths (E-Log)
Hume	Spudded in Hume
Headless	259'
Landry L. S.	312'
Arnica	348'
Reverse Fault	
Hume	548'
Headless	626'
Landry	679'
Arnica	716'
Bear Rock	893'
Dettrital	1639'
Mount Kindle	1675'
Chert	1950'
Reverse Fault	
Bear Rock	2950'
Mount Kindle	3695'
Cherty Unit	4150'
Total Depth	4515'

(b) Cored Intervals

1675 - 1692 Mount Kindle - recovered 5 ft.
1693 - 1701 Mount Kindle - recovered 5 ft.

(c) Core Descriptions - (none available due to poor condition of core samples)

Core #1 17' x 5 hrs.
Core #2 8' x 7-1/4 hrs.

(d) Sample Descriptions - see attachments

(e) Paleontological Determinations

Nil

SECTION III - Engineering Summary

(a) Drill Stem Tests

DST #1 700-820 recovered 20' drill fluid & 120' sulphurous water
DST #2 1640-1770 recovered 1362' fresh water
DST #3 2030-2105 recovered 40' drilling water
DST #4 3705-3780 recovered 50' fresh water & 1125' slightly sulphurous water

(b) Casing Record

Conductor Pipe

Hole size:	26"
Conductor size:	20"
Weight:	94#
Grade:	H-40 Buttress
Joints run:	1
KB setting depth:	49'
Cement and additives:	40 sacks Howco permafrost cement plus 2% $CaCl_2$
Date run:	February 8, 1972
Date cemented:	February 8, 1972

Surface Casing

Hole size:	17 1/2"
Casing size:	13 3/8"
Weight:	54.5#
Grade:	K-55
Joints run:	8
KB setting depth:	312'
Cement and additives:	438 sacks of permafrost cement
Date run:	February 17, 1972
Date cemented:	February 17, 1972

Intermediate Casing

Hole size:	12 1/4"
Casing size:	8 5/8"
Weight:	24#
Grade:	K-55
Joints run:	34
KB setting depth:	1400'
Cement and additives:	150 sacks neat 50 sacks permafrost cement
Date run:	February 25, 1972
Date cemented:	February 25, 1972

(c) Bit Record

Bit	Size	Type	Make	In	Out	Ft.	Hours
#1	12 1/4"	YT1AG	Reed	49	136	87	24 1/4
#1 RR	12 1/4"	YT1AG	Reed	136	315	179	35 1/2
#2	17 1/2"	Reamer	Reed	43	312	269	59
#3	12 1/4"	YS1J	Reed	312	352	40	6
#4	7 7/8"	SS1G	Reed	352	375	23	11
#5	12 1/4"	S88	Sec	375	1400	1025	60 3/4
#6	7 7/8"	SSIG	Reed	1400	1675	275	12 1/2
#7	6 3/16"	Diamond	Turco	1675	1692	17	5
#8	7 7/8"	4JS	Smith	1675	1693	18	1 1/4

Bit	Size	Type	Make	In	Out	Ft.	Hours
#7 RR	6 3/16"	Diamond	Turco	1693	1701	8	7 1/4
#8 RR	7 7/8"	4JS	Smith	1701	1770	69	3 1/2
#9	7 7/8"	5JS	Smith	1770	2105	335	12 3/4
#10	7 7/8"	7JS	Smith	2105	2874	769	46 1/4
#8 RR	7 7/8"	4JS	Smith	2874	3334	460	21 1/4
#11	7 7/8"	FCH	Reed	3334	3430	96	10 3/4
#12	7 7/8"	FCH4	Reed	3430	3780	350	19 1/4
#12 RR	7 7/8"	FCH4	Reed	3780	4073	293	21 3/4
#13	7 7/8"	H88	Sec	4073	4408	335	19 1/2
#14	7 7/8"	H88	Sec	4408	4510	102	5

(d) Mud Report

Type - water base-gel-polymer
Quantity - approximately 1000# bentonite and 40# polymer.

(e) Deviation Record

Depth	Deviation (Degrees)	Depth	Deviation (Degrees)
110	1/4	1473	5 1/4
135	1/8	1630	5 7/8
136	1/8	1770	7
170	1/4	1895	7 1/8
201	1/4	2051	7 1/8
258	1/4	2217	9
315	1/4	2343	9
116	1/4	2468	9
206	1/2	2562	10 1/2
312	1/2	2688	12
345	1 3/4	2812	13 1/2
375	1 1/2	2864	13 1/2
377	1	3001	15
405	1 1/2	3126	15 1/4
436	1 1/2	3242	18 1/2
492	1 3/4	3300	20
577	2	3334	19
652	2	3357	19
742	2	3388	18 1/4
815	2 3/4	3420	17 1/4
877	2 7/8	3468	16 1/2
908	2 1/4	3500	16 1/2
940	2 1/4	3532	16 1/4
971	2 1/2	3563	16
1003	2 3/4	3625	15 3/4
1034	2 1/2	3719	15
1066	3	3845	13 3/4
1159	3	3970	13 1/4
1284	4 1/2	4063	12 3/4
1316	5	4189	12 1/2
1347	5 1/8	4313	12
1400	5 1/2	4500	11 1/4

(f) Abandonment Plugs

Cementing Record

Date	Interval	Remarks
March 16, 1972	4400 - TD	50 sacks neat + 2% $CaCl_2$ - No feel
March 16, 1972	2850 - 3050	90 sacks neat + 2% $CaCl_2$ - Felt @ 2835'
March 16, 1972	1350 - 1450	45 sacks neat + 2% $CaCl_2$ - Felt @ 1340'
March 16, 1972	Surface	5 sacks weld on plate and sign.

(g) Lost Circulation Zones

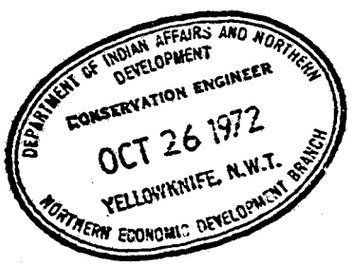
Nil

(h) Report of Blowouts

Nil

SECTION IV - Logs

Date	Type	Interval
February 15, 1972	Gamma Sonic Caliper	315 - Surface
February 15, 1972	Dual Ind. Lat.	1400 - Surface
February 15, 1972	BHC Sonic	1400 - Surface
February 15, 1972	Density	1400 - Surface
February 15, 1972	SNP	1400 - Surface
February 15, 1972	Dipmeter	1400 - Surface
March 15, 1972	D.I.L.	4510 - 1400
March 15, 1972	BHC Gamma - Caliper	4510 - 1400
March 15, 1972	SNP Gamma - Caliper	4510 - 1400
March 15, 1972	4 arm high resolution dipmeter	4510 - 1400
March 9, 1972	B.H. Directional Survey Plan	Surf - 3420



SECTION V - Analysis

(a) Core Analysis - sent under separate cover

(b) Water Analysis - sent under separate cover

(c) Gas Analysis

Nil

(d) Oil Analysis

Nil

SECTION VI - Completion Summary

(a) Tubing Record

Nil

(b) Perforation Record

Nil

(c) Cementation Record

Nil

(d) Acidization and Fracturing Record

Nil

(e) Back Pressure and Production Tests

Nil

SAMPLE DESCRIPTION REPORT

Amoco et al A-1 Carcajou K-68

0-50	No samples.
	Spud in Hume.
50-60	Dolomite, tan, crypto-crystalline, very dense, interbedded lt grey, silty shale.
60-80	Limestone, med br., very fine green dense argillaceous in interbeds of shale.
80-90	Limestone, as above, fine gr argillaceous, dense.
90-120	No sample
120-130	Poor sample, dolomite, dk grey, very hard, with interbeds of dense crypto-crystalline silty shale.
130-150	Limestone, lt brown, fine to very fine gr argillaceous.
150-180	Limestone, very fine to fine gr argillaceous, med br to grey, stringers of marlestone, dense, with tr of dessiminated pyrite and cement cavings.
180-190	Limestone, as above, very argillaceous, stringers of white sucrosic limestone and marlestone.
190-200	Limestone, as above, lt grey to tan, very argillaceous marlestone.
200-210	Limestone, very dense, as above.
210-220	Limestone, as above, with thick interbeds of marlestone, stringers of cream colored sucrosic limestone.
220-230	Limestone, fine gr, very dense, lt grey-tan, very argillaceous.
230-240	Limestone, as above with a tr of marlestone.
240-250	Limestone, as above with a tr of wh sucrosic lime stringers and tr of pyrite.
250-260	Limestone, as above, with stringers of green calcareous shale.
	Headless - 259
260-270	Limestone, as above, with thick interbeds of light green calcareous shale, fossiliferous.

270-280	Limestone, as above, with a trace of brach. fragments.
280-290	Limestone, lt gy to tan, shale as above, trace pyrite and brach. fragments.
290-300	Limestone, lt gy to tan, shale as above, with traces of pyrite and brachipod fragments.
300-310	Limestone, as above, abundant green calcareous shale.
310-320	Limestone, lt gy to brown, slightly argillaceous, very fine grained.
	Landry - 312 feet
320-330	Limestone, as above, slightly more argillaceous with a trace of bitumen.
330-340	Limestone, as above, argillaceous, stringers of gy shale, stringers of white calcite, stringers of fine sucrosic limestone.
340-350	Limestone, lt gy to brown, very dense, very fine grained, trace of porcelin chert, thin interbeds of greenish-grey shale, trace glaueonite.
350-360	Limestone, as above, stringers of med. gr. slightly sandy porous chert, shale and glauconite, pelletodial, tr of oil stain.
	Arnica - 348 feet
360-370	Limestone, as above, stringers of fine crystalline dolomite oil saturated, shale as above. Less than 1% porosity.
370-380	Dolomite, lt med brown, fine med crystals, oil stained, 1 - 2% intercrystalline porosity. pin pt vugs, live and dead oil.
380-390	Dolomite, as above, tr of secondary calcite-lined fractures.
390-400	Dolomite, as above, fine crystalline, pin point vugs, 1% porosity, dead and live oil cut secondary calcium lined vugs.
400-410	Dolomite, fine med.,crystalline, lt brown, dead and live oil staining, intercrystalline vuggy porosity, 1 - 3%, secondary dolomite lined vugs.
410-420	Dolomite, as above, porous, dead oil stained.
420-430	Dolomite, as above, abundand secondary calcite and dolomite lined vugs.

430-440	Dolomite as above, est. porosity, 2 - 4%.
440-450	Dolomite, lt med brown, fine med crystalline, slight live and dead oil trace, pin point vugs.
450-460	Dolomite as above, tr secondary calcium lined fractures, tr dead oil in pin point vugs, slight tr live oil.
460-470	Dolomite as above, some limestone cavings, lt gy to brown, secondary calcite lined fractures.
470-480	Limestone, as above, very argillaceous.
480-490	Limestone, as above, tr of dolomite as above, secondary calcite.
490-500	Limestone, light gy as above, abundant oil stains, dolomite as above.
500-510	Limestone, dk gy black, very dense, very argillaceous with interbeds of brown oil cut dolomite, secondary calcium lined fractures.
510-520	Limestone, as above, abundant dolomite stringers of gy, green, dolomite, fine crystalline.
520-530	Dolomite, lt brown, fine cyrstalline stained lt gy green stringers very dense, very argillaceous, secondary calcite lined hair line fractures.
530-540	Dolomite as above, badly fractured, secondary calcite lined. Thin stringers, black limestone, argillaceous.
540-550	Dolomite badly fractured, possibly breccia, stringers of bituminous shale, trace slickenside.
	Fault to Hume - 548 feet
550-560	Limestone, light grey to tan, fine grained, very argillaceous secondary calcite lined fractures.
560-570	Limestone, as above, but with fiberous secondary calcite.
570-580	Limestone, as above, dense argillaceous, stringers of black bituminous shale with sucrosic limestone and secondary calcite.
580-590	Limestone, light to medium grey, fine crystalline, very argillaceous, open and secondary calcite lined fractures (gas puff 10 units).
590-600	Limestone, as above, fossiliferous coral fragments, interbedded dark grey calcareous shale.

600-610	Limestone, light grey, fine grained, sucrosic stringers with dark grey, calcareous shale, gas puff 5 units.
610-620	Limestone, as above, tight with disseminated pyrite.
620-630	Limestone, as above,
	Headless at 626
630-640	Limestone light grey to tan, fine grained, interbedded light green soft calcareous shale, fossils, coral.
640-650	Limestone and shale as above with a trace of disseminated pyrite.
650-660	Limestone, light grey tan, fine grained dense coral fragment? trace green shale as above, trace glauconite.
660-670	Limestone, as above, thick grey green to grey calcareous soft shale.
670-680	Limestone, light grey to tan, as above.
	Landry at 679
680-690	Limestone, light grey to tan, lithographic, very dense argillaceous. Trace shale as above.
690-700	Limestone, as above.
700-710	Limestone, as above, fine grained with interbeds and sucrosic limestone, trace birdseye limestone.
710-720	Limestone as above, black lithographic limestone stringers, stringers of black slightly calcareous shale.
	Arnica at 716
720-730	Dolomite, light to medium brown, finely crystalline sucrosic trace of live oil.
730-740	Dolomite as above, trace of dead and live oil stain.
740-750	Dolomite as above, live oil cut, pin point porosity less than 2%.
750-760	Dolomite as above, with a trace of bituminous material stained.
760-770	Dolomite light grey to brown find crystalline sucrosic dead oil in pin point vugs, slight trace of live oil.
770-780	Dolomite, tan, very fine crystalline, fairly dense, secondary calcite lined vugs.

780-790	Dolomite as above, with a trace of dead oil, very little live oil cut.
790-800	Dolomite grey to brown and tan, fine crystalline, sucrosic, pin point vugs with trace of dead oil.
800-810	Dolomite light grey to tan, fine crystalline sucrosic, fairly dense, trace of bituminous material argillaceous.
810-820	Dolomite light grey to brown, fine crystalline, dense, slight trace of live oil.
820-830	Dolomite tan, fine-med. crystals, dead oil trace, argillaceous, secondary calcite lined fractures.
830-850	Dolomite, light grey, argillaceous, fine grained crystal, secondary calcite lined fractures. Trace of bituminous material (dead oil).
850-860	Dolomite, light grey to brown, fine grained, very argillaceous, dead oil in pin point vugs, stringers of black bituminous shale.
860-870	Dolomite, tan, fine crystalline, slightly argillaceous, trace of pin point vugs.
870-890	Dolomite, as above, pin point vugs, stringers of white chalky anhydrite (gypsum), stringers of hard black shale.
	Bear Rock 893
890-900	Anhydrite, light brown to tan, waxy, thin stringers of grey dense, very fine crystalline dolomite.
900-910	Anydrite as above with thin stringers of light grey, very fine crystalline dolomite and grey brittle shale.
910-920	Anhydrite with thick interbeds of dolomite, tan, fine crystalline dense.
920-930	Dolomite, as above, with anhydrite white to tan, waxy, dense.
930-940	Dolomite and anhydrite as above with stringers of green shale.
940-950	Dolomite and anhydrite as above with abundant stringers of white chalky anhydrite and shale.
950-960	Dolomite tan, very fine crystalline interbedded with anhydrite, white to tan, waxy.
960-980	Anhydrite, white to tan, waxy.

980-990	Anhydrite, white to light grey, waxy, stringers of tan, fine crystalline dolomite.
990-1000	Dolomite, tan, fine grained sucrosic argillaceous live and dead oil stains, anhydrite stringers.
1000-1010	Anhydrite, white to tan, as above, with dolomite stringers a trace of dead oil.
1010-1020	Anhydrite, as above, stringers of very find crystalline light grey to tan dolomite, stringers of hard grey-green shale, dense.
1020-1030	Anhydrite, as above, and dense.
1030-1040	Anhydrite, light grey to tan as above, with stringers of tan to med. grey, argillaceous dolomite and stringers of shale.
1040-1050	Anhydrite, as above, with stringers of white sucrosic anhydrite.
1050-1060	Anhydrite, with white sucrosic tan with waxy texture.
1060-1070	Dolomite and anhydrite interbedded, dolomite light grey to tan, fine crystalline, anhydrite white to tan.
1070-1080	Dolomite tan fine crystalline sucrosic, trace live and dead oil, pin point vugs and crystalline porosity less than 2%.
1080-1090	Dolomite, light grey, very fine crystalline, dense, tan sucrosic with interbeds of white, tan, anhydrite.
1090-1100	Dolomite as above with abundant anhydrite as above.
1100-1110	Anhydrite, white sucrosic to tan with interbeds of fine crystalline light grey dolomite.
1110-1120	Dolomite, light grey to brown, very fine to fine crystalline, fairly dense.
1120-1130	Dolomite with thin stringers of anhydrite as above.
1130-1140	Anhydrite and dolomite as above.
1140-1150	Anhydrite and dolomite as above, sucrosic .
1150-1160	Dolomite, light grey argillaceous to tan, fine crystalline interbedded with white sucrosic anhydrite.
1160-1170	Dolomite, as above, fine crystalline, fairly dense.
1170-1180	Dolomite as above, with a trace of bitumen pin point vugs, sucrosic in part, thin stringers of white chalky anhydrite.

1180-1190	Dolomite as above, increasing in white and tan anhydrite.
1190-1200	Anhydrite with sucrosic tan, waxy,end stringers light grey, very fine crystalline dolomite.
1200-1210	Anhydrite as above with thin interbeds of light grey to tan very fine crystalline dolomite.
1210-1230	Anhydrite with sucrosic white and tan dolomite, fine crystalline,
1230-1250	Anhydrite with tan, waxy dolomite.
1250-1260	Dolomite as above with white interbeds of sucrosic dolomite.
1260-1270	Dolomite, light grey to tan, very fine crystalline anhydrite interbeds, white sucrosic and partly tan.
1270-1280	Dolomite, tan, fine crystalline anhydrite, white as above.
1280-1290	Anhydrite, light grey to tan, waxy dolomite as above.
1290-1300	Dolomite, light grey, very argillaceous to tan, dense anhydrite as above.
1300-1320	Anhydrite dolomite as above, dense.
1320-1330	Anhydrite, white, sucrosic, tan, dolomite stringers, light grey to tan, very fine crystalline, slightly argillaceous.
1330-1340	Anhydrite as above with thin stringers of brown fine crystalline dolomite.
1340-1350	Anhydrite as above with dolomite light grey to tan, and brown, very fine to fine crystalline, dense, slightly argillaceous.
1350-1360	Anhydrite and dolomite as above, with thin interbeds of grey-green shale.
1360-1370	Anhydrite, white sucrosic with tan dolomite stringers, light grey and tan very fine crystalline argillaceous, trace bitumen.
1370-1380	Dolomite, light brown fine crystalline slightly argillaceous trace of bitumen.
1380-1390	Dolomite as above sucrosic fine crystalline mottled in part.
1390-1400	Dolomite as above with white sucrosic anhydrite, waxy texture.
1400-1410	Dolomite, light brown, fine crystalline, slightly argillaceous sucrosic in part.

1410-1420	Anhydrite, white, waxy, sucrosic, thin stringers of sucrosic brown dolomite.
1420-1430	Dolomite, tan sucrosic fine crystalline slightly argillaceous.
1430-1450	Dolomite as above with a trace of bitumen and stringers of white chalky anhydrite.
1450-1470	Dolomite as above with stringers of white sucrosic anhydrite.
1470-1480	Dolomite tan sucrosic fine crystalline trace of pin point vugs, stringers of white anhydrite and dark grey shale.
1480-1490	Anhydrite white to tan with interbeds of grey shales, slightly anhydritic.
1490-1500	Anhydrite with white sucrosic tan stringers of dolomite as above.
1500-1510	Anhydrite as above with thick interbeds of dolomite as above sucrosic gas kick of 20 units.
1510-1520	Dolomite grey slightly anhydritic, very fine crystalline anhydrite with tan sucrosic waxy anhydrite.
1520-1530	Dolomite light grey to tan, very fine to fine crystalline trace of quartz crystals, anhydrite as above.
1530-1550	Anhydrite light grey to tan very fine crystalline sucrosic stringers of anhydritic dolomite, stringers of black shale.
1550-1560	Anhydrite white to light grey and tan, fine crystalline sucrosic.
1560-1580	Anhydrite as above, shaly in part.
1580-1600	Anhydrite as above, with stringers of brown dolomite, fine to fine crystalline argillaceous, thin stringers of black shale.
1600-1620	Anhydrite as above, fine crystalline sucrosic, shaly in part.
1620-1630	Anhydrite as above, with grey shale interbeds.
1630-1640	Anhydrite as above, with stringers of white flaky anhydrite, thin stringers of light grey-brown fine crystalline dolomite, stringers of dark grey dolomitic shale.
	Detrital 1637
1640-1650	Dolomite tan very fine crystalline shale stringers as above.
1650-1670	Dolomite light grey to tan very fine grained and fine crystalline secondary dolomite lined vugs.

1670-1680 Dolomite drab brown very fine crystalline quartz lined fractures.

1680-1690 Dolomite brown, very fine crystalline quartz lined vertical fractures. Trace of open fractures.

1690-1700 Dolomite as above, with vertical open and closed fractures, secondary calcite and dolomite lined fractures with trace of dead oil.

Mount Kindle 1694

1700-1710 Dolomite tan very fine crystalline slightly coarse crystalline secondary dolomite lined fractures, trace of dead oil, dense.

1710-1720 Dolomite white to light grey, very fine crystalline, fractured as above, trace of dead oil.

1720-1740 Dolomite white to tan, very fine crystalline, secondary calcite crystals and dolomite lined open fractures, stringers of soft green shale. Trace of bitumen.

1740-1750 Dolomite as above, fractured with secondary dolomite or vug lined fractures, one to two per cent porosity, trace of bitumen.

1750-1770 Dolomite tan to medium brown, very fine to fine crystalline, trace of quartz crystals and secondary dolomite, stringers of green shale, trace of dead oil, trace of disseminated pyrite.

1770-1780 Dolomite, light grey to tan, very fine crystalline, dense, minor trace of dead oil.

1780-1790 Dolomite white to light grey fine crystalline sucrosic 2 - 3% porosity in secondary dolomite lined fractures.

1790-1800 Dolomite, white sucrosic very fine tan, trace of quartz lined fractures.

1800-1820 Dolomite, white sucrosic with secondary dolomite lined fractures, abundant disseminated pyrite and trace of white chert.

1820-1860 Dolomite light grey to brown, fine crystalline with white secondary dolomite fractures, trace of bitumen and quartz lined fractures.

1860-1880 Dolomite white to light grey very fine crystalline sucrosic slightly argillaceous trace of disseminated pyrite secondary dolomite lined fractures.

1880-1900 Dolomite, light grey to white, fine crystalline sucrosic slightly argillaceous with trace of pin point vugs and trace of dead oil.

1900-1940	Dolomite light grey to tan, very fine crystalline dense abundant pyrite trace of bitumen and secondary dolomite fractures, quartz crystals.
1940-1970	Dolomite, light grey to brown very fine crystalline sucrosic argillaceous, trace of bitumen in pin point vugs, trace of coarse crystalline quartz and light grey chert.
1970-1990	Dolomite as above, medium coarse crystalline with trace of quartz 2 to 3% porosity.
1990-2020	Dolomite as above with fine to medium grained medium crystal, trace of quartz porosity in vug lined fractures 1%.
2020-2050	Dolomite tan to light grey, fine grained to medium crystalline thin stringers of light grey, very dolomitic shale. Trace of quartz crystals. Vuggy 2 to 3% porosity,
2050-2060	Dolomite as above, very fine to medium crystalline, quartz and shale as above, 2-3% porosity.
	Cherty Unit 2062
2060-2080	Dolomite white to light grey, fine crystalline with bituminous cut and some live oil cut 2 to 3% porosity pyritic.
2080-2120	Dolomite tan to pink, very coarse to fine medium crystalline trace of chert, abundant chert in lower part.
2120-2150	Dolomite light grey to tan, some pink fine medium crystalline, trace of vuggy porosity, trace of chert and dead oil.
2150-2190	Dolomite, tan fine to medium crystalline, trace of porosity some milk-white chert.
2190-2230	Dolomite light tan to white, very fine to fine crystalline, dense, some milky to light grey chert.
2230-2300	Dolomitetan to cream very fine to medium crystalline, some grey fine grained dolomite, argillaceous, trace of pyrite, trace of milky white chert.
2300-2350	Dolomite tan to cream very fine to medium crystalline, trace of milky white chert, trace of dead oil, trace of pyrite.
2350-2410	Dolomite tan, fine to medium crystalline, trace of chert, trace of pin point vugs.
2410-2480	Dolomite tan, very fine to fine crystalline, abundant chert, (10%) cream to light brown.

2480-2500	Dolomite, light tan to cream, very fine to fine crystalline, milky white chert, some live oil staining, no porosity.
2500-2530	Dolomite tan to cream, very fine to fine crystalline trace of dead oil, slight intercrystalline porosity, trace of white chert.
	Fault to Bear Rock 2532
2530-2590	Dolomite brown to grey, fine crystalline, some dead oil, argillaceous, with fine crystalline anhydrite, light grey to tan.
2590-2620	Dolomite brown to greyish brown, fine crystalline with tan to light grey anhydrite, fine crystalline, slight flourescence, trace of dead oil.
2620-2660	Dolomite grey brown fine crystalline, argillaceous with trace of medium crystalline white dolomite, trace dead oil, trace of anhydrite.
	Fault to Hume 2617
2660-2680	Dolomite brown to grey-brown, fine to medium crystalline with white medium coarse argillaceous dolomite, trace dead oil.
	Headless at 2676
2680-2690	Shale, grey green calcareous, some white calcite vein filling, some dolomite.
2690-2720	Dolomite, brown to grey, calcareous, fine crystalline argillaceous with grey-green calcareous shale and trace pyrite.
2720-2740	Limestone, dolomitic with brown to tan, very fine to fine crystalline argillaceous dolomite with trace shale, some dead oil.
2740-2750	Dolomite calcareous tan to brown fine crystalline argillaceous with coarse dolomite in fractures, some shale grey-green slightly calcareous.
	Arnica at 2750
2750-2780	Dolomite brown to grey-brown argillaceous fine crystalline some coarse white dolomite,
2780-2820	Dolomite light brown to grey fine crystalline, argillaceous with trace of intercrystalline porosity and trace of dead oil.

2820-2850	Dolomite, brown to grey-brown, fine crystalline, argillaceous with dolomite lining veins, trace vuggy porosity, with white dolomite cyrstals and dead oil.
2850-2890	Dolomite, brown to grey-brown, fine crystalline, slightly argillaceous, trace of dead oil, trace of intercrystalline porosity.
2890-2930	Dolomite, tan, to grey-brown, fine to very fine crystalline, slightly argillaceous, some white coarse crystalline dolomite slight pin point vuggy porosity, trace of dead oil.
2930-2960	Dolomite brown to grey-brown, very fine crystalline, tiny vugs, trace of anhydrite.
	Bear Rock 2933
2960-3000	Dolomite, light brown to grey brown, fine crystalline, some anhydrite, light brown to milky white, some grey-green shale.
3000-3020	Anhydrite, light brown to milky white, finely crystalline, some brown-grey dolomite and grey-green shale,
3020-3050	Dolomite, brown to grey-brown, finely crystalline, trace of vuggy porosity lined with dead oil, some light brown finely crystalline anhydrite.
3050-3090	Dolomite as above with anhydrite, light brown to brown, trace of intercrystalline porosity, trace of dead oil.
3090-3130	Dolomite, tan to grey-brown, trace of intercrystalline to tiny vugs, trace dead oil, some anhydrite, light brown finely crystalline.
3130-3160	Anhydrite, light brown finely crystalline with some tan very finely crystalline with some tan very finely crystalline dolomite and traces of shale.
3160-3210	Dolomite, tan to light brown, very fine to finely crystalline with anhydrite light brown to white. Some grey-green shale, trace of porosity.
3210-3290	Anhydrite, light brown, finely crystalline, some white sucrosic with traces of dolomite to interbedded dolomite tan and light grey, finely crystalline, trace of vuggy porosity, some dead oil, some grey-green shale.
3290-3320	Dolomite, tan to brown, very fine crystallines, slight vuggy porosity, with 20% anhydrite, light brown, fine crystalline.

3320-3340	Anhydrite, light brown to white milky, fine crystalline, some dolomite, as above, and some grey-green shale.
3340-3350	Dolomite, brown to grey-brown, fine to medium crystalline, fair intercrystalline and vuggy porosity, trace dead oil, with some anhydrite light brown whitish and shale grey-green, trace milky white chert.
3350-3380	Anhydrite, light brown to white, finely crystalline, with some dolomite tan fine crystalline traces of porosity, and grey-green shale.
3380-3400	Dolomite, tan to brown, and grey, fine to medium crystalline, trace of porosity, some anhydrite, trace of milky white chert.
3400-3440	Anhydrite light brown to light grey, waxy, fine crystalline, with grey-green shale.
3440-3540	Dolomite, tan to brown and grey-brown, very fine to fine crystalline, trace of intercrystalline porosity, some anhydrite light brown to whitish, and minor grey-green shale.
3540-3570	Dolomite tan, fine crystalline, trace intercrystalline porosity, mainly dense.
3570-3580	Dolomite as above, with light brown to milky anhydrite.
3580-3590	Anhydrite, light brown to milky clear fine crystalline, some dolomite as above.
3590-3650	Dolomite, brown to grey-brown, slight vuggy porosity, finely crystalline, some fragments of light grey calcareous dolomite, and light brown milkly chert with interbeds of brown anhydrite.
3650-3690	Anhydrite, light brown to milky white, some grey-green shale.
	Mount Kindle 3693
3690-3730	Dolomite tan to brown fine crystalline, slight intercrystalline and vuggy porosity lined with medium coarse dolomite cyrstals, trace of chert, quartz and pyrite.
3730-3760	Dolomite, tan to light grey and brown, very fine crystalline, slight vuggy and intercrystalline porosity, trace of chert.
3760-3770	Dolomite as above with some quartz medium crystalline dolomite and trace of quartz grains.
3770-3910	Dolomite, tan brown fine crystalline, trace of dead oil, minor amounts of grey-green shale, trace of vuggy porosity, lined with medium dolomite crystals.

3910-3960	Dolomite tan to brown, fine crystalline, trace of intercrystalline porosity, trace of dead oil, slight shale calcareous interbeds, trace of white to light grey chert.
3960-3990	Dolomite as above, with some trace of pinkish fine crystalline dolomite and dead oil.
3990-4050	Dolomite, tan to light grey-brown fine crystalline, trace of white chert, traces of vuggy porosity, pyrite and dead oil.
4050-4120	Dolomite as above, with traces of white chert and scattered quartz crystals.
4120-4150	Dolomite brown to cream, fine to medium-fine crystalline, trace of quartz sandstone and grey-green shale.
	Cherty Unit 4154
4150-4190	Dolomite, cream fine to medium crystalline, some reddish medium crystalline dolomite, some white chert.
4190-4230	Dolomite, as above, with some medium to fine crystalline dolomite and abundant white chert.
4230-4270	Dolomite, as above with abundant white to brownish-white chert in amounts up to 80%,
4270-4360	Dolomite, cream to light tan, fine medium crystalline, with fairly abundant white chert.
4360-4410	Dolomite, cream to light tan, fine medium crystalline, with traces of white chert.
4410-4510	Dolomite, cream to light tan, fine medium crystalline, abundant chert, interbedded up to 40%, traces of pyrite and slight amounts of grey-green shale.
	4515 TOTAL DEPTH

Drilling Authority No. 577

Date Issued 08-02-72

WELL NAME Amoco et al Carcajou K-68

FIELD ..... Area: .....

LOCATION: Unit K Section 68 Grid 65-40-128-00

Latitude 65°37'42" Longitude 128°12'23"

U.W.L.R. 65.62834°-128.20638°

U.W.I. 300K686540128000

Rig Release Date: 17-03-72

Status D+A

Information Release Date: 17-03-74

CHANGE OF NAME:

DATE RECEIVED		INDEX
22-02-72	K	Application for a Drilling Authority.
12-4-73	K	Well Completion Data.
12-4-73	K	Well History Report.
		Application to Amend a Drilling Authority.
		Application to change a Well Name.
27-4-73	K	Application to Abandon a Well ~~or Suspend Drilling~~.
		Application to Alter Condition of a Well.
		Well History Supplement.
		Well Completion Data.
		Work-over Report No. .....
		Application to Commingle Production before Measurement.
		Data for Back Pressure Test on Natural Gas Wells – Monograph 7 Method.
		Data for Back Pressure Test on Natural Gas Wells – Vitter's Method.
		M.P.R. – Oil – Calculations.
		New Oil Well Report.
		New Gas Well Report.
2		Well Inspection Report.
27-2-73	K	Rig Inspection Report.
		Battery Inspection Report.
		Equipment Report.
		Well Card.
		New Service Well Report.
		Monthly Water Flood Operations Report
		Monthly Water Receipts and Disposal of Fluids Report
		Logs. Large scale..... Small scale.....

IAND 52-90 (3-69)

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

OIL & MINERAL DIVISION
DIVISION DU PÉTROLE ET DES MINÉRAUX

WELL COMPLETION DATA
RENSEIGNEMENTS SUR LES FORAGES

Drilling Authority No. 577
N° de l'autorisation de forage
Date Issued Feb. 8/72
Date de délivrance

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.
À présenter en double dans les trente jours suivant l'achèvement, le remaniement, l'abandon et le reconditionnement de chaque puits, ou après suspension.

Well Name & No — *Nom et n° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
Amoco et al A-1 Carcajou K-68	4382	

(Permittee, License, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
General Crude Oil Co.&Trans Ocean Oil Can. Ltd.	General Crude - 1940, Trans Ocean - 1949
(Operator) — *(Exécutant)*	Exploratory Licence No. — *N° de licence de sondage*
Amoco Canada Petroleum Company Ltd.	Operator's 1431

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue quadrillée*	Latitude	Longitude
K	68	65-40 - 128-00	65°37'42"N	128°12'23"W

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*
300K686540128000	65.62834°N. Lat. 128.20638°W. Long.

	Date	Depth — *Profondeur*
Spudded *Début des travaux*	Feb. 9/72	
Suspended *Suspension des travaux*		
Resumed Operations *Reprise des travaux*		
Finished Drilling *Forage terminé*	Mar.15/72	4515'
Deepened *Approfondissement*		
Complete (Gas/Oil) *Achèvement (Gaz/Pétrole)*		
Abandoned *Abandon*	Mar.17/72	
Rig Released *Fin des travaux*	Mar.17/72	

Pool(s) *Gisement(s)*
Interval(s) Open to Production *Intervalle(s) de production* None

Elevation: Gr. *Altitude du sol* 700' K.B. *du carré d'entraînement* 717'
Rig No. *N° de la tour de forage* 7
Drilling Contractor *Entrepreneur en forage* Kenting Petrolia Drilling Limited
Contractor's Business Licence No. *N° du permis de l'entrepreneur*

CASING RECORD — *TUBAGE*

Casing Size (Inches) *Diamètre (en pouces)*	Grade *Qualité*	Weight *Poids*	Amount *Longeur*	Set at — *Fixation à*	Sacks of Cement and Additives *Sacs de ciment et d'additifs*
1. 20	N-40	94#	32'	49' KB	40 sxs permafrost+2%CaCl
2. 13 3/8	K-55	54.5#	8 joints	312' KB	438 sxs permafrost
3. 8 5/8	K-55	24#	34 joints	1400' KB	150 sxs neat+50sxs permafrost cement
4.					
5.					
6.					

Geological Tops *Sommet des formations*	Elevation — *Profondeur* Depths *Sous le niveau du sol*	Sub-Sea *Sous le niveau de la mer*
Hume	Spudded in Hume	
Headless	259'	
Landry L. S.	312'	
Arnica	348'	
Reverse Fault		
Hume	548'	
Headless	626'	
Landry	679'	
Arnica	716'	
Bear Rock	893'	
Dettrital	1639'	
Mount Kindle	1675'	
Chert	1950'	
Reverse Fault		
Bear Rock	2950'	
Mount Kindle	3695'	
Cherty Unit	4150'	

Core Record — *Carottes*

From — *de*	To — *à*	Rec. *Récupérées*	From — *de*	To — *à*	Rec. *Recup.*
1675	1692	5			
1593	1701	5			
			plotted		

Log Record — *Diagrammes*

Run *Série*	Type of Log *Genre de diagramme*	From — *De*	To — *À*
1	Gamma Sonic Caliper	315	Surface
1	Dual Ind. Lat.	1400	Surface Csg
2	BHC Sonic	1400	Surface "
1	Density	1400	Surface "
1	SNP	1400	Surface "
1	Dipmeter	1400	Surface "
2	D.I.L.	4510	1400
3	BHC Gamma - Caliper	4510	1400
2	SNP Gamma - Caliper	4510	1400
2	4 arm high resolution dipmeter	4510	1400
2	Density	4510	1400

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
OCT 26 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

52-90-2 (7-71)

CEMENTING RECORD (Plug, Squeeze, etc.) *CIMENTATION (Bouchon, sous pression, etc.)*			
Date	From – *de*	To – *à*	Remarks – *Remarques*
3/16/72	T.D.	4400	50 sxs (Neat+2%CaCl) No feel
3/16/72	3050	2850	90 sxs (Neat+2%CaCl) Felt @ 2835'
3/16/72	1450	1350	45 sxs (Neat+2%CaCl) Felt @ 1340'

Ran 5-sack surface plug, welded on plate and identification marker.

PERFORATING RECORD (Bullet, Jet) *PERFORATION (à balles, à jet)*			
Date	From – *de*	To – *à*	Remarks – *Remarques*
			None

SERVICING RECORD (Acidizing, Fracing, etc.) *ENTRETIEN (acidification, fracturation, etc.)*			
Date	From – *de*	To – *à*	Remarks – *Remarques*
			None

DRILL STEM TESTS – *ESSAIS AUX TIGES*

No. – *N°*	Date	Formation	From – *de*	To – *à*	V.O. Mins. *Vanne ouverte (minutes)*	I.S.I. Mins. *Première obturation (minutes)*	F.S.I. Mins. *Obturation définitive (minutes)*	I.S.I.B.H.P. *Pression de fond à la 1re obturation*	F.S.I.B.H.P. *Pression de fond à l'obturation définitive*	I.F.B.H.P. *Pression défond au jaillissement*	F.F.B.H.P. *Pression de fond à l'écoulement définitif*	L.H.P. *Pression hydrostatique de début*	F.H.P. *Pression hydrostatique définitif*	Remarks – *Remarques*
✓ 1	2/22/72	Arnica	700'	820'	120	30	90	201	185	32	108	323	301	Rec. 20' drilling fluid + 120' sulphurous brackish water
✓ 2	3/3/72	Mt. Kindle	1640	1770	100	30	200	715	698	491	691	749	753	Rec. 1362' fresh water
✓ 3	3/5/72	Mt. Kindle	2030	2105	60	45	60	57	78	57	66	911	911	Rec. 40' drilling water
✓ 4	3/11/72	Mt. Kindle	3705	3780	90	30	120	1535	579	95	402	1621	1622	Rec. 50' fresh water + 1125' slightly sulphurous water

ANALYSIS – *ANALYSE*

Lab. No. *N° de laboratoire*	Sample *Echantillon*	From – *de*	To – *à*	Source	Remarks – *Remarques*
✓ 933-2311	Water	1640	1770	DST #2	
✓ E72-7721	Fresh Water	–	–	Surface Lse.	
E72-8211-1-4	Water	3705	3780	DST #4	
✓ E72-7917	Water	700	820	DST #1	
✓ C72-4533-3	Water	1640	1770	DST #2	
✓ E72-7999-2	Water	2030	2105	DST #3	
✓ C72-4534-4	Water	3705	3780	DST #4	

PRESENT STATUS OF WELL
ETAT ACTUEL DU PUITS

Oil *Pétrole*		(Interval) *(Intervalle)*
Gas *Gaz*		(Interval) *(Intervalle)*
Dry *Sec*	X	Abandoned
Susp. *Travaux sus.*		

Company *Société* Amoco Canada Petroleum Company Ltd.

Signed by *Signé par*

Title *Titre* Area Superintendent

Date Oct. 5, 1972

Forms to be prepared in duplicate and forwarded to the District Conservation Engineer.

Présenter les formules remplies à l'ingénieur en conservation du district.

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

OIL & MINERAL DIVISION
DIVISION DU PÉTROLE ET DES MINÉRAUX

WELL COMPLETION DATA
RENSEIGNEMENTS SUR LES FORAGES

Drilling Authority No.
N° de l'autorisation de forage

Date Issued
Date de délivrance

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.
À présenter en double dans les trente jours suivant l'achèvement, le remaniement, l'abandon et le reconditionnement de chaque puits, ou après suspension.

Well Name & No — *Nom et n° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
Amoco et al A-1 Carcajou K-68	4382	

(Permittee, License, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
General Crude Oil Co. & Trans Ocean Oil Canada Ltd.	
(Operator) — *(Exécutant)*	Exploratory Licence No. — *N° de licence de sondage*
Amoco Canada Petroleum Company Ltd.	

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue quadrillée*	Latitude	Longitude
K	68	65°40'N, 128°0'W	65°37'42"N	128°12'23"W

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*
300K686540128000	65.62834°N Lat. 128.20638°W Long.

	Date	Depth — *Profondeur*
Spudded *Début des travaux*	Feb. 9, 1972	
Suspended *Suspension des travaux*		
Resumed Operations *Reprise des travaux*		
Finished Drilling *Forage terminé*	Mar.15,1972	4515'
Deepened *Approfondissement*		
Complete (Gas/Oil) *Achèvement (Gaz/Pétrole)*		
Abandoned *Abandon*	Mar.17,1972	
Rig Released *Fin des travaux*	Mar.17,1972	

Pool(s) *Gisement(s)*

Interval(s) Open to Production *Intervalle(s) de production* None

Elevation: Gr. *Altitude du sol* 700' K.B. *du carré d'entraînement* 717'

Rig No. *N° de la tour de forage* 7 Drilling Contractor *Entrepreneur en forage* Kenting Petrolia Drilling Limited

Contractor's Business Licence No. *N° du permis de l'entrepreneur*

CASING RECORD — *TUBAGE*

Casing Size (Inches) *Diamètre (en pouces)*	Grade *Qualité*	Weight *Poids*	Amount *Longeur*	Set at — *Fixation à*	Sacks of Cement and Additives *Sacs de ciment et d'additifs*
1. 20	H-40	94#	32'	49' KB	
2. 13 3/8	K-55	54.5#	8 joints	312' KB	
3. 8 5/8	K-55	24#	34 joints	1400' KB	
4.					
5.					
6.					

Geological Tops *Sommet des formations*	Elevation — *Profondeur* Depths *Sous le niveau du sol*	Sub-Sea *Sous le niveau de la mer*
Hume	Spudded in Hume	
Headless	259'	
Landry L. S.	312'	
Arnica	348'	
Reverse Fault		
Hume	548'	
Headless	626'	
Landry	679'	
Arnica	716'	
Bear Rock	893'	
Dettrital	1639'	
Mount Kindle	1675'	
Chert	1950'	
Reverse Fault		
Bear Rock	2950'	
Mount Kindle	3695'	
Cherty Unit	4150'	

Core Record — *Carottes*

From — *de*	To — *à*	Rec. *Récupérées*	From — *de*	To — *à*	Rec. *Récup.*
1675	1692	5			
1693	1701	5			

Log Record — *Diagrammes*

Run *Série*	Type of Log *Genre de diagramme*	From — *De*	To — *À*
2/15/72	Gamma Sonic Caliper	315	Surface
2/15/72	Dual Ind. Lat.	1400	Surface
2/15/72	BHC Sonic	1400	Surface
2/15/72	Density	1400	Surface
2/15/72	SNP	1400	Surface
2/15/72	Dipmeter	1400	Surface
3/15/72	D.I.L.	4510	1400
3/15/72	BHC Gamma - Caliper	4510	1400
3/15/72	SNP Gamma - Caliper	4510	1400
3/15/72	4 arm high resolution dipmeter	4510	1400

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAY 29 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMY BRANCH

52-90-2 (7-71)

CEMENTING RECORD (Plug, Squeeze, etc.) / CIMENTATION (Bouchon, sous pression, etc.)

Date	From – de	To – à	Remarks – Remarques
3/16/72	T.D.	4400	50 sxs (Neat+2%CaCl) No feel
3/16/72	3050	2850	90 sxs (Neat+2%CaCl) Felt
3/16/72	1450	1350	45 sxs (Neat+2%CaCl) Felt

PERFORATING RECORD (Bullet, Jet) / PERFORATION (à balles, à jet)

Date	From – de	To – à	Remarks – Remarques
			None

SERVICING RECORD (Acidizing, Fracing, etc.) / ENTRETIEN (acidification, fracturation, etc.)

Date	From – de	To – à	Remarks – Remarques
			None

DRILL STEM TESTS – ESSAIS AUX TIGES

No. – N°	Date	Formation	From – de	To – à	V.O. Mins. Vanne ouverte (minutes)	I.S.I. Mins. Première obturation (minutes)	F.S.I. Mins. Obturation définitive (minutes)	I.S.I.B.H.P. Pression de fond à la 1re obturation	F.S.I.B.H.P. Pression de fond à l'obturation définitive	I.F.B.H.P. Pression de fond au jaillissement	F.F.B.H.P. Pression de fond à l'écoulement définitif	L.H.P. Pression hydrostatique de début	F.H.P. Pression hydrostatique définitif	Remarks – Remarques
1	2/22/72	Arnica	700'	820	120	30	90	201	185	32	108	323	301	
2	3/3/72	Mt. Kindle	1640	1770	100	30	200	715	698	491	691	749	753	
3	3/5/72	Mt. Kindle	2030	2105	60	45	60	57	78	57	66	911	911	
4	3/11/72	Mt. Kindle	3705	3780	90	30	120	1535	579	95	402	1621	1622	

ANALYSIS – ANALYSE

Lab. No. N° de laboratoire	Sample Échantillon	From – de	To – à	Source	Remarks – Remarques
None					

PRESENT STATUS OF WELL / ETAT ACTUEL DU PUITS

Oil Pétrole		(Interval)(Intervalle)
Gas Gaz		(Interval)(Intervalle)
Dry Sec	X	
Susp. Travaux sus.		

Company Société: Amoco Canada Petroleum Company Ltd.

Signed by Signé par: [signature]

Title Titre: Area Superintendent

Date: May 25, 1972

Forms to be prepared in duplicate and forwarded to the District Conservation Engineer.

Présenter les formules remplies à l'ingénieur en conservation du district.

CANADA

Drilling Authority No. 577

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well or Suspend Drilling

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to abandon, to suspend drilling:—

Name and number of well Amoco et al A-1 Carcajou K-68

Location: Unit K Section 68 Grid 65° 40' N, 128° 0' W

Latitude 65° 37' 42" N Longitude 128° 12' 23" W

From Established Reference Marker

Universal Well Location Reference 65.62834° N Lat. 128.20638° W Long.

Permit No. 4382 Lease No. N/A

General Crude Oil Company, Alberta Limited
and Trans Ocean Oil Canada Limited
(Permittee, Licencee, Lessee)

Date of commencement of proposed program March 16, 1972

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at

Gas at

Water at Intervals 1640-1770 and 3705-3780 (DST Recovery)

Total Depth 4515 Ft. Date of last operations March 17, 1972

Present condition of well Abandoned

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 20"	94#	32'	49'	40 sx plus 2% CaC12	
2. 13 3/8"	54.5#	8 joints	312'	438 sx	
3. 8 5/8"	24#	34 joints	1400'	200 sx	
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	4400-TD	Cherty Unit	50 sx	No Feel
2	2850-3050	Chert and Bear Rock	90 sx	Felt
3	1350-1450	Bear Rock	45 sx	Felt

The following logs have been run Gama Sonic Cal., D.I.L., BHC Sonic, Density, SNP, Dipmeter

Other operations proposed

Operations to be carried out by Petrolia Oilwell Drilling Contractor Licence No. 0165

Address Address

Responsible Agent in field J. W. Savage

Dated at Grande Prairie, Alberta, this 20 Day of April 19 72

Signed by Wm. T. McKenzie Company Amoco Canada Petroleum Co. Ltd.

Title for Area Superintendent Operator's Exploratory Licence No. 1431

Note:—The District Conservation Engineer's office must be notified before work is commenced.

(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:

Dated April 27, 19 72 District Conservation Engineer

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 25 1972
YELLOWKNIFE, N.W.T.

IAND 52-90-5 (7-71)

Forms to be submitted in triplicate to District Conservation Engineer, Department of Indian Affairs and Northern Development.

Drilling Authority No. ....577.....
Project No. .....

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

OIL AND MINERAL DIVISION

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill:–

Name and number of well ..Amoco.et.al.A-1.Carcajou.K-68.....

Location: Unit .....K..... Section .....68..... Grid 65°40'N, 128°0'W....
Latitude...65°37'42"N..... Longitude ...128°12'23"W.....
Unique Well Identifier...300K686540128000.....
Universal Well Location Reference...Lat. 65.62834° N...Long. 128.20638° W.

Elevation: Ground .....700..... K.B. .....N/A.....717..... feet above sea-level.
Well is expected to produce from ...Arnica.and.Mt..Kindle..... formation at a depth of about...410.and.1260..... feet. Expected total final depth ...4500.....
Area assigned to well .....Wildcat.....
(for District Conservation Engineer's use only)

.....

Permit No. .....4382..... Lease No. .....N/A..... Acreage ....26,449.....
Permittee, licensee, or lessee ...General.Crude Oil Company, Alberta.Ltd. & Trans.Ocean Lic. 1940 Oil Canada Ltd. Lic. 1949
Explanatory Licence No. .....
Surface owned by Crown ..... Crown.....
(If alienated submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by ...Crown.....
We propose to use the following strings of casing, either cementing or landing them as indicated below:–

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. ....13.3/8....	...54.5...	.....K-55.....	.....New.....	....200...	To.Surface
2. .....8.5/8....	...24.....	.....K-55.....	.....New.....	..0.-.800.	As.Req'd..
3. .....5.1/2....	...15.5.....	.....K-55.....	.....New.....	..0.-.4500	As.Req'd..
4. .....2.7/8....	....6.4...	.J-55.8.Acme...	.....New.....	..0.-.4500	....-.....
5.	.....	.....	.....	.....	.....

Expected water, gas, and oil horizons and type of control equipment...Mt..Kindle.(Oil.and/or.Gas)...
.....Drilling.Mud.&.Blowout.Preventors.....
.....1.Hydril.&.1.Double.Gate.Schaffer.Hydril.with.remote.control.....
.....
Well will be drilled with Rotary Rig No. ...7..... by .Petrolia.Oilwell.Drilling.Limited....
(Drilling Contractor or company)

.....

Responsible agent of applicant:– Contractor's Business Licence No. .....0165.....
At well..J..W..Savage..... At registered office.....Same.....
Address .9916A.-.Richmond.AvenueG.P. Address .....Same.....
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at .Grande.Prairie....., this .....2.... day of ...February.....1972.
Signed by .....Wm.T.McKnight..... Company .Amoco.Canada.Petroleum.Co..Ltd.
Title ...for..Area.Foreman..... Operator's Licence No. ...1431.....

(For Oil and Mineral Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:
.Please.see.attached.sheet.for.conditions.....
.....
.....
Dated. February.8...1972. .....
District Conservation Engineer

Forms to be submitted to District Conservation Engineer, Department of Indian Affairs and Northern Development.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
Voir au verso
FEB – 4 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

IAND 52-90-1 (7-71)

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 577
FOR Amoco et al A-1 Carcajou K-68

1. Copies of this Drilling Authority shall be exhibited at the Drilling Rig in both the Doghouse and the Drilling Foreman's Office between spud and rig release dates.

2. The Company will submit to this office on Tuesday of each week, a Progress Report on the well. The Oil Conservation Engineer may request more frequent reports.

3. All waste materials shall be disposed of in a manner that will prevent pollution to adjacent areas.

4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.

5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.

6. All shows (small or large) of oil and gas are to be reported immediately.

G. E. Blue,
District Conservation Engineer,
Box 1500,
Yellowknife, N.W.T.

Bus. Phone 873-4421
Res. Phone 873-3028

DRILLING AUTHORITY No. 577

WELL BULLETIN - - CANADA LANDS

OIL AND MINERAL DIVISION

DATE: Feb. 7, 1972.

Date Drilling Authority Issued: February 2, 1972.

Permit No.: 4382

Company: Amoco Canada Petroleum Co. Ltd.

Well Name: Amoco et al A-1 Carcajou K-68

Location: Lat. 65°37'42" N Long. 128°12'23" W

Co-ordinates: Unit: K Section: 68 Grig: 65°40'N 128°00' W

Universal Well Location Reference: 65.62834° N 128.20638° W

Unique Well Identifier: 300K686540128000

Field: Wildcat

Ground Elevation: 700'

Projected Depth: 4500'

Contractor: Petrolia Oilwell Drilling Limited Rig No. 7

MAIL TO:

Oil & Gas Journal
Petroleum Information Exchange
Oilweek
Daily Oil Bulletin
Well Information Services
Northwestern District Oil Scouts
~~Xxxxxxxxxxx~~
G. B. Armstrong
D. Bohun
M. Thomas

G.E. Blue,
Oil Conservation Engineer,
Department of Indian Affaris and
Northern Development,
Oil and Mineral Division,
P.O. Box 1500,
YELLOWKNIFE, N.W.T.

GEOLOGICAL PROGNOSIS

AMOCO ET AL A-1 CARCAJOU K-68

Formation Tops	Depths
Devonian	
Hume	Spud
Landry	330
Arnica	410
Bear Rock	570
Siluro-Ordovician	
Detrital	1220
Ronning	
Mt. Kindle	1260
Cherty Unit	1620
Rhythmic - Cyclic Unit	2600
Cambrian	
Saline R.	3970

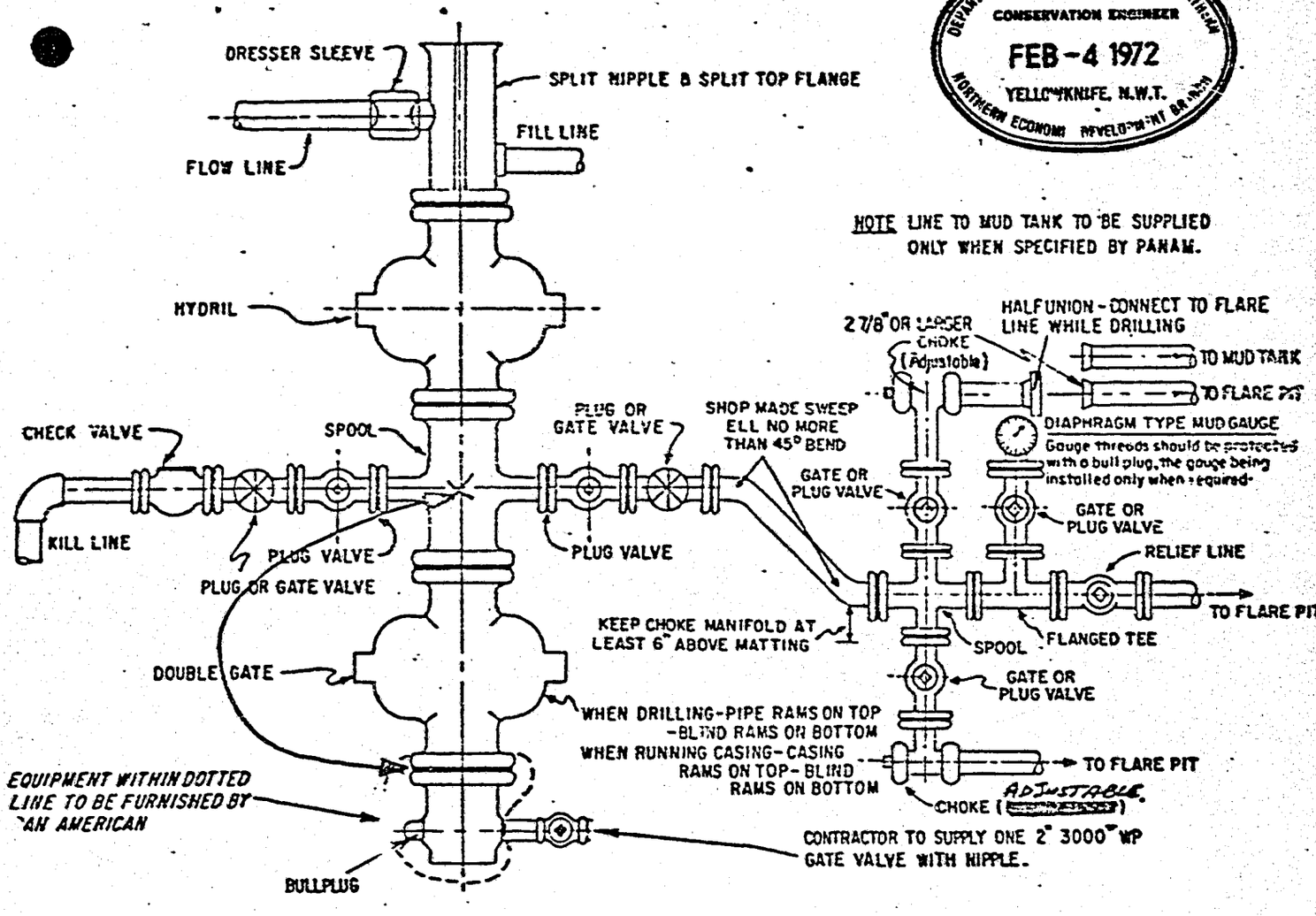
Note: Contract depth is to Cambrian prognosticated at 3970' or 4500' whichever first encountered. Top Cambrian salt estimated at 4980' but may be shallower due to flowage and could be encountered above 4500'.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB - 4 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

B·O·P· ARRANGEMENT "A"

REVISED SEPT. 16th, 1954

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
FEB - 4 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH



1. Both preventors to be hydraulically operated from an accumulator which will open and close hydril at least twice without recharging.
2. Equipment through which bit must pass must have at least as large ID as casing being drilled through.
3. Kill line and choke connections must be 2" or larger nominal diameter and must be interchangeable with fill line so that kill line can be connected to the standpipe by breaking a union on the fill line and connecting it to an interchangeable union on kill line. Kill line NOT to be used as fill line.
4. A Kelly cock must be use on Kelly.
5. A drill pipe safety valve equivalent to Shaffer Model 55 must be available on the rig floor at all times with proper connections or subs.
6. All equipment mentioned above must be 3000# working pressure or stronger.
7. Two 2" diameter or larger and one 2-7/8" or larger bleed-off lines to be installed without additional fittings or angular bends from chokes to flare pit and shall be securely staked down. Line from adjustable choke to be supplied with half union so that it can be connected to line into mud tank or to flare pit. Floor manifold can be tied into flare line from adjustable choke for Drill Stem Tests if line is tested to 1000 psi.
8. Spool between preventors and spool on choke manifold should be rotated to make lines as straight as possible and allow good access to controls.
9. (a) No screwed, nor screwed and welded, connections will be used upstream from the chokes or relief line valve.
   (b) No screwed, nor screwed and welded, connections will be used on or upstream from the check valve on the kill line.

LYNES UNITED SERVICES LTD.

WELL NAME - AMOCO ET AL A-1 CARCAJOU

LOCATION - K-68

DST NUMBER - 1

INTERVAL TESTED - 700 TO 820

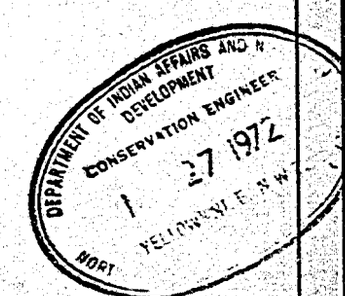
RECORDER NO. - 966

DEPTH - 719

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	32
3	2.6667	169
6	1.8333	179
9	1.5556	186
12	1.4167	191
15	1.3333	194
18	1.2778	196
21	1.2381	198
24	1.2083	199
27	1.1852	200
30	1.1667	201

EXTRAPOLATION OF INITIAL SHUT-IN = 208.90



LYNES UNITED SERVICES LTD.

WELL NAME - AMOCO ET AL A-1 CARCAJOU

LOCATION - K-68

DST NUMBER - 1

INTERVAL TESTED - 700 TO 820

RECORDER NO. - 966

DEPTH - 719

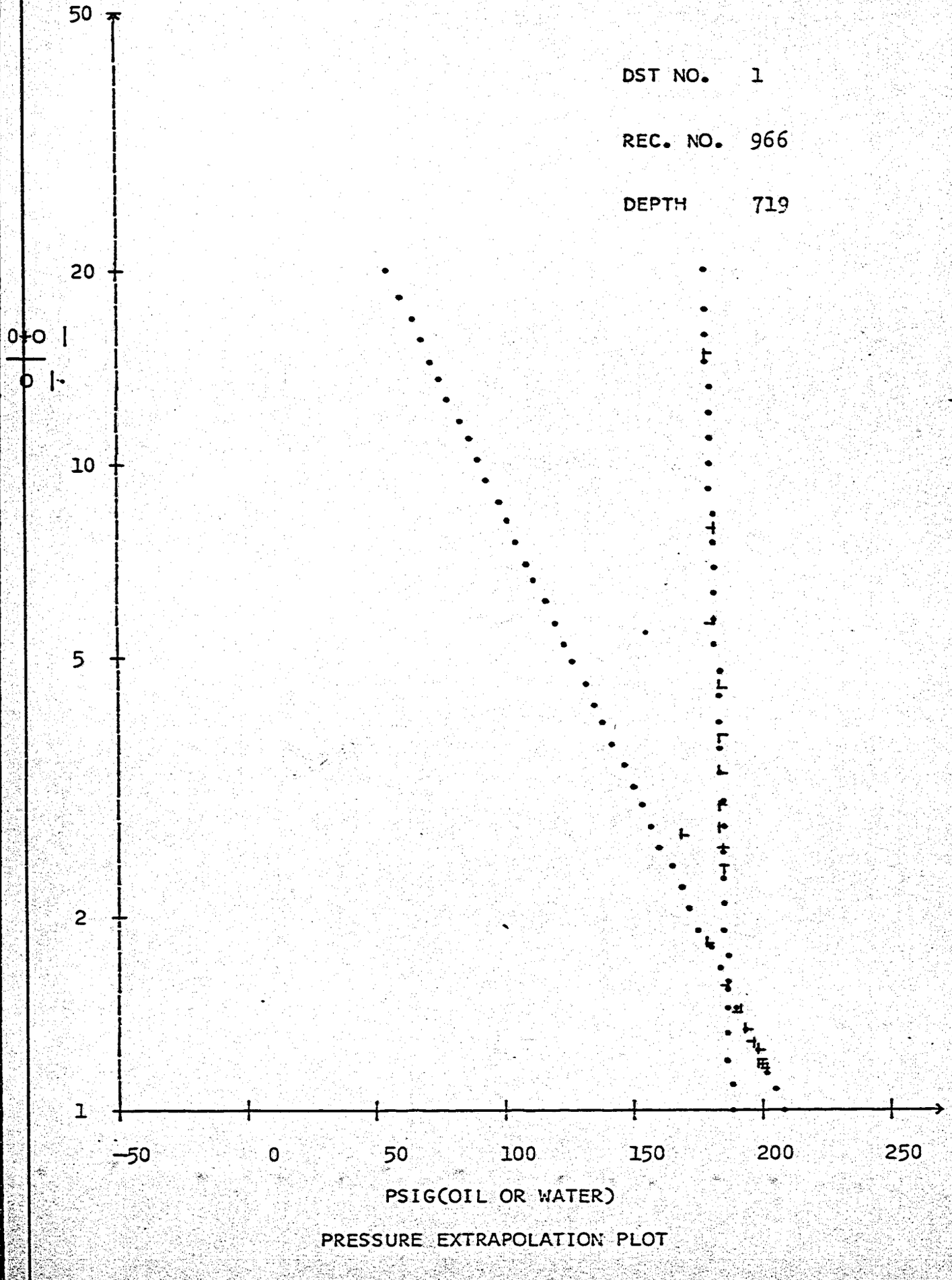
SECOND SHUT IN PRESSURE

TIME(MIN) Φ	(T + Φ)/Φ	PSIG
0	0.0000	108
9	14.8889	179
18	7.9444	181
27	5.6296	182
36	4.4722	184
45	3.7778	184
54	3.3148	184
63	2.9841	184
72	2.7361	184
81	2.5432	185
90	2.3889	185

EQUATION OF FITTED LINE IS LOG((T0+Φ)/Φ)= -0.13101 PSIG + 24.61543

EXTRAPOLATION OF SECOND SHUT-IN = 187.89 M= 7.63

LYNES UNITED SERVICES LTD.



PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

TEST DATA					GENERAL INFORMATION	
Test No.	1	Lynes Test	1			
Formation	Arnica	T.D.	820	Ft.	Company	Amoco Canada Ltd.
Interval Tested	700 Ft. to	820		Ft.	Address	444 Seventh Avenue S.W.
Feet of Net Pay Tested	120			Ft.		Calgary, Alberta
Type of Test	Bottom Hole Conv.					
Cushion	Amount			Ft.	Well Name	Amoco et al A-1 Carcajou
Started in Hole at	7:00 Hrs.	Tool Open at	8:50	Hrs.	Well Number	K-68
Pre-Flow	5 Mins.	Initial Shut-in	30	Mins.	K.B. Elevation	Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in		Mins.	Area	Province
Final Flow	120 Mins.	Final Shut-in	90	Mins.	Company Rep.	
Remarks:					Tester	T. Armagost
					Contractor	Petrolia Rig No. 7
					Ticket No.	0812 Date Feb 22/72
Blow:	Very weak air blow on preflow.				Service Reports To:	
	Very weak air blow on final flow.					9 - above address
	Steady throughout.					

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA	
Mud Type	Gel Chem
Weight 8.6	Viscosity 45 Water Loss
Filter Cake	2/32" Bottom Hole Temperature 92
Drill Pipe Size	3 1/2" H90 Weight
Drill Collars	4 1/2&5" I.D. 2 7/8" Feet Run
Main Hole or Casing Size	12 1/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	1"
Packer Rubber Size	11 x 24"
REMARKS	Shut-in pressures suggest high permeability within the interval tested. Recorder 902 staging.

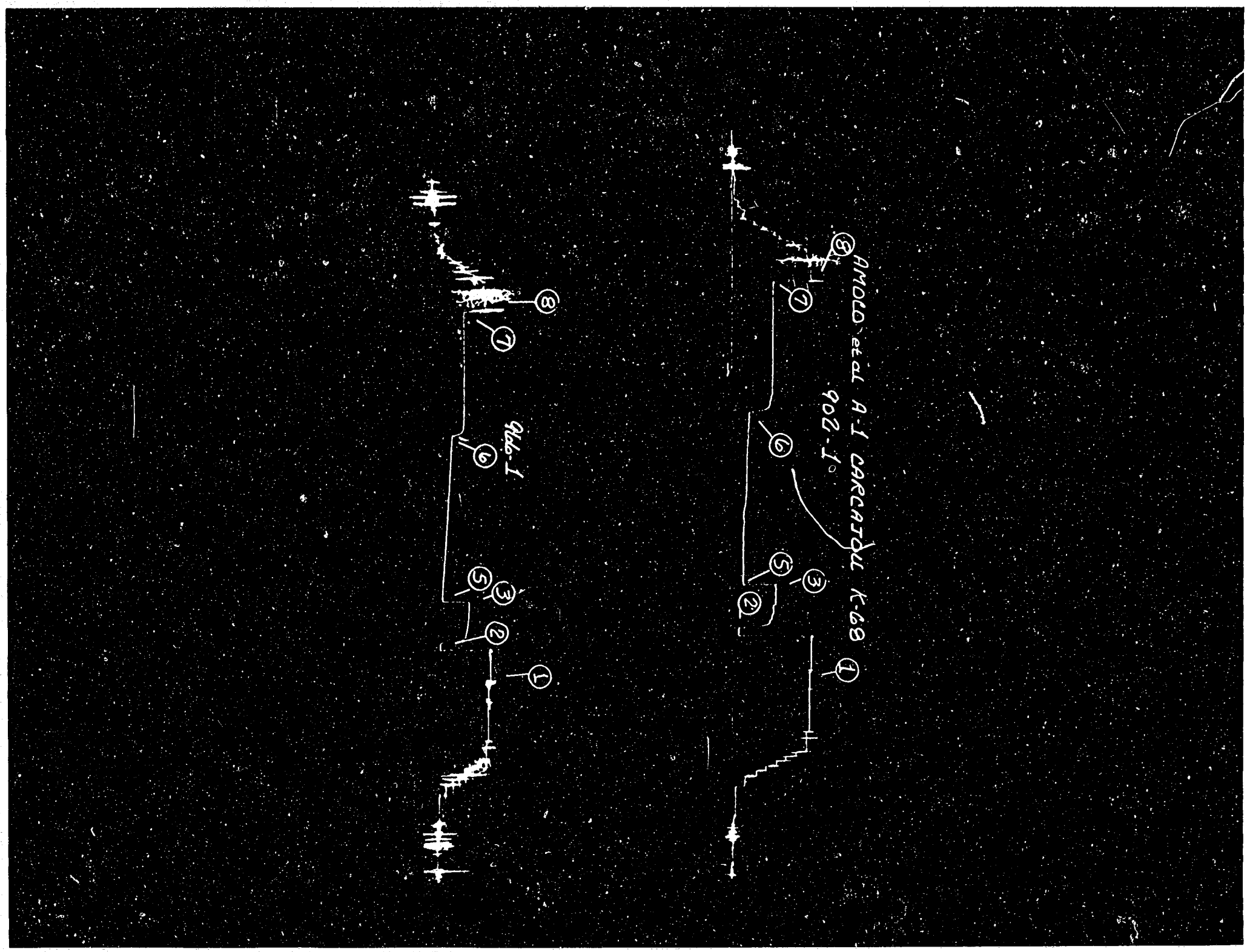
RECOVERY	
TOTAL FLUID RECOVERED	140 Ft. Consisting of:
20 Ft. of	drilling fluid
120 Ft. of	sulphurous brackish water
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS				
	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside ___	Inside ___ Outside ___
	Recorder No. 902	Recorder No. 966	Recorder No.	Recorder No.
	Capacity 3300	Capacity 5040	Capacity	Capacity
	Depth 714	Depth 719	Depth	Depth
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	309	323		
2 - PRE-FLOW	28	32		
3 - INITIAL SHUT-IN	174	201		
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	46	49		
6 - FINAL FLOW	70	108		
7 - FINAL SHUT-IN	163	185		
8 - FINAL HYDROSTATIC	298	301		

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

Amoco Canada Pet. Ltd. — Company
Amoco et al A-1 Carcajou K-68 — Well Name and Description
#1 — Test No.
Feb 22/72 — Date of Test

MADE IN CANADA THE I·C LINE NO. 2721R MADE IN CANADA THE I·C LINE NO. 2721R MADE IN C



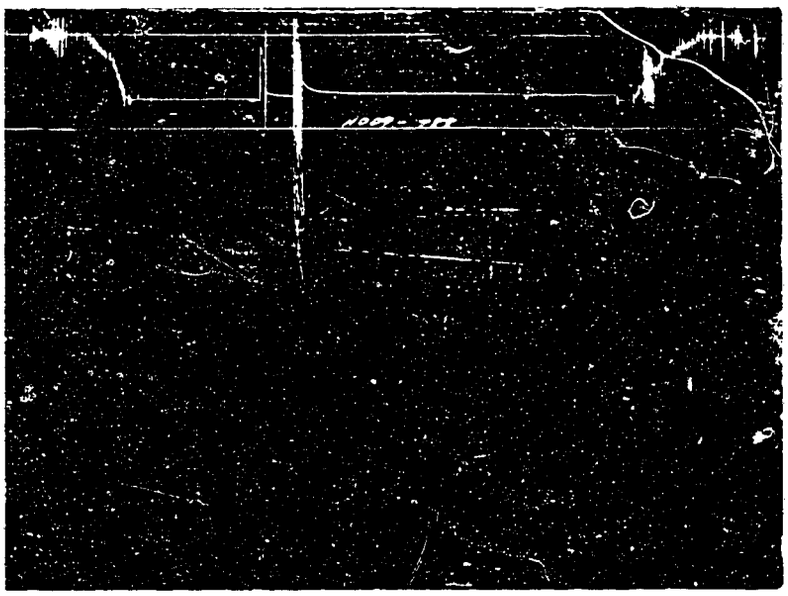
EQUIPMENT DATA

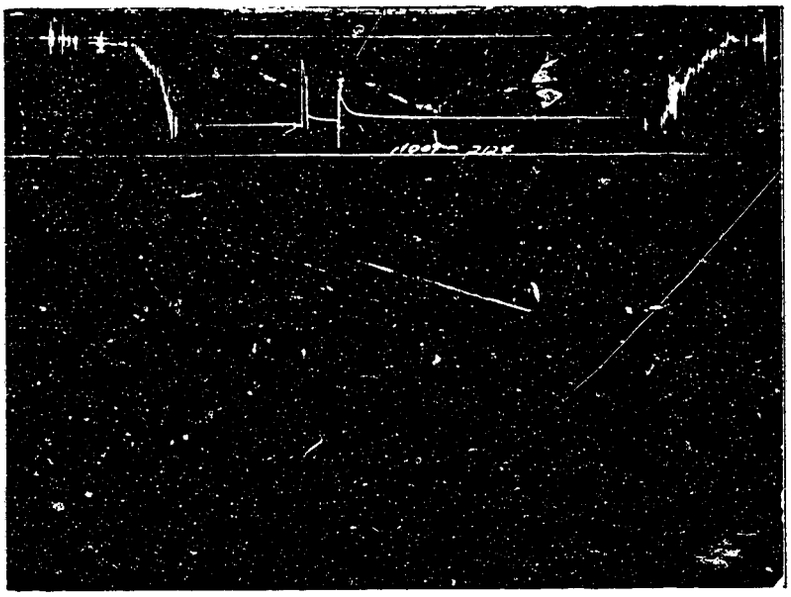
	OD	LENGTH
Reversing Sub	6"	1'
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters	6 1/4"	554.03
Handling Sub & Choke		
Dual CIP Valve	5"	6'
Dual CIP Sampler		
Hydrospring Tester	5"	5'
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5"	4'
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5"	5'
VR Safety Joint	5"	3'
Equalizing Crossover		
Packer Assembly	7"	6'
DEPTH		
Distributor		
Packer Assembly	7"	6'
DEPTH		1640
Flush Joint Anchor & Equalizing Tube	5"	11'
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder		
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters	6 1/4	115.30'
Flush Joint Anchor		
Blanked-Off BT Case	5"	4'
DEPTH		1770

PRESSURE

TIME

Each horizontal line equal to 1000 psi





Halliburton SERVICES LIMITED

FORMATION TESTING
DATA SHEET

REFER TO INVOICE NO 11009

HALLIBURTON DISTRICT: Fort St. John

JOB DATE: March 3, 1972

OWNER OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

PRESSURE DATA

	TOP	CENTRE	BOTTOM
GAUGE NUMBER	788		2124
GAUGE DEPTH	1617		1766
PACKED OFF	~~YES~~ NO	YES NO	YES ~~NO~~
HOUR CLOCK TRAVEL	12 hr.		12 hr.
INITIAL HYDROSTATIC	689		749
FIRST FLOW INITIAL	129		202
FIRST FLOW FINAL	337		400
FIRST CLOSED IN	660		715
SECOND FLOW INITIAL	427		491
SECOND FLOW FINAL	638		691
SECOND CLOSED IN	644		698
THIRD FLOW INITIAL			
THIRD FLOW FINAL			
THIRD CLOSED IN			
FINAL HYDROSTATIC	696		753

TYPE OF TEST: Dual Bottom Hole	TESTER: J. Sears	EMPL. NO.: 263
WITNESS: R. Hansen	DRILLING CONTRACTOR: Petrolia	

EQUIPMENT AND WELL DATA

FORMATION TESTED: Mt. Kindkell	GAUGE DEPTH ____ of MEAS. of EST. TEMPERATURE: 90
NET PRODUCTIVE THICKNESS ____ FT.	MUD TYPE: Water
K B ELEVATION: 717	MUD WEIGHT: 8.3 MUD VISC.: 29
ALL DEPTHS MEASURED FROM: ☑ KB ☐ GROUND	~~CASING OR~~ HOLE SIZE: 7 7/8"
PACKER DEPTHS TOP: ____ BOTTOM: 1640	RATHOLE SIZE: Nil
DEPTH OF TESTER VALVE: 1606	DRILL PIPE OD: 4" WEIGHT: 15.3
CASING PERFORATED INTERVAL: Nil	DRILL COLLARS ABOVE TESTER ID: 2 7/8" LENGTH: 550'
TOTAL DEPTH: 1770	SURFACE CHOKE: Nil
AMOUNT AND TYPE CUSHION: Nil	BOTTOM CHOKE: 5/8"

FLUID SAMPLER DATA

SAMPLER PRESSURE AT SURFACE ____ PSIG

RECOVERY: C.C. OIL ____ CU.FT. GAS ____

C.C. WATER ____

C.C. MUD ____

TOTAL LIQUID C.C. ____

SAMPLE SHIPPED TO LABORATORY: YES ☐ NO ☐

OIL GRAVITY ____ API @ ____ °F

GAS/OIL RATIO ____ CU.FT/BBL.

	RESISTIVITY/REFRACTOMETER/SP. GR. READING @ °F	CHLORIDE CONTENT
RECOVERY WATER		PPM
RECOVERY MUD FILTRATE		PPM
MUD PIT SAMPLE FILTRATE		PPM

TIME PERIODS

	FIRST	SECOND	THIRD		AM	PM
FLOW	5	100		TESTER OPENED	7:35	
CLOSED IN	30	200		PACKER UNSEATED		1:10

LIQUID RECOVERY DATA

FEET	DESCRIPTION OF LIQUID
1362	Fresh Water
1362	TOTAL LIQUID RECOVERY

GAS FLOW RATE DATA

TYPE OF INSTRUMENT: ☐ CRITICAL FLOW PROVER ☐ PITOT TUBE ☐ ORIFICE WELL TESTER ☐ SIDE STATIC

FLOW TIME	INSTRUMENT PRESSURE "WATER	"MERC.	PSI	ORIFICE SIZE	GAS TEMP.	GAS RATE MCFD @ 60°F

REMARKS: Good strong air blow during first flow. Strong air blow. Flow decreasing to weak in 40 mins. of second flow. Dead in 60 mins.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

COMPANY: AMOCO CANADA PETROLEUM CO LTD.

LEGAL DESCRIPTION: 650 37' N 1280 12' W

PROVINCE OR TERRITORY: N.W.T.

FIELD OR AREA: CARCAJOU R.

TEST NUMBER: 2

WELL NAME AND NUMBER: AMOCO ET AL A-1 CARCAJOU K-68

TESTED INTERVAL: 1640 - 1770

FORM 366R

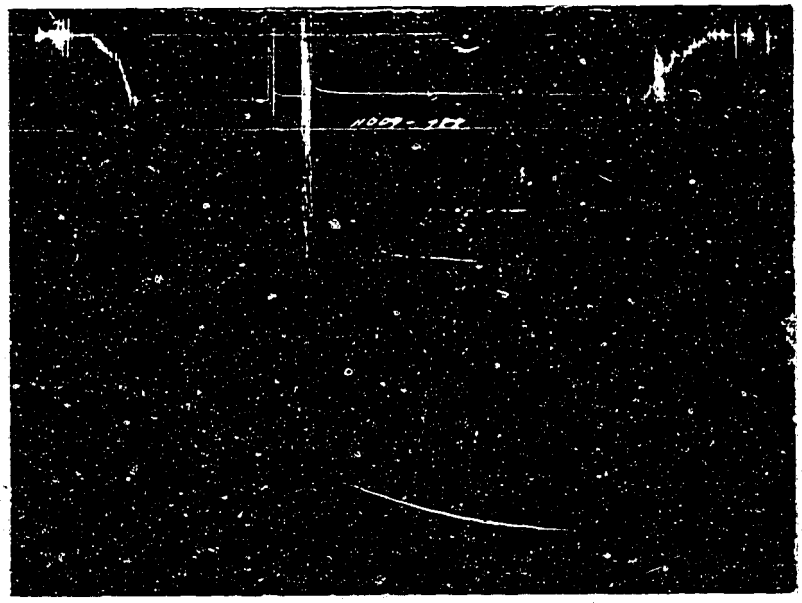
EQUIPMENT DATA

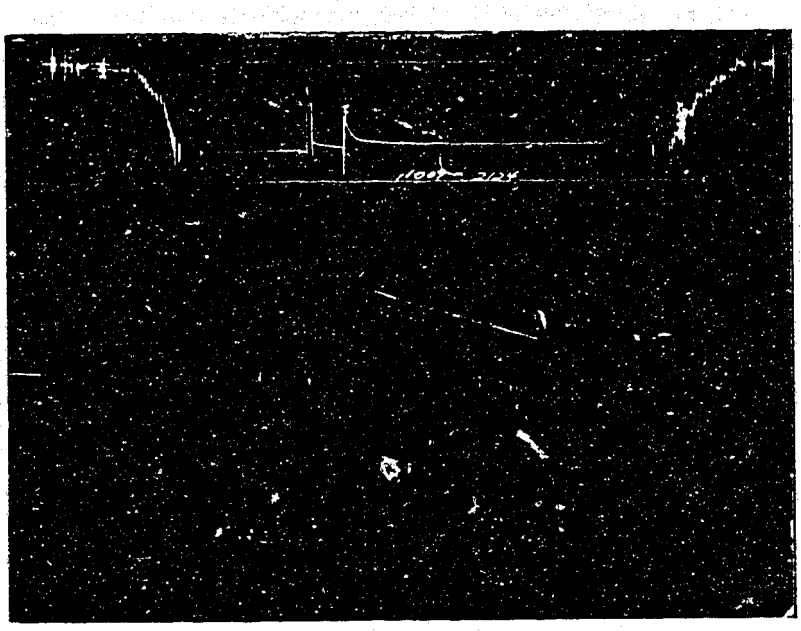
	OD	LENGTH
Reversing Sub	6"	1'
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters	6 1/4"	554.03
Handling Sub & Choke		
Dual CIP Valve	5"	6'
Dual CIP Sampler		
Hydrospring Tester	5"	5'
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5"	4'
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5"	5'
VR Safety Joint	5"	3'
Equalizing Crossover		
Packer Assembly	7"	6'
DEPTH		
Distributor		
Packer Assembly	7"	6'
DEPTH		1640
Flush Joint Anchor & Equalizing Tube	5"	11'
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder		
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters	6 1/4	115.30'
Flush Joint Anchor		
Blanked-Off BT Case	5"	4'
DEPTH		1770

PRESSURE

TIME

Each horizontal line equal to 1000 psi





Halliburton SERVICES LIMITED

FORMATION TESTING
DATA SHEET

REFER TO INVOICE NO. 11009

HALLIBURTON DISTRICT: Fort St. John

JOB DATE: March 3, 1972

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

PRESSURE DATA

	TOP	CENTRE	BOTTOM
GAUGE NUMBER	788		2124
GAUGE DEPTH	1617		1766
PLANKED OFF	YES/NO	YES/NO	YES/NO
HOUR CLOCK TRAVEL	12 hr.		12 hr.
INITIAL HYDROSTATIC	689		749
FIRST FLOW — INITIAL	129		202
FIRST FLOW — FINAL	337		400
FIRST CLOSED IN	660		715
SECOND FLOW — INITIAL	427		491
SECOND FLOW — FINAL	638		691
SECOND CLOSED IN	644		698
THIRD FLOW — INITIAL			
THIRD FLOW — FINAL			
THIRD CLOSED IN			
FINAL HYDROSTATIC	696		753

TYPE OF TEST: Dual Bottom Hole	TESTER: J. Sears — EMPL. NO.: 263
WITNESS: R. Hansen	DRILLING CONTRACTOR: Petrolia

EQUIPMENT AND WELL DATA

FORMATION TESTED: Mt. Kindkell	GAUGE DEPTH ____ °F MEAS. TEMPERATURE 90 °F EST.
NET PRODUCTIVE THICKNESS ____ FT.	MUD TYPE: Water
K B ELEVATION: 717	MUD WEIGHT: 8.3 MUD VISC.: 29
ALL DEPTHS MEASURED FROM: ☑ KB ☐ GROUND	~~CASING OR~~ HOLE SIZE: 7 7/8"
PACKER DEPTHS — TOP: ____ BOTTOM: 1640	RATHOLE SIZE: Nil
DEPTH OF TESTER VALVE: 1606	DRILL PIPE — OD: 4" WEIGHT: 15.3
CASING PERFORATED INTERVAL: Nil	DRILL COLLARS ABOVE TESTER — ID: 2 7/8" LENGTH: 550'
TOTAL DEPTH: 1770	SURFACE CHOKE: Nil
AMOUNT AND TYPE CUSHION: Nil	BOTTOM CHOKE: 5/8"

FLUID SAMPLER DATA

SAMPLER PRESSURE AT SURFACE ____ PSIG

RECOVERY: C.C. OIL ____ CU.FT. GAS ____

C.C. WATER ____

C.C. MUD ____

TOTAL LIQUID C.C. ____

SAMPLE SHIPPED TO LABORATORY: YES ☐ NO ☐

OIL GRAVITY ____ API @ ____ °F

GAS/OIL RATIO ____ CU.FT./BBL.

RESISTIVITY/REFRACTOMETER/SP. GR. READINGS			CHLORIDE CONTENT
RECOVERY WATER	@ ____ °F		____ PPM
RECOVERY MUD FILTRATE	@ ____ °F		____ PPM
MUD PIT SAMPLE FILTRATE	@ ____ °F		____ PPM

TIME PERIODS

	FIRST	SECOND	THIRD		AM	PM
FLOW	5	100		TESTER OPENED	7:35	
CLOSED IN	30	200		PACKER UNSEATED		1:10

LIQUID RECOVERY DATA

FEET	DESCRIPTION OF LIQUID
1362	Fresh Water
1362	TOTAL LIQUID RECOVERY

RECOVERED FROM TESTER VALVE

GAS FLOW RATE DATA

TYPE OF INSTRUMENT: ☐ CRITICAL FLOW PROVER ☐ PITOT TUBE ☐ ORIFICE WELL TESTER ☐ SIDE STATIC

FLOW TIME	INSTRUMENT PRESSURE "WATER	"MERC.	PSI	ORIFICE SIZE	GAS TEMP.	GAS RATE MCFD @ 60°F

REMARKS: Good strong air blow during first flow. Strong air blow. Flow decreasing to weak in 40 mins. of second flow. Dead in 60 mins.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

LEGAL DESCRIPTION: 650 37' N 128° 12' W

COMPANY: AMOCO CANADA PETROLEUM CO LTD.

PROVINCE OR TERRITORY: N.W.T.

FIELD OR AREA: CARCAJOU R.

TEST NUMBER: 2

WELL NAME AND NUMBER: AMOCO ET AL A-1 CARCAJOU K-68

TESTED INTERVAL: 1640 - 1770

EQUIPMENT DATA

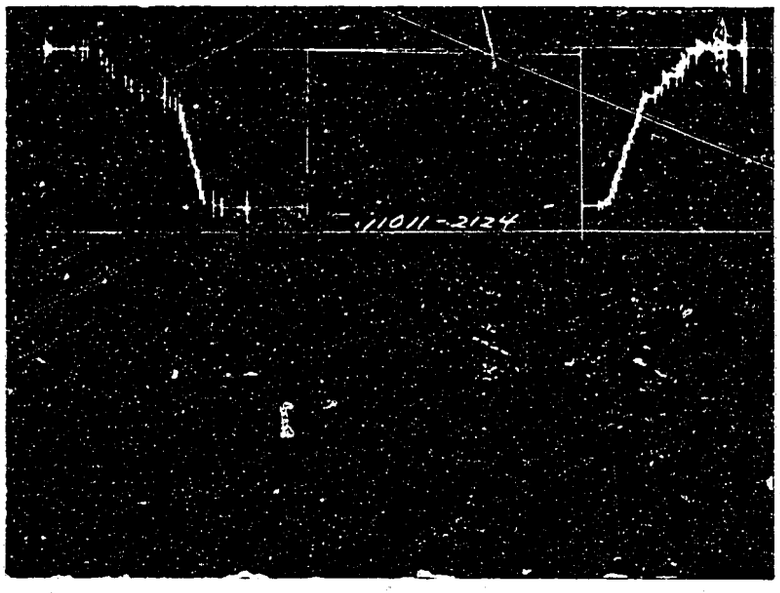
	OD	LENGTH
Reversing Sub		
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters		
Handling Sub & Choke		
Dual CIP Valve	5"	6'
Dual CIP Sampler		
Hydrospring Tester	5"	5'
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5"	4'
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5"	5'
VR Safety Joint	5"	3'
Equalizing Crossover		
Packer Assembly	7"	6'
DEPTH		
Distributor		
Packer Assembly	7"	6'
DEPTH		2030
Flush Joint Anchor & Equalizing Tube	5"	13'
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder	5"	5'
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters	6 1/4"	57'
Flush Joint Anchor		
Blanked-Off BT Case	5"	4'
DEPTH		2105

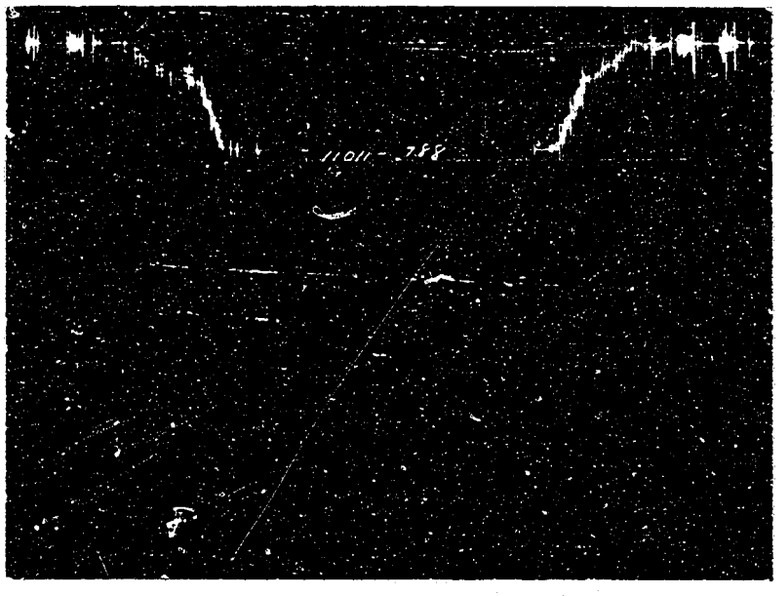
FORM 344A

PRESSURE

TIME

Each horizontal line equal to 1000 psi





TEMPERATURE RECORD

Each concentric line equals 10° F. Temperature increases outwardly

Ticket No 11011

Temperature Range °F

70 °F to 170 °F

A to B — Initial CIP

B to C — 2nd Flow

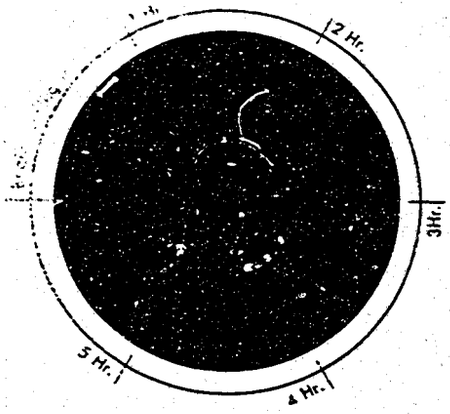
C to D — Final CIP

A _____ °F

B _____ °F

C MAX °F

D 75 °F



FORM 418

Halliburton SERVICES LIMITED

FORMATION TESTING
DATA SHEET

REFER TO INVOICE NO. 11011

HALLIBURTON DISTRICT: Fort St. John

JOB DATE: March 5, 1972

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

PRESSURE DATA

		TOP	CENTRE	BOTTOM
GAUGE NUMBER		2124		788
GAUGE DEPTH		2006		2101
PLANKED OFF		YES/NO	YES/NO	YES/NO
HOUR CLOCK TRAVEL		12 hr.		12 hr.
INITIAL HYDROSTATIC		865		911
FIRST FLOW	INITIAL	4		47
	FINAL	4		47
FIRST CLOSED IN		14		57
SECOND FLOW	INITIAL	14		57
	FINAL	27		66
SECOND CLOSED IN		39		78
THIRD FLOW	INITIAL			
	FINAL			
THIRD CLOSED IN				
FINAL HYDROSTATIC		865		911

TYPE OF TEST	TESTER	EMPL. NO.
Dual Bottom Hole	J. Sears	263
WITNESS	**DRILLING CONTRACTOR**	
R. Hansen	Petrolia #7	

EQUIPMENT AND WELL DATA

FORMATION TESTED: Mt. Kindell	GAUGE DEPTH: 75 °F MEAS. / °F EST. TEMPERATURE
NET PRODUCTIVE THICKNESS: FT.	MUD TYPE: Water
K B ELEVATION: 717	MUD WEIGHT: 8.3 MUD VISC.: 29
ALL DEPTHS MEASURED FROM: ☑ KB ☐ GROUND	HOLE SIZE: 7 7/8"
PACKER DEPTHS TOP: 2024 BOTTOM: 2030	RATHOLE SIZE: Nil
DEPTH OF TESTER VALVE: 1995	DRILL PIPE OD: 4" WEIGHT: 15.3
CASING PERFORATED INTERVAL: N/A	DRILL COLLARS ABOVE TESTER ID: 2 7/8" LENGTH: 483'
TOTAL DEPTH: 2105	SURFACE CHOKE: Nil
AMOUNT AND TYPE CUSHION: Nil	BOTTOM CHOKE: 5/8"

FLUID SAMPLER DATA

SAMPLER PRESSURE AT SURFACE _____ PSIG

RECOVERY: C.C. OIL _____ CU.FT. GAS _____

C.C. WATER _____

C.C. MUD _____

TOTAL LIQUID C.C. _____

SAMPLE SHIPPED TO LABORATORY: YES ☐ NO ☐

OIL GRAVITY _____ API @ _____ °F

GAS/OIL RATIO _____ CU.FT./BBL.

	RESISTIVITY/REFRACTOMETER/SP. GR. READING			CHLORIDE CONTENT
RECOVERY WATER		@	°F	PPM
RECOVERY MUD FILTRATE		@	°F	PPM
MUD PIT SAMPLE FILTRATE		@	°F	PPM

TIME PERIODS

	FIRST	SECOND	THIRD		AM	PM
FLOW	5	60		TESTER OPENED	7:00	
CLOSED IN	45	60		PACKER UNSEATED	9:50	

LIQUID RECOVERY DATA

FEET RECOVERED FROM TESTER VALVE	DESCRIPTION OF LIQUID
40	Drilling Water
40	TOTAL LIQUID RECOVERY

GAS FLOW RATE DATA

TYPE OF INSTRUMENT: ☐ CRITICAL FLOW PROVER ☐ PITOT TUBE ☐ ORIFICE WELL TESTER ☐ SIDE STATIC

FLOW TIME	INSTRUMENT PRESSURE "WATER	"MERC.	PSI	ORIFICE SIZE	GAS TEMP.	GAS RATE MCFD @ 60°F

REMARKS: Very weak initial puff. Very weak blow on second flow. No gas to surface.

COMPANY: AMOCO CANADA PETROLEUM CO. LTD.

LEGAL DESCRIPTION: 65° 37' N 128° 12' W

PROVINCE OR TERRITORY: N.W.T.

FIELD OR AREA: CARCAJOU R.

TEST NUMBER: 3

WELL NAME AND NUMBER: AMOCO ET AL A-1 CARCAJOU K-68

TESTED INTERVAL: 2030 - 2105

EQUIPMENT DATA

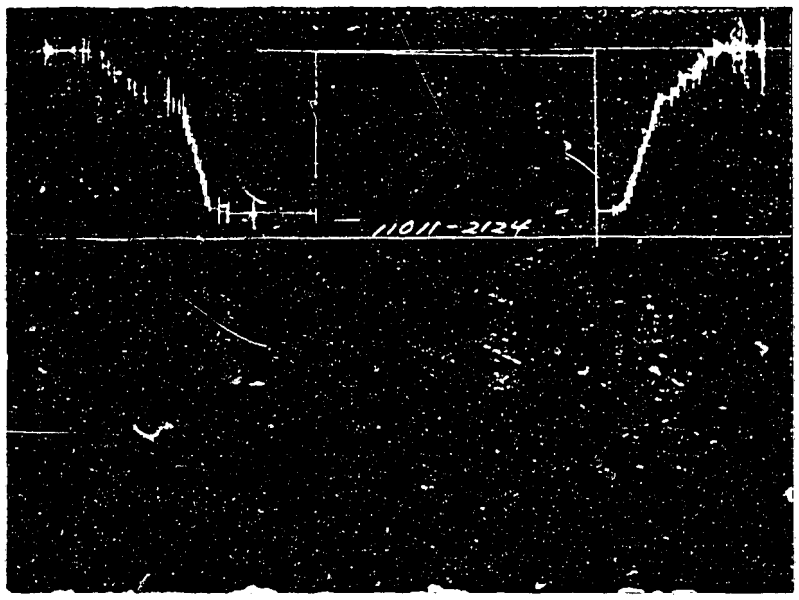
	OD	LENGTH
Reversing Sub		
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters		
Handling Sub & Choke		
Dual CIP Valve	5"	6'
Dual CIP Sampler		
Hydrospring Tester	5"	5'
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5"	4'
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5"	5'
VR Safety Joint	5"	3'
Equalizing Crossover		
Packer Assembly	7"	6'
DEPTH		
Distributor		
Packer Assembly	7"	6'
DEPTH		2030
Flush Joint Anchor & Equalizing Tube	5"	13'
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder	5"	5'
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters	6 1/4"	57'
Flush Joint Anchor		
Blanked-Off BT Case	5"	4'
DEPTH		2105

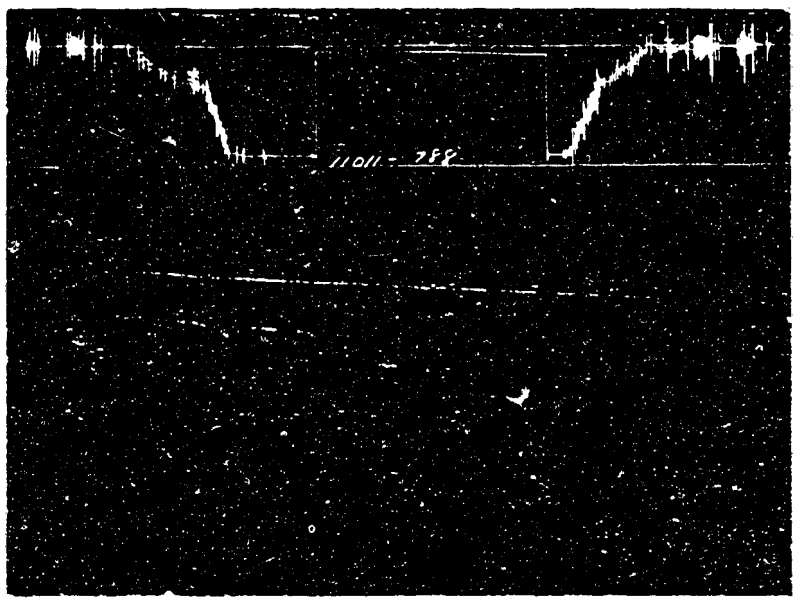
FORM 344A

PRESSURE

TIME

Each horizontal line equal to 1000 psi





TEMPERATURE RECORD

Each concentric line equals 10° F.
Temperature increases outwards
Ticket No 11011
Temperature Range

70 °F to 170 °F

A to B — Initial CIP

B to C — 2nd Flow

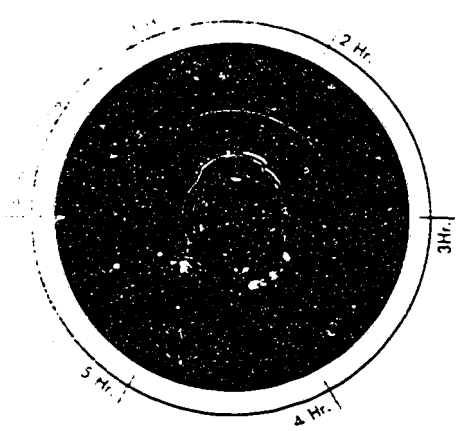
C to D — Final CIP

A _____ °F

B _____ °F

C MAX °F

D 75 °F



FORM 418

Halliburton SERVICES LIMITED

FORMATION TESTING
DATA SHEET

REFER TO INVOICE NO. 11011

HALLIBURTON DISTRICT: Fort St. John

JOB DATE: March 5, 1972

OWNER OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

PRESSURE DATA

	TOP	CENTRE	BOTTOM
GAUGE NUMBER	2124		788
GAUGE DEPTH	2006		2101
PACKED OFF	YES / NO	YES / NO	YES / NO
HOUR CLOCK TRAVEL	12 hr.		12 hr.
INITIAL HYDROSTATIC	865		911
FIRST FLOW — INITIAL	4		47
FIRST FLOW — FINAL	4		47
FIRST CLOSED IN	14		57
SECOND FLOW — INITIAL	14		57
SECOND FLOW — FINAL	27		66
SECOND CLOSED IN	39		78
THIRD FLOW — INITIAL			
THIRD FLOW — FINAL			
THIRD CLOSED IN			
FINAL HYDROSTATIC	865		911

TYPE OF TEST	Dual Bottom Hole
TESTER	J. Sears
EMPL. NO.	263
WITNESS	R. Hansen
DRILLING CONTRACTOR	Petrolia #7

EQUIPMENT AND WELL DATA

FORMATION TESTED: Mt. Kindell	GAUGE DEPTH: 75 °F MEAS. / °F EST. TEMPERATURE
NET PRODUCTIVE THICKNESS: FT.	MUD TYPE: Water
K B ELEVATION: 717	MUD WEIGHT: 8.3 MUD VISC.: 29
ALL DEPTHS MEASURED FROM: ☑ KB ☐ GROUND	HOLE SIZE: 7 7/8"
PACKER DEPTHS: TOP 2024 BOTTOM 2030	RATHOLE SIZE: Nil
DEPTH OF TESTER VALVE: 1995	DRILL PIPE: OD 4" WEIGHT 15.3
CASING PERFORATED INTERVAL: N/A	DRILL COLLARS ABOVE TESTER: ID 2 7/8" LENGTH 483'
TOTAL DEPTH: 2105	SURFACE CHOKE: Nil
AMOUNT AND TYPE CUSHION: Nil	BOTTOM CHOKE: 5/8"

FLUID SAMPLER DATA

SAMPLER PRESSURE AT SURFACE _____ PSIG

RECOVERY: C.C. OIL _____ CU.FT. GAS _____

C.C. WATER _____

C.C. MUD _____

TOTAL LIQUID C.C. _____

SAMPLE SHIPPED TO LABORATORY: YES ☐ NO ☐

OIL GRAVITY _____ API @ _____ °F

GAS/OIL RATIO _____ CU.FT/BBL.

	RESISTIVITY/REFRACTOMETER/SP. GR. READINGS	@ °F	CHLORIDE CONTENT
RECOVERY WATER			PPM
RECOVERY MUD FILTRATE			PPM
MUD PIT SAMPLE FILTRATE			PPM

TIME PERIODS

	FIRST	SECOND	THIRD		AM	PM
FLOW	5	60		TESTER OPENED	7:00	
CLOSED IN	45	60		PACKER UNSEATED	9:50	

LIQUID RECOVERY DATA

FEET RECOVERED FROM TESTER VALVE	DESCRIPTION OF LIQUID
40	Drilling Water
40	TOTAL LIQUID RECOVERY

GAS FLOW RATE DATA

TYPE OF INSTRUMENT: ☐ CRITICAL FLOW PROVER ☐ PITOT TUBE ☐ ORIFICE WELL TESTER ☐ SIDE STATIC

FLOW TIME	INSTRUMENT PRESSURE "WATER	"MERC.	PSI	ORIFICE SIZE	GAS TEMP.	GAS RATE MCFD @ 60°F

REMARKS: Very weak initial puff. Very weak blow on second flow. No gas to surface.

COMPANY: AMOCO CANADA PETROLEUM CO. LTD.

LEGAL DESCRIPTION: 65° 37' N 128° 12' W

PROVINCE OR TERRITORY: N.W.T.

FIELD OR AREA: CARCAJOU R.

TEST NUMBER: 3

WELL NAME AND NUMBER: AMOCO ET AL A-1 CARCAJOU K-68

TESTED INTERVAL: 2030 - 2105

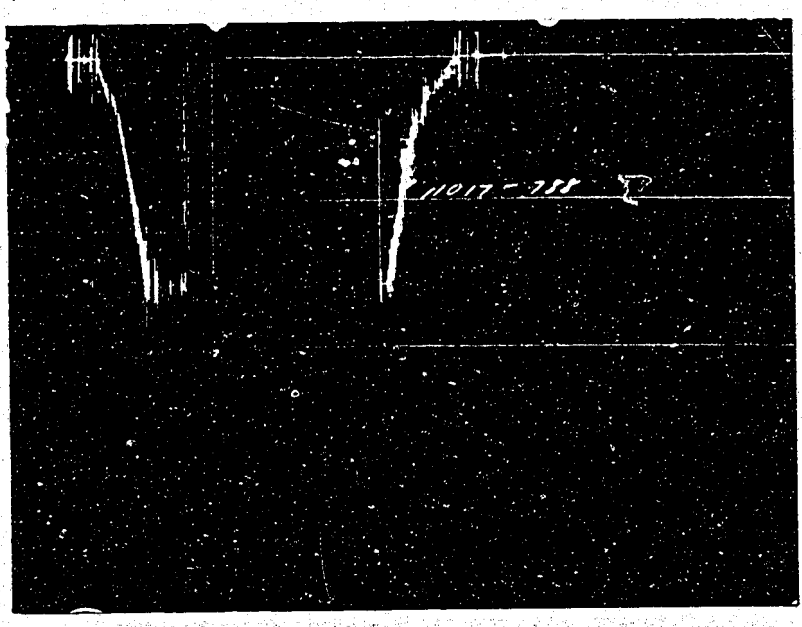
EQUIPMENT DATA

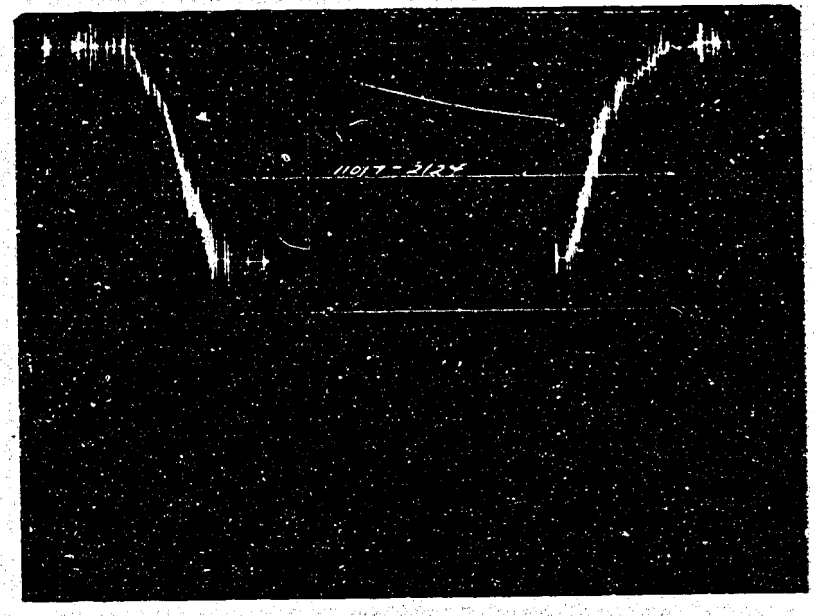
	OD	LENGTH
Reversing Sub		
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters	6 1/4"	611'
Handling Sub & Choke		
Dual CIP Valve	5"	6'
Dual CIP Sampler		
Hydrospring Tester	5"	5'
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5"	4'
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5"	5'
VR Safety Joint	5"	3'
Equalizing Crossover		
Packer Assembly	7"	6'
DEPTH		
Distributor		
Packer Assembly	7"	6'
DEPTH		3705
Flush Joint Anchor & Equalizing Tube	5"	10'
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder	5"	1'
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters	6 1/4"	60'
Flush Joint Anchor		
Blanked-Off BT Case	5"	4'
DEPTH		3780

PRESSURE

TIME

Each horizontal line equal to 1000 psi





TEMPERATURE RECORD

Each concentric line equals 10° F. Temperature increases outwardly

Ticket No. 11017

Temperature Range °F

70 °F to 170 °F

A to B — Initial CIP

B to C — 2nd Flow

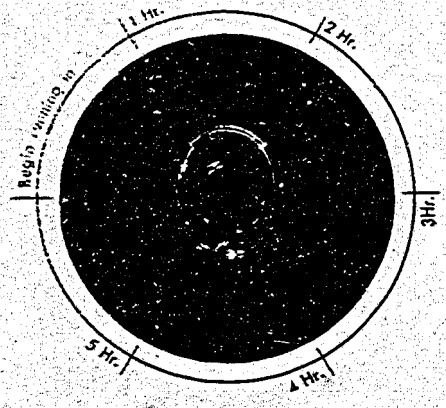
C to D — Final CIP

A _____ °F

B _____ °F

C MAX °F

D 93 °F



FORM 418

Halliburton SERVICES LIMITED

FORMATION TESTING
DATA SHEET

REFER TO INVOICE NO. 11017

HALLIBURTON DISTRICT: Fort St. John

JOB DATE: March 11, 1972

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

PRESSURE DATA

	TOP	CENTRE	BOTTOM
GAUGE NUMBER	788		2124
GAUGE DEPTH	3681		3776
INKED OFF	[redacted]/NO	YES-NO	YES-[redacted]
CLOCK TRAVEL	24 hr.		12 hr.
INITIAL HYDROSTATIC	1568		1621
FIRST FLOW INITIAL	8		56
FIRST FLOW FINAL	39		90
FIRST CLOSED IN	1484		1535
SECOND FLOW INITIAL	45		95
SECOND FLOW FINAL	346		402
SECOND CLOSED IN	524		579
THIRD FLOW INITIAL			
THIRD FLOW FINAL			
THIRD CLOSED IN			
FINAL HYDROSTATIC	1570		1622

TYPE OF TEST	TESTER	EMPL. NO.
Dual Bottom Hole	J. Sears	263
WITNESS: R. Hansen	DRILLING CONTRACTOR: Petrolia #7	

EQUIPMENT AND WELL DATA

FORMATION TESTED: Mt. Kindell	GAUGE DEPTH 93 OF MEAS. TEMPERATURE OF EST.
NET PRODUCTIVE THICKNESS: 20 FT.	MUD TYPE: Water
K B ELEVATION: 717	MUD WEIGHT: 8.3 MUD VISC.: 29
ALL DEPTHS MEASURED FROM: ☑ KB ☐ GROUND	~~CASING OR~~ HOLE SIZE: 7 7/8"
PACKER DEPTHS (TOP / BOTTOM): 3705	RATHOLE SIZE: N/A
DEPTH OF TESTER VALVE: 3670	DRILL PIPE (OD / WEIGHT): 4" / 15.3
CASING PERFORATED INTERVAL: N/A	DRILL COLLARS ABOVE TESTER (ID / LENGTH): 2 7/8" / 611'
TOTAL DEPTH: 3780	SURFACE CHOKE: Nil
AMOUNT AND TYPE CUSHION: Nil	BOTTOM CHOKE: 5/8"

FLUID SAMPLER DATA

SAMPLER PRESSURE AT SURFACE _____ PSIG

RECOVERY: C.C. OIL _____ CU.FT. GAS _____

C.C. WATER _____

C.C. MUD _____

TOTAL LIQUID C.C. _____

SAMPLE SHIPPED TO LABORATORY: YES ☐ NO ☐

OIL GRAVITY _____ API @ _____ °F

GAS/OIL RATIO _____ CU.FT./BBL.

RESISTIVITY/REFRACTOMETER/SP. GR. READING		CHLORIDE CONTENT
RECOVERY WATER	@ 80 °F	9,620 PPM
RECOVERY MUD FILTRATE	@ _____ °F	_____ PPM
MUD PIT SAMPLE FILTRATE	@ _____ °F	_____ PPM

TIME PERIODS

	FIRST	SECOND	THIRD		AM	PM
FLOW	5	90		TESTER OPENED	9:45	
CLOSED IN	30	120		PACKER UNSEATED		1:50

LIQUID RECOVERY DATA

FEET	DESCRIPTION OF LIQUID
50	Fresh Water
1125	Slightly Sulphurous Water
1175	TOTAL LIQUID RECOVERY

(FEET FROM TESTER VALVE)

GAS FLOW RATE DATA

TYPE OF INSTRUMENT: ☐ CRITICAL FLOW PROVER ☐ PITOT TUBE ☐ ORIFICE WELL TESTER ☐ SIDE STATIC

FLOW TIME	INSTRUMENT PRESSURE "WATER	"MERC.	PSI	ORIFICE SIZE	GAS TEMP.	GAS RATE MCFD @ 60°F

REMARKS: Weak air blow during first flow.

Weak air blow throughout second flow.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAY 5 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMY BRANCH

COMPANY: AMOCO CANADA PETROLEUM CO. LTD.

LEGAL DESCRIPTION: 65° 37' N 128° 12' W

PROVINCE OR TERRITORY: N.W.T.

FIELD OR AREA: CARCAJOU R.

TEST NUMBER: 4

WELL NAME AND NUMBER: AMOCO ET AL A-1 CARCAJOU K-68

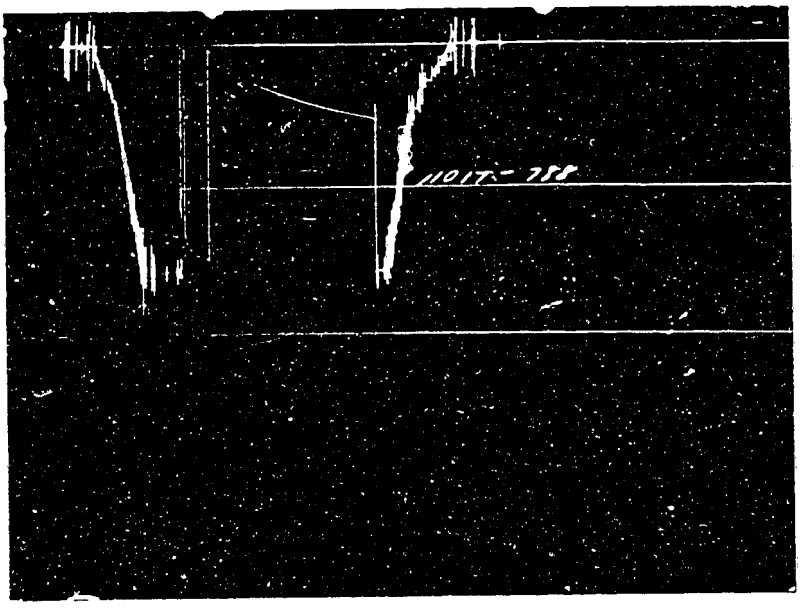
TESTED INTERVAL: 3705 - 3780

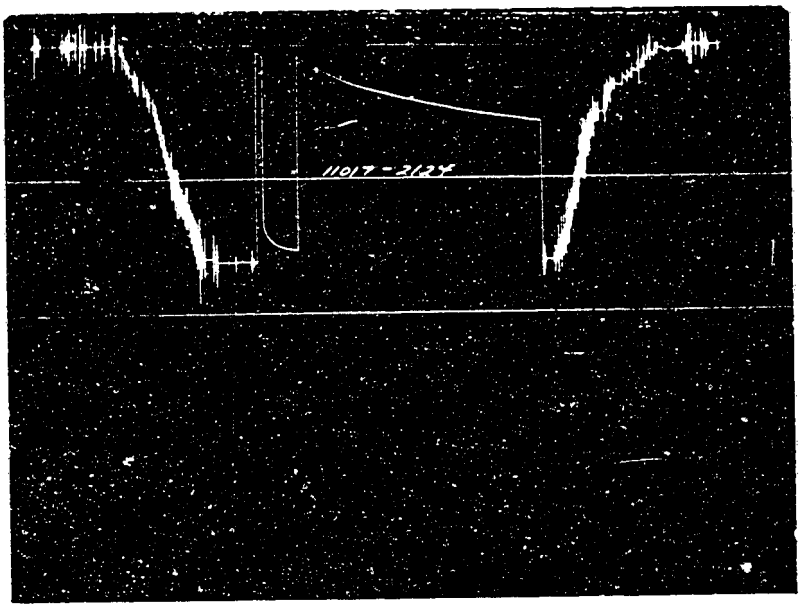
EQUIPMENT DATA

	OD	LENGTH
Reversing Sub		
Water Cushion Valve		
DEPTH		
Drill Pipe & Adapters		
Drill Collars & Adapters	6 1/4"	611'
Handling Sub & Choke		
Dual CIP Valve	5"	6'
Dual CIP Sampler		
Hydrospring Tester	5"	5'
DEPTH		
Multiple CIP Sampler		
Extension Joint		
BT Running Case	5"	4'
DEPTH		
HT-500 Temp. Recorder		
Hydraulic Jar	5"	5'
VR Safety Joint	5"	3'
Equalizing Crossover		
Packer Assembly	7"	6'
DEPTH		
Distributor		
Packer Assembly	7"	6'
DEPTH		3705
Flush Joint Anchor & Equalizing Tube	5"	10'
Crossover Adapter		
Blanked-Off BT Case		
DEPTH		
HT-500 Temp. Recorder	5"	1'
Drill Collars & Adapters		
Flush Joint Anchor & Equalizing Tube		
Packer Assembly		
DEPTH		
Distributor		
Packer Assembly		
DEPTH		
Equalizing Seal		
Anchor Pipe Safety Joint		
Side Wall Anchor		
DEPTH		
Drill Collars & Adapters	6 1/4"	60'
Flush Joint Anchor		
Blanked-Off BT Case	5"	4'
DEPTH		3780

PRESSURE → TIME

Each horizontal line equal to 1000 psi





TEMPERATURE RECORD

Each concentric line equals 10° F. Temperature increases outwardly.

Ticket No. 11017

Temperature Range 70 °F to 170 °F

A to B — Initial CIP

B to C — 2nd Flow

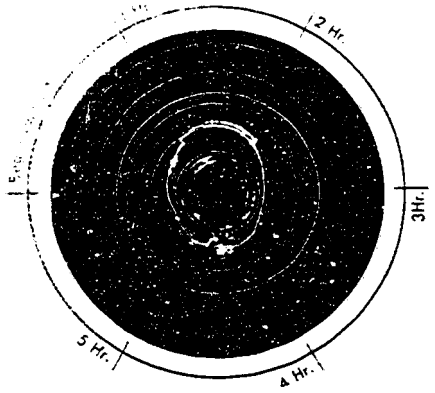
C to D — Final CIP

A _____ °F

B _____ °F

C MAX °F

D 93 °F



FORM 418

Halliburton SERVICES LIMITED

FORMATION TESTING
DATA SHEET

REFER TO INVOICE NO. 11017

HALLIBURTON DISTRICT: Fort St. John

JOB DATE: March 11, 1972

OWNER, OPERATOR OR HIS AGENT STATES THE WELL IS IN CONDITION FOR THE SERVICE JOB TO BE PERFORMED AND SUBMITS THE FOLLOWING DATA:

PRESSURE DATA

	TOP	CENTRE	BOTTOM
GAUGE NUMBER	788		2124
GAUGE DEPTH	3681		3776
PACKER SET/UNSET	[illegible]/NO	YES-NO	YES [illegible]
HOUR CLOCK TRAVEL	24 hr.		12 hr.
INITIAL HYDROSTATIC	1568		1621
FIRST FLOW INITIAL	8		56
FIRST FLOW FINAL	39		90
FIRST CLOSED IN	1484		1535
SECOND FLOW INITIAL	45		95
SECOND FLOW FINAL	346		402
SECOND CLOSED IN	524		579
THIRD FLOW INITIAL			
THIRD FLOW FINAL			
THIRD CLOSED IN			
FINAL HYDROSTATIC	1570		1622

TYPE OF TEST	TESTER	EMPL. NO.
Dual Bottom Hole	J. Sears	263
WITNESS: R. Hansen	DRILLING CONTRACTOR: Petrolia #7	

EQUIPMENT AND WELL DATA

FORMATION TESTED: Mt. Kindell	GAUGE DEPTH 93 °F MEAS. / TEMPERATURE °F EST.
NET PRODUCTIVE THICKNESS: 20 FT.	MUD TYPE: Water
K B ELEVATION: 717	MUD WEIGHT: 8.3 MUD VISC.: 29
ALL DEPTHS MEASURED FROM: ☑ KB ☐ GROUND	~~CASING OR~~ HOLE SIZE: 7 7/8"
PACKER DEPTHS TOP / BOTTOM: 3705	RATHOLE SIZE: N/A
DEPTH OF TESTER VALVE: 3670	DRILL PIPE OD / WEIGHT: 4" / 15.3
CASING PERFORATED INTERVAL: N/A	DRILL COLLARS ABOVE TESTER ID / LENGTH: 2 7/8" / 611'
TOTAL DEPTH: 3780	SURFACE CHOKE: Nil
AMOUNT AND TYPE CUSHION: Nil	BOTTOM CHOKE: 5/8"

FLUID SAMPLER DATA

SAMPLER PRESSURE AT SURFACE _____ PSIG

RECOVERY: C.C. OIL _____ CU.FT. GAS _____

C.C. WATER _____

C.C. MUD _____

TOTAL LIQUID C.C. _____

SAMPLE SHIPPED TO LABORATORY: YES ☐ NO ☐

OIL GRAVITY _____ API @ _____ °F

GAS/OIL RATIO _____ CU.FT./BBL.

	RESISTIVITY/REFRACTOMETER/SP. GR. READING		CHLORIDE CONTENT
RECOVERY WATER	@ 80 °F	9,620	PPM
RECOVERY MUD FILTRATE	@ _____ °F	_____	PPM
MUD PIT SAMPLE FILTRATE	@ _____ °F	_____	PPM

TIME PERIODS

	FIRST	SECOND	THIRD		AM	PM
FLOW	5	90		TESTER OPENED	9:45	
CLOSED IN	30	120		PACKER UNSEATED		1:50

LIQUID RECOVERY DATA

FEET	DESCRIPTION OF LIQUID
50	Fresh Water
1125	Slightly Sulphurous Water
1175	TOTAL LIQUID RECOVERY

(FEET FROM TESTER VALVE)

GAS FLOW RATE DATA

TYPE OF INSTRUMENT: ☐ CRITICAL FLOW PROVER ☐ PITOT TUBE ☐ ORIFICE WELL TESTER ☐ SIDE STATIC

FLOW TIME	INSTRUMENT PRESSURE "WATER	"MERC.	PSI	ORIFICE SIZE	GAS TEMP.	GAS RATE MCFD @ 60°F

REMARKS: Weak air blow during first flow.

Weak air blow throughout second flow.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 5 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECON. BRANCH

COMPANY: AMOCO CANADA PETROLEUM CO. LTD.

LEGAL DESCRIPTION: 65° 37' N 128° 12' W

PROVINCE OR TERRITORY: N.W.T.

FIELD OR AREA: CARCAJOU R.

WELL NAME AND NUMBER: AMOCO ET AL A-1 CARCAJOU K-68

TEST NUMBER: 4

TESTED INTERVAL: 3705 - 3780

FORM 3448

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. E72-7917

Received: Feb. 23,1972 Reported: Feb. 29, 1972 Well: Location: Carcajou A-1

Operator: AMOCO CANADA PETROLEUM COMPANY LTD. Field or Area:

Elev.: K.B. Grd. Zone/Formation: Sample Interval:

Method of Production: D.S.T. #1 Sampled from: Sampled by: Date: Feb. 22, 1972

OTHER PERTINENT DATA

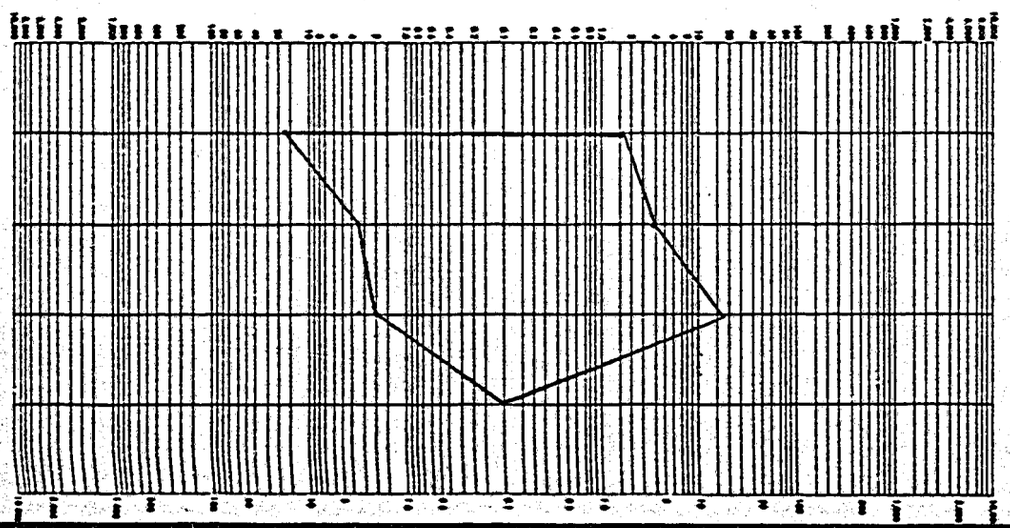
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
/L	392		72	25					825	57			Nil	240	Nil	
/L	17.06		3.59	2.06					17.16	1.61			---	3.94	---	
%	37.56		7.90	4.54					37.78	3.54			---	8.67	---	

Total Solids Mg/L: By Evaporation 1,884 Fe Present Specific Gravity 1.002 @60°F Observed pH 7.8 @ 70 °F

Calculated 1,611 After Ignition 1,584 H_2S Nil Refractive Index 1.3332 @25°C Resistivity 4.56 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

The sample consisted of very muddy water. The filtrate was colorless. Organic matter present in dissolved solids.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. C72-4533-3

Received: March 22,1972 Reported: April 10,1972

Well: Location: Carcajou A-1 K-68 N.W.T.

Operator: AMOCO CANADA PETROLEUM COMPANY LTD.

Field or Area:

Elev.: K.B. Grd. Zone/Formation:

Sample Interval:

Method of Production: D.S.T. 2

Sampled from: Middle

Sampled by:

Date:

OTHER PERTINENT DATA

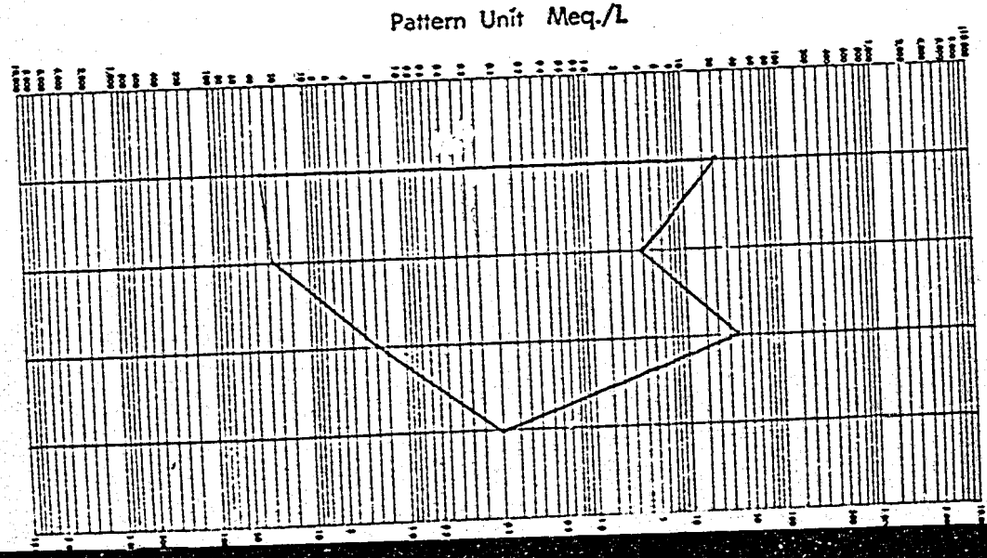
(Signed)

	Na & K		Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	774		545	24					1814	750				240		
Meq./L	33.65		27.20	1.97					37.73	21.15				3.94		
Meq. %	26.78		21.65	1.57					30.03	16.83				3.14		

Total Solids Mg/L: By Evaporation 4,194 Fe Present Specific Gravity 1.005 @60°F Observed pH 6.7 @ 78 °F

Calculated 4,147 After Ignition 3,700 H_2S Nil Refractive Index 1.3334 @25°C Resistivity 2.13 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

Analysis determined on clear colorless filtrate recovered from water containing a trace of sediment. Organic matter Cl detected in evaporated total dissolved solids.

C72-4533-1 Drilling Fluid. Description same as above.
Resistivity: 4.22 Ohm-meters at 68°F.

C72-4533-2 Top. Description same as above.
Resistivity: 3.89 Ohm-meters at 68°F.

C72-4533-4 Bottom. Description same as above.
Resistivity: 3.06 Ohm-meters at 68°F.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. E72-7999-2

Received: Mar. 6, 1972 Reported: Mar. 16, 1972

Well: Location: Amoco A-1 Carcajou 65° 37' 42" N; 128° 12' 23" W

Operator: AMOCO CANADA PETROLEUM COMPANY LTD.

Field or Area: Carcajou, N.W.T.

Elev.: K.B. Grd.

Zone/Formation: Ronning

Sample Interval: 2030' – 2105'

Method of Production: D.S.T. #3

Sampled from: Recovery

Sampled by:

Date: Mar. 5, 1972

OTHER PERTINENT DATA

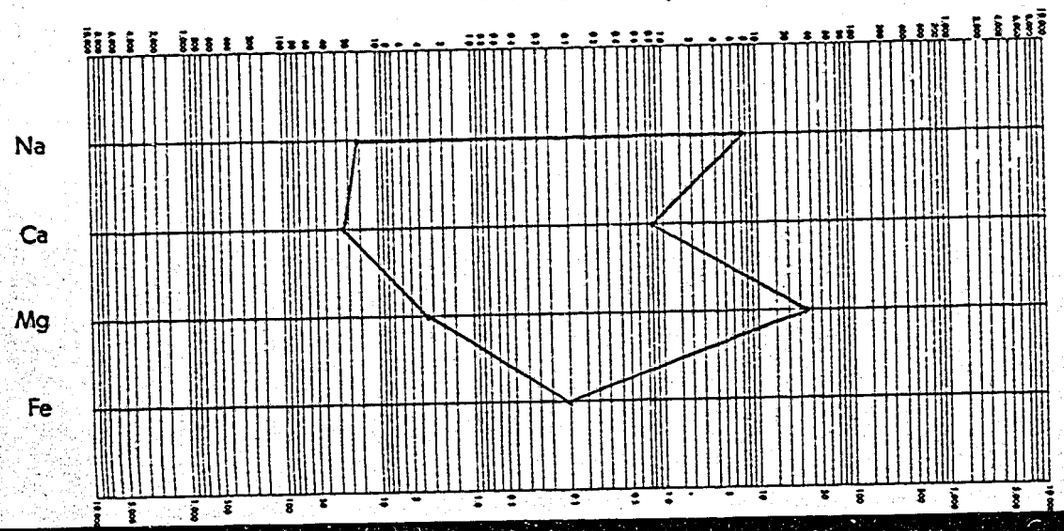
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
Mg./L	364		491	42					1717	258			Nil	49	Nil	
Meq./L	15.84		24.50	3.45					35.71	7.28			—	0.80	—	
Meq. %	18.20		28.15	3.96					41.02	8.36			—	0.92	—	

Total Solids Mg/L: By Evaporation 3,000 Fe Present Specific Gravity 1.004 @60°F Observed pH 7.2 @ 76 °F

Calculated 2,921 After Ignition 2,676 H_2S Nil Refractive Index 1.3332 @25°C Resistivity 4.69 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

Sample consisted of colorless water with a thin sediment layer and a hydrocarbon scum. Organic matter present in dissolved solids.

E72-7999-1: Drilling Fluid.
RESISTIVITY: 4.71 OHM-Meters @ 68°F.
Sample consisted of colorless water with a thin sediment layer.

BENZENE CONTENT: (E72-7999-2): 0.02 P.P.M.
Sample was received in a 1 quart metal container with a foil insert present in the screw cap. Container was full, water was clear, and appeared to be a good sample.

TOLUENE: (E72-7999-2): 0.52 P.P.M.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. C72-4534-4

Received: March 22,1972 Reported: April 10,1972

Well: Location: Carcajou A-1 K68 N.W.T.

Operator: AMOCO CANADA PETROLEUM COMPANY LTD.

Field or Area:

Elev.: K.B. Grd. Zone/Formation: Mt. Kindle

Sample Interval: 3705' - 3800'

Method of Production: D.S.T. 4 Sampled from: BOTTOM

Sampled by:

Date: Mar.11,1972

OTHER PERTINENT DATA

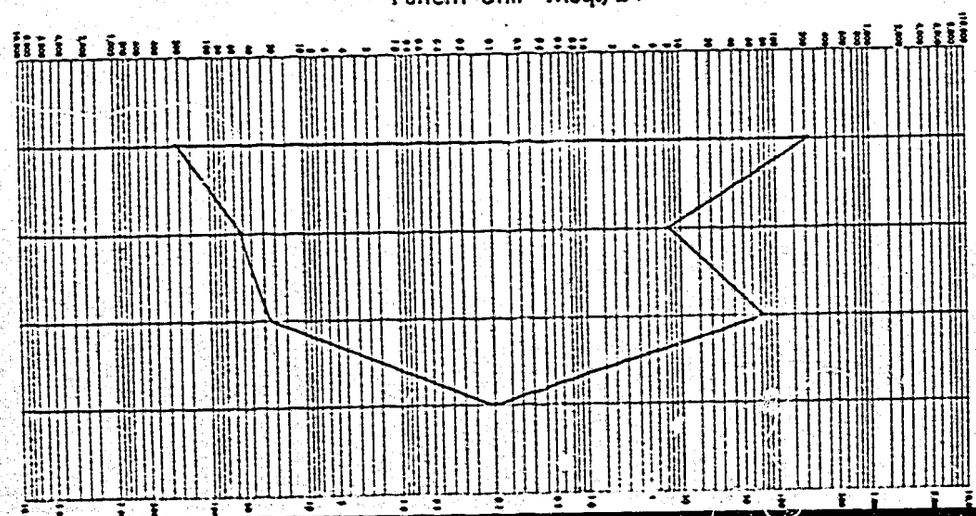
(Signed)

	Na & K		Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	4986		1041	301					3452	7600				460		
Meq./L	216.96		51.96	24.74					71.80	214.32				7.54		
Meq. %	36.94		8.85	4.21					12.23	36.49				1.28		

Total Solids Mg/L: By Evaporation 17,828 Fe Present Specific Gravity 1.018 @60°F Observed pH 8.0 @ 75 °F

Calculated 17,840 After Ignition 16,036 H_2S Nil Refractive Index 1.3360 @25°C Resistivity 0.433 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

Analysis determined on clear colorless filtrate recovered from water containing a trace of sediment. Trace of organic matter detected in evaporated total dissolved solids.

C72-4534-1 Mud Tank. Description same as above.
Resistivity: 3.74 Ohm-meters at 68°F.

C72-4534-2 Top. Description same as above.
Resistivity: 0.984 OHM-meters at 68°F.

C72-4534-3 Middle. Description same as above.
Resistivity: 0.534 Ohm-meters at 68°F.

CHEMICAL & GEOLOGICAL LABORATORIES LTD. WATER ANALYSIS Lab No. E72-8211-4

Received: March 15, 1972 Reported: March 21, 1972 Well: Location: Carcajou A-1 K-68

Operator: AMOCO CANADA PETROLEUM COMPANY LTD. Field or Area: N.W.T.

Elev.: K.B. Grd. Zone/Formation: Mt. Kindle Sample Interval: 3705' - 3800'

Method of Production: D.S.T. Sampled from: Bottom Sampled by: Date: March 11, 1972

OTHER PERTINENT DATA

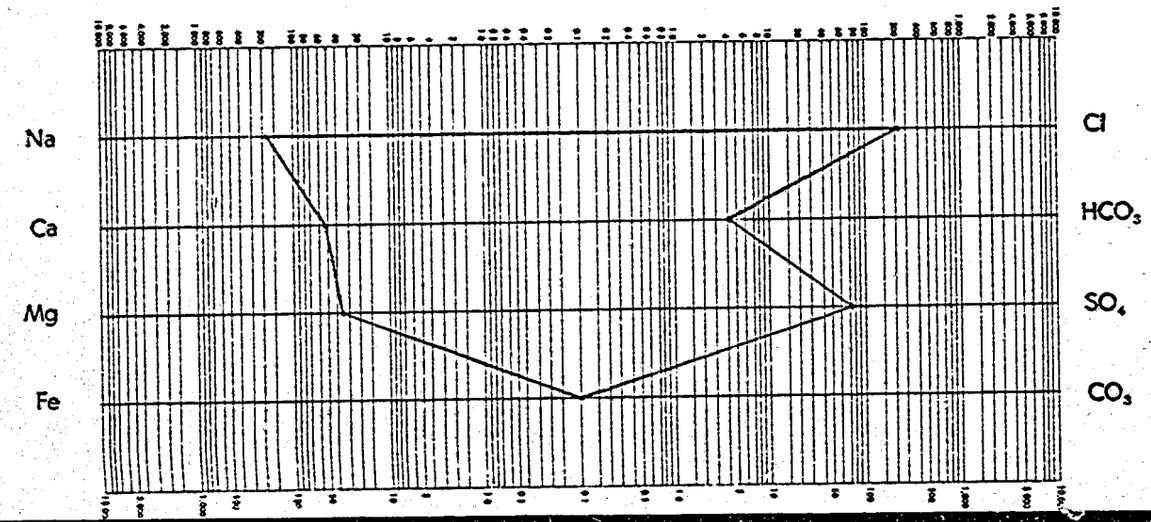
(Signed)

	Na & K	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3	OH	
Mg./L	4569		1079	412					3508	7420			Nil	260	Nil	
Meq./L	198.76		53.84	33.87					72.97	209.24			---	4.26	---	
Meq. %	34.69		9.40	5.91					12.74	36.52			---	0.74	---	

Total Solids Mg/L: By Evaporation 20,220 Fe Present Specific Gravity 1.017 @60°F Observed pH 7.9 @ 76 °F

Calculated 17,248 After Ignition 14,680 H_2S Nil Refractive Index 1.3360 @25°C Resistivity 0.529 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

Sample consisted of colorless water with some black sediment and suspended matter present.

BENZENE CONTENT: No trace of benzene or toluene Indicated

Sample was received in a 1 quart metal container with a foil insert present in the screw cap. Container was full, water was clear and appeared to be a good sample.

C.G.L. 64

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

OPERATOR: AMOCO CANADA PETROLEUM COMPANY LTD. REPORT NUMBER: E72-8211-1/-3

DATE SAMPLED: March 11, 1972 DATE RECEIVED: March 15, 1972 DATE REPORTED: March 21, 1972

WELL: Carcajou A-1 K-68 FIELD: N.W.T.

LABORATORY NUMBER	SAMPLED FROM	RESISTIVITY (OHM-meters at 68°F.)	REMARKS & CONCLUSIONS:
E72-8211-1:	Mud Tank	4.30	Colorless water with some sediment present.
E72-8211-2:	Top	1.12	Sample consisted of colorless water with some black sediment and suspended matter present.
E72-8211-3:	Middle	0.651	Sample consisted of colorless water with some black sediment and suspended matter present.

C.G.L.-54

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

CHEMICAL ANALYSIS

Field
Operator AMOCO CANADA PETROLEUM COMPANY LTD.
Location & Source Carcajou A-1
Sample Point
Sampled (By; Date; Time)
Pertinent Data

Type of Sample Fresh Water Jan Lake **Lab. No.** E72-7721

	Mg/l	Meq/l		Mg/l	Meq/l
Na & K	6	0.27	SO_4	25	0.52
			Cl	2	0.06
Ca	54	2.69	CO_3	Nil	——
Mg	11	0.90	HCO_3	200	3.28
Fe	Trace				

TOTAL HARDNESS: 180 Mg/l as $CaCO_3$

H_2S Nil

TOTAL SOLIDS IN mg/l

Evap. (105C)	240	pH	8.2	at	74°	F.	Saturation Index: pH–pHs
Ign. (550C)	104	Sp. Gr:	< 1.001	at	60°	F.	(@ 74° F.) = +0.7
Calculated	298	Resist:	35.2	ohm-m.	68°	F.	(indicates scaling tendencies with respect to $CaCO_3$)

Analytical Observations & Remarks:

Sample consisted of clear, colorless water.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

ABBREVIATIONS: Cations: H: Hydrogen; Al: Aluminum; Ba: Barium; Cr: Chromium; NH_4: Ammonium. Anions: OH: Hydroxide; Br: Bromide; F: Fluoride; I: Iodide; PO_4: Phosphate; S: Sulfide; So_3: Sulfite; HS: Hydrosulfide or Mercaptide; NO_3: Nitrate; NO_2: Nitrite; CrO_4: Chromate.
MISCELLANEOUS: SiO_2: Silica; CO_2: Carbon Dioxide; mg/l: Milligrams per liter (approximate parts per million); meq/l: Milliequivalents/liter (or Milligram equivalents per liter); Alk: Alkalinity; MF: Membrane Filter; Turb: Turbidity; Cond: Specific conductance in mircromho/cm. Org: Organic.

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File 933-2311 Page 1 of 1

Company Amoco Canada Petroleum Company Ltd.

Well Amoco et al A-1 Carcajou K-68 K.B. ____ Grd. 700'

Location 65°37'42.00 N.L. 128°12'23.00 W.L. Field Carcajou River Area Province Northwest Territories

Formation ____ Interval ____

Sampled from DST #2 - Drilling Fluid (Mud Tank Sample) by ____

Date sampled ____ Date analysed March 8/72 Analyst LK

Recovery ____

____ Mud type ____ Water cushion ____

Resistivity 3.63 Ohm-meters @ 73 °F

Specific gravity 1.0020 @ 60°F

pH 6.7 H_2S Absent

Refractive Index 1.3325 @ 77°F

Total Solids:

Calculated 2,440 mg/liter

By evaporation @ 110°C - mg/liter

By evaporation @ 180°C - mg/liter

At ignition - mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
285	438	13	Trace	Abs.	-	-	22	43	1639	Nil	Nil

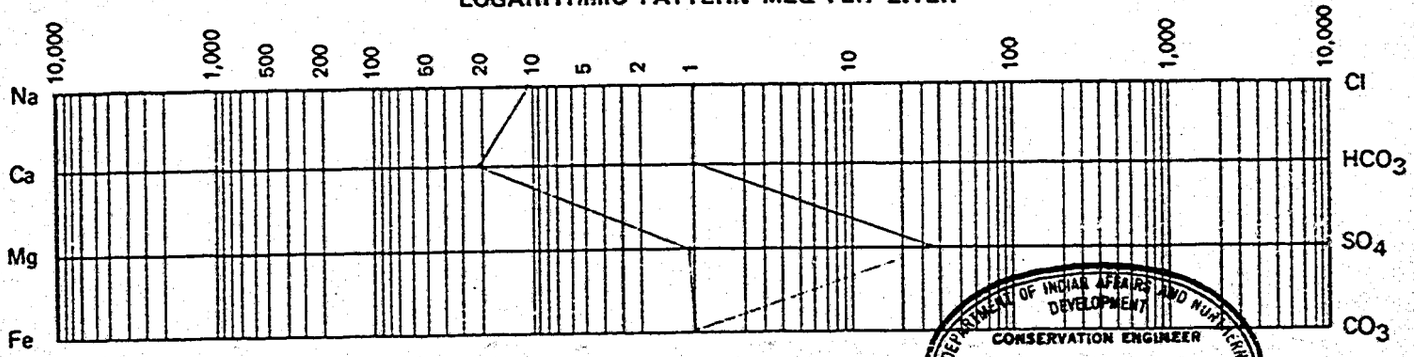
PER CENT CALCULATED SOLIDS

11.7	18.0	.5	Trace	Abs.	-	-	.9	1.8	67.2	.0	.0

MEQ PER LITER

12.4	21.9	1.1	Trace	Abs.	-	-	.6	.7	34.1	.0	.0

LOGARITHMIC PATTERN MEQ PER LITER



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DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
MAR 27 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

REPORT

and

PLAN

of

SUB-SURFACE

SURVEY

AMOCO CANADA PETROLEUM COMPANY LIMITED

AMOCO ET AL A-1 CARCAJOU K-68

JOB NO. _____ DATE MARCH 9, 1972.

EASTMAN OIL WELL SURVEY COMPANY LTD.

CALGARY :: EDMONTON

EASTMAN OIL WELL SURVEY COMPANY

WELL DEFLECTION SURVEY - PROGRAM 3847

WELL	KB ELEVATION	TOTAL DEPTH	SURVEY DATE
AMOCO ET AL A-1 CARCAJOU K-68	717	3420	3/ 9/72

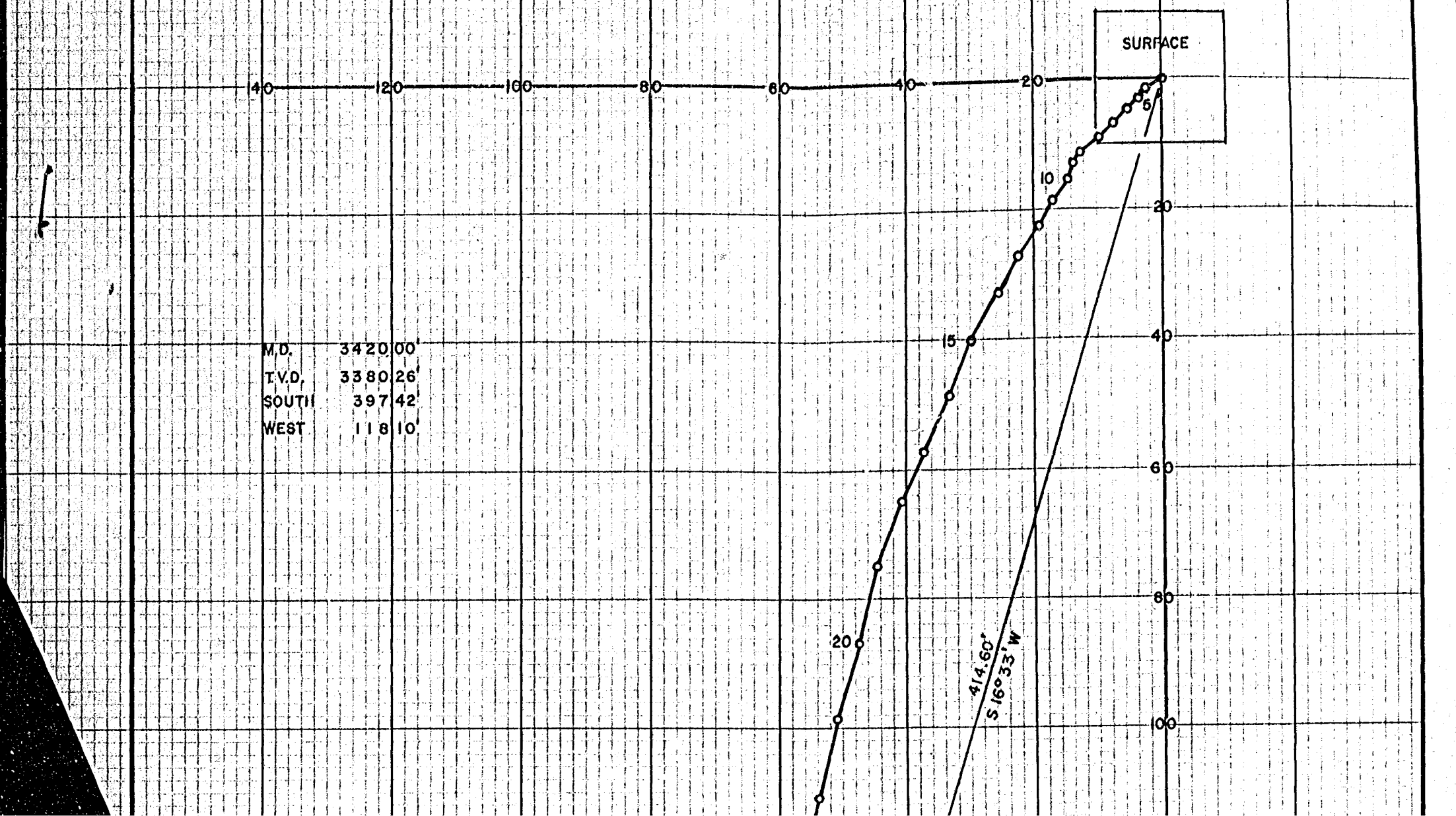
STAT. NO.	MEASURED DEPTH(FT)	DRIFT ANGLE DEG MIN	DRIFT DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH (FT) KB	SUBSEA	LOSS	RECTANGULAR COORDINATES (FT) NORTH	SOUTH	EAST	WEST	DOG-LEG SEVERITY DEG/100 FT
					BY EITHER TANGENTIAL OR RADIUS OF CURVATURE METHODS.							
					DOGLEG SEVERITY BY LUBINSKI.							
0	0.0	0 0	S 0 W		0.0			0.0	0.0	0.0	0.0	
1	90.00	0 15	S 85 W	90.00	90.00	627.00	0.00	0.0	0.03	0.0	0.39	0.28
2	180.00	0 15	S 1 W	90.00	180.00	537.00	0.00	0.0	0.43	0.0	0.40	0.37
3	270.00	0 0	S 56 W	90.00	270.00	447.00	0.00	0.0	0.59	0.0	0.49	0.28
4	360.00	1 15	S 56 W	90.00	359.98	357.02	0.02	0.0	1.69	0.0	2.12	1.39
5	450.00	1 30	S 49 W	90.00	449.95	267.05	0.05	0.0	3.00	0.0	3.83	0.33
6	540.00	1 45	S 50 W	90.00	539.91	177.09	0.09	0.0	4.66	0.0	5.77	0.28
7	630.00	2 0	S 42 W	90.00	629.87	87.13	0.13	0.0	6.71	0.0	7.89	0.40
8	720.00	2 0	S 37 W	90.00	719.81	-2.81	0.19	0.0	9.21	0.0	9.78	0.19
9	814.00	2 15	S 36 W	94.00	813.75	-96.75	0.25	0.0	12.02	0.0	11.85	0.27
10	908.00	2 30	S 34 W	94.00	907.66	-190.66	0.34	0.0	15.21	0.0	14.08	0.28
11	1002.00	2 45	S 37 W	94.00	1001.57	-284.57	0.43	0.0	18.71	0.0	16.58	0.30
12	1096.00	3 0	S 34 W	94.00	1095.45	-378.45	0.55	0.0	22.55	0.0	19.32	0.31
13	1190.00	3 45	S 32 W	94.00	1189.28	-472.28	0.72	0.0	27.19	0.0	22.33	0.81
14	1284.00	4 30	S 30 W	94.00	1283.04	-566.04	0.96	0.0	32.98	0.0	25.82	0.81
15	1378.00	5 30	S 27 W	94.00	1376.68	-659.68	1.32	0.0	40.18	0.0	29.72	1.10
16	1472.00	5 45	S 24 W	94.00	1470.23	-753.23	1.77	0.0	48.50	0.0	33.69	0.41
17	1566.00	5 30	S 22 W	94.00	1563.77	-846.77	2.23	0.0	56.98	0.0	37.29	0.34
18	1660.00	5 45	S 21 W	94.00	1657.32	-940.32	2.68	0.0	65.55	0.0	40.67	0.29
19	1754.00	7 15	S 18 W	94.00	1750.71	-1033.71	3.29	0.0	75.58	0.0	44.22	1.64
20	1848.00	7 15	S 16 W	94.00	1843.96	-1126.96	4.04	0.0	86.98	0.0	47.49	0.27
21	1942.00	7 30	S 15 W	94.00	1937.18	-1220.18	4.82	0.0	98.61	0.0	50.71	0.30
22	2036.00	7 45	S 15 W	94.00	2030.32	-1313.32	5.68	0.0	110.86	0.0	53.99	0.27
23	2130.00	7 45	S 14 W	94.00	2123.46	-1406.46	6.54	0.0	123.15	0.0	57.06	0.14
24	2224.00	8 15	S 14 W	94.00	2216.49	-1499.49	7.51	0.0	136.24	0.0	60.32	0.53
25	2318.00	8 30	S 16 W	94.00	2309.49	-1592.49	8.51	0.0	149.47	0.0	63.87	0.41
26	2412.00	9 15	S 13 W	94.00	2402.36	-1685.36	9.64	0.0	163.50	0.0	67.50	0.94
27	2506.00	9 45	S 14 W	94.00	2495.07	-1778.07	10.93	0.0	178.59	0.0	71.12	0.56
28	2600.00	10 30	S 14 W	94.00	2587.50	-1870.50	12.50	0.0	195.21	0.0	75.26	0.80
29	2694.00	11 30	S 14 W	94.00	2679.61	-1962.61	14.39	0.0	213.40	0.0	79.80	1.06
30	2788.00	12 30	S 12 W	94.00	2771.56	-2054.56	16.44	0.0	232.44	0.0	84.19	1.15
31	2882.00	12 45	S 12 W	94.00	2863.24	-2146.24	18.76	0.0	252.73	0.0	88.51	0.27
32	2976.00	13 30	S 12 W	94.00	2954.64	-2237.64	21.36	0.0	274.19	0.0	93.07	0.80
33	3070.00	14 15	S 13 W	94.00	3045.90	-2328.90	24.10	0.0	296.20	0.0	97.95	0.84
34	3164.00	16 0	S 13 W	94.00	3136.26	-2419.26	27.74	0.0	321.45	0.0	103.78	1.86
35	3258.00	17 15	S 12 W	94.00	3226.33	-2509.33	31.67	0.0	347.70	0.0	109.60	1.36
36	3357.00	19 0	S 8 W	99.00	3320.41	-2603.41	36.59	0.0	378.02	0.0	114.94	2.17
37	3388.00	18 15	S 10 W	31.00	3349.79	-2632.79	38.21	0.0	387.80	0.0	116.49	3.18
38	3420.00	17 15	S 9 W	32.00	3380.26	-2663.26	39.74	0.0	397.42	0.0	118.10	3.27

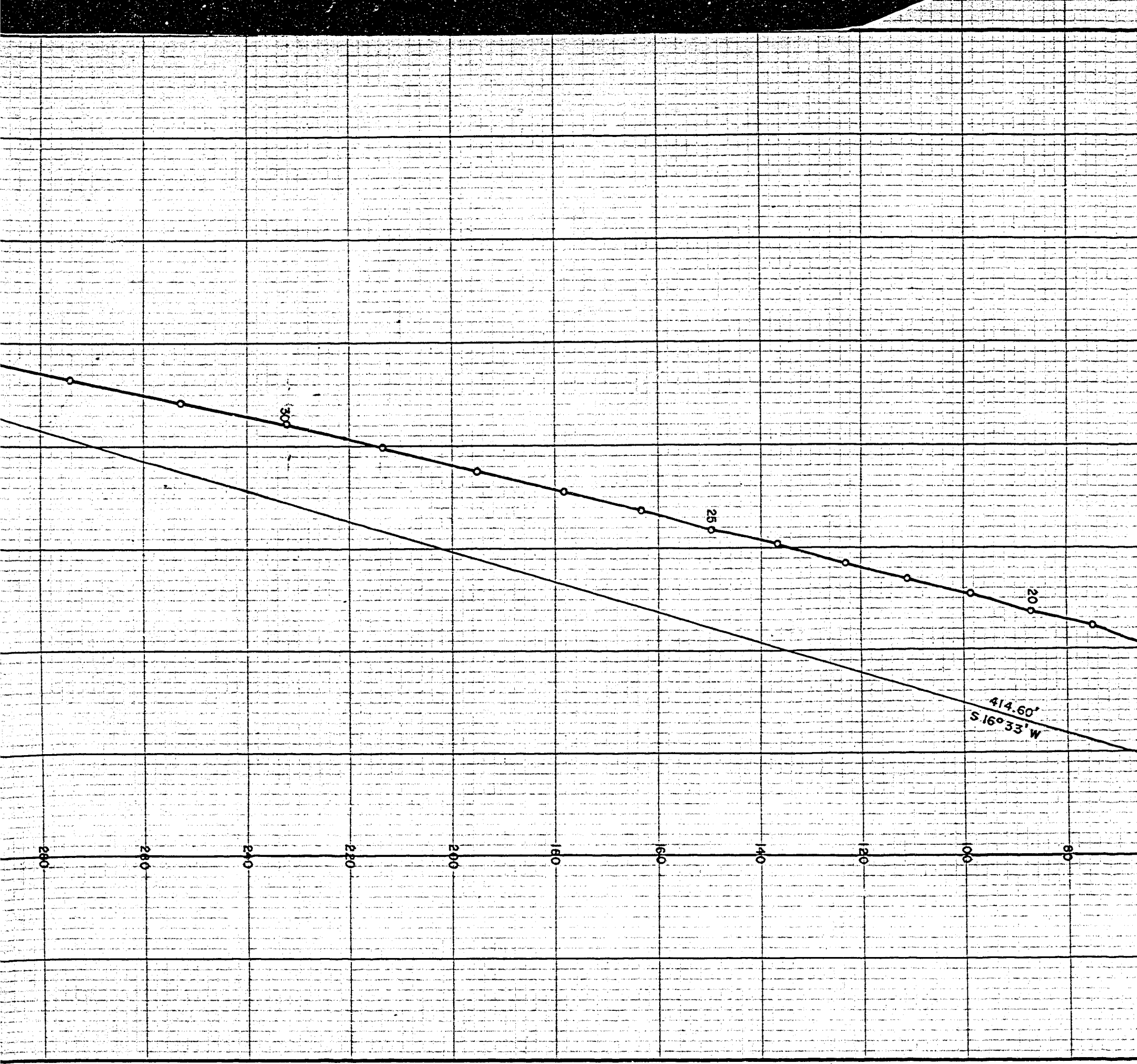
HORIZONTAL DEVIATION AT 3420.00 FT. IS 414.60 FT. S 16 33 W

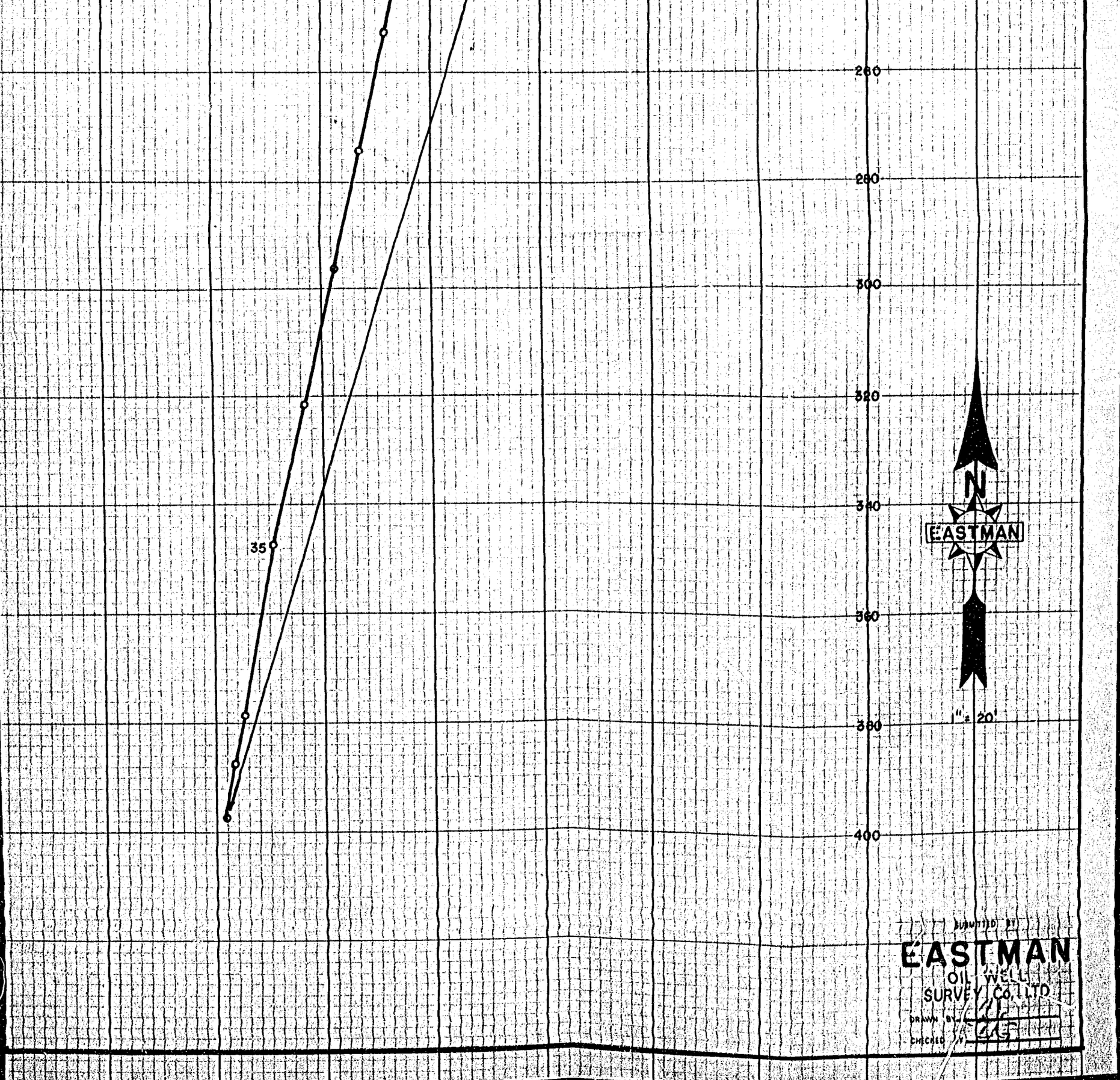
IBM Canada Ltd.

AMOCO CANADA PETROLEUM CO. LTD.

AMOCO ET AL A-1 CARCAJOU K-68




30
25
20
414.60'
S.16°33'W
280
260
240
220
200
180
160
140
120
100
80


260
280
300
320
340
360
380
400
35
N
EASTMAN
1" = 20'
SUBMITTED BY
EASTMAN
OIL WELL
SURVEY CO. LTD.
DRAWN BY
CHECKED BY

DAILY DRILLING REPORT — REPORT NO. 39

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	Carcajou K68	3-17-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco Canada Ltd.	Kenting Petroma	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L. R. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Berker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LOCATION

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL			
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE			
6.	TRIPS			
7.	LUBRICATE RIG			
8.	REPAIR RIG			
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY			
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.				
22.				
23.				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
	TOTALS			

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PAR'L--P COM'P--C
				Rig Released 11:00 AM March 17/72 L. R. Hansen								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	0230	2 1/2		TEAR OUT BOP.
0230	0430	2		DIG CELLAR.
0430	0700	2 1/2		CUT CASING BOWL OFF. RUN PLUG #4 W/5 SAX CEMENT & WELD PLUG & SIGN. & CLEAN MUD TANKS.
0700	0800	1		TEAR OUT PREFABS.

DRILLER: D. Mattson

DRILLING CREW PAYROLL DATA

DATE 3-17-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petroleum

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 0001 P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		F. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tillman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PAR'L--P COM'P--C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800				Finishing Tearing Out Prefabs
	1000	2.		And Finishing Cleaning Mud Tanks
1000	400	6.		Tear Out Rig Flush & Rig Out.

Layed Derrick @ 3:30 PM.

DRILLER: L. Ryks

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PAR'L--P COM'P--C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1200	8		Tear out Rig Spool Drill Line Washing Matting Derrick Rig Wash Out / Rister Bowler

DRILLER: L. Ryks

EVENING TOUR

DRILLING CREW PAYROLL DATA

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Sharp	12
DRKMAN		K. Johnson	12
MTRMAN		A. Sibal	12
FIREMAN			
FLRMAN		E. Arndt	12
FLRMAN		A. Morgan	12
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 400 P.M. 1200 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	12
DRKMAN		J. Plunkie	12
MTRMAN			
FIREMAN			
FLRMAN		H. Massia	12
FLRMAN		T. Lowerchuk	12
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

Form 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED APPROVED

DAILY DRILLING REPORT — REPORT NO. 38

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ft Al A-1	K68	Carcajou K68	3-16-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco Canada Ltd.	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L R Hansen	D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LOCATION

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL			
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE			
6.	TRIPS			
7.	LUBRICATE RIG			
8.	REPAIR RIG			
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY			
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.				
22.				
23.				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS				

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	34
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour) / BIT RECORD / MUD RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	MUD RECORD
	BIT	FT.	BIT NO.	TIME
			SIZE	WEIGHT
	STB RMR OD	FT.	MFG.	PRESSURE GRADIENT
	D.C. ID OD	FT.	TYPE	VISC.–SEC.
	STB RMR OD	FT.	JETS 1/32"	PV/YP
	D.C. ID OD	FT.	SER. NO.	GELS.
	STB RMR OD	FT.	DEPTH OUT	WL –CC'S.
			DEPTH IN	pH
			TOTAL FTG.	SOLIDS %
			TOTAL HRS. RUN	
	STANDS DP	FT.	COND. 1/8" T/B/ GAGE	MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.
	SINGLES DP	FT.	GPM/ PD–PSI	
	KELLY DOWN	FT.		
	TOTAL	FT.		
	WT. OF STRING	LBS.		

MORNING TOUR

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	MUD RECORD
	BIT	FT.	BIT NO.	TIME
			SIZE	WEIGHT
	STB RMR OD	FT.	MFG.	PRESSURE GRADIENT
	D.C. ID OD	FT.	TYPE	VISC.–SEC.
	STB RMR OD	FT.	JET 1/32"	PV/YP
	D.C. ID OD	FT.	SER. NO.	GELS.
	STB RMR OD	FT.	DEPTH OUT	WL –CC'S.
			DEPTH IN	pH
			TOTAL FTG.	SOLIDS %
			TOTAL HRS. RUN	
	STANDS DP	FT.	COND. 1/8" T/B/ GAGE	MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.
	SINGLES DP	FT.	GPM/ PD–PSI	
	KELLY DOWN	FT.		
	TOTAL	FT.		
	WT. OF STRING	LBS.		

DAY TOUR

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	MUD RECORD
	BIT	FT.	BIT NO.	TIME
			SIZE	WEIGHT
	STB RMR OD	FT.	MFG.	PRESSURE GRADIENT
	D.C. ID OD	FT.	TYPE	VISC.–SEC.
	STB RMR OD	FT.	JETS 1/32"	PV/YP
	D.C. ID OD	FT.	SER. NO.	GELS.
	STB RMR OD	FT.	DEPTH OUT	WL –CC'S.
			DEPTH IN	pH
			TOTAL FTG.	SOLIDS %
			TOTAL HRS. RUN	
	STANDS DP	FT.	COND. 1/8" T/B/ GAGE	MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.
	SINGLES DP	FT.	GPM/ PD–PSI	
	KELLY DOWN	FT.		
	TOTAL	FT.		
	WT. OF STRING	LBS.		

EVENING TOUR

FOOTAGE / FORMATION / DEVIATION RECORD

FOOTAGE FROM	FOOTAGE TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI–S PART'L–P COMP'D–C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:45	3/4		FINISH IN OPEN END.
12:45	1:45	1		PICK UP 27 SINGLES TAG BTM. PLUG #1 4400-TD
1:45	2:30	3/4		CIRC & RIG TO RUN PLUGS. 50 SKS 2% cal DOWN
2:30	3:00	1/2		RUN PLUG #1 FROM 4400-TD. AT 2:35
3:00	3:30	1/2		HOIST TO RUN PLUG #2 #2,2850-3050, 90 SKS
3:30	4:00	1/2		RUN PLUG #2 FROM 2850-3050 2% CAL DOWN 41.07 AM
4:00	4:30	1/2		HOIST 15 STDS & BREAK CIRC
4:30	8:00	3 1/2		RIG TO LAY PIPE & LAY SAME. 2 singles

DRILLER

FOOTAGE FROM	FOOTAGE TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI–S PART'L–P COMP'D–C
				Tstg ply #2 - 2835 OK.								
				Run ply #3 - 1350-1450 - 45 sks 3% cal								
				Down @ 12:15 NOON								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	10:00	2		LAY DRILL PIPE
10:00	10:45	3/4		RUN IN TO FEEL PLUG #2.
10:45	12:00	1 1/4		LAY DRLG PIPE
12:00	12:45	1/4		RUN PLUG #3
12:45	12:45	1/2		HOIST OUT OF PLUG #3 15 STDS 1 SINGLE
12:45	16:00	3 1/4		RUN IN DRLG COLLARS & LAY SOME POWER

DRILLER

FOOTAGE FROM	FOOTAGE TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI–S PART'L–P COMP'D–C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4		WOC. TEAR OUT FLARE LINES
8:00	8:30	1/2		RUN IN TO FEEL PLUG #3
8:30	10:30	2		LAY 16 STDS PIPE. KELLY & SWIVEL
10:30	12:00	1 1/2		TEAR OUT BOPS

DRILLER

DRILLING CREW PAYROLL DATA

DATE 3-16-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia.

TOOL PUSHER D Barker. RIG NO. 7

MORNING TOUR _____ P.M. _____ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tillman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Tharp	8
DRKMAN		K. Johnson	12
MTRMAN		A. Tharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		A. Morgan	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN			
MTRMAN		T. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		T. Bowerschuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED — APPROVED

DAILY DRILLING REPORT — REPORT NO. 37

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco et Al A-1	K68	Carcajou K68	3-15-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L.R. Hamer		D.H. Barker.	

D.P. SIZE	WT. / FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E	3 1/2	H90	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION K68 65° 39' 42" N. 128° 12' 23" W.

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
13 3/8	Youngs Town	54.5 K55	7		17.20	312
8 5/8	Manns Ville	24 "	34			1400

WIRE LINE RECORD REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/2	8	

FT. CUT OFF — PRESENT LENGTH 4896

TON MI. OR TRIPS SINCE LAST CUT 345

CUMULATIVE TON MI. OR TRIPS 1085

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL			
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE			
6. TRIPS			1/2
7. LUBRICATE RIG			
8. REPAIR RIG			
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY			
11. WIRE LINE LOGS	8		6
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21. Tear Out Loggers	1		
22. Break + Lay Test Tools	1/2		
23.			
COMPLETION A. PERF'R'T'N			
B. TBG TRIPS			
C. TREATING			
D. SWABBING			
E. TESTING			
F. ADDIT'N'L			
G.			
TOTALS	8		8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
25	D.C. ID 6 1/4 OD	771.34	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	KO Sub	2.20	
39	STANDS DP		FT.
2	SINGLES DP	3725.67	FT.
	KELLY DOWN		FT.
	TOTAL		FT.

WT. OF STRING 118,000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN (CC--S PAPER--P COMP'D--C)
4510												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	8 00	8		LOG.
				RUN D.I.L., B.H.C.-GR-C, S.N.P., GAMMA RAY CALIPER, H.O.T. & DIPMETER

DRILLER A. Matteson

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
25	D.C. ID 6 1/4 OD	771.34	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	KO Sub	2.20	
39	STANDS DP		FT.
2	SINGLES DP	3725.67	FT.
	KELLY DOWN		FT.
	TOTAL		FT.

WT. OF STRING 118,000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JET 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN (CC--S PAPER--P COMP'D--C)
4510												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	400	8		Logging 356 356

DRILLER

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.

WT. OF STRING LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN (CC--S PAPER--P COMP'D--C)

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1000	6		Logging
1000	1100	1		Tear Out Loggers
1100	1130	1/2		Break + Lay Test Tools
1130	1200	1/2		Run in open end to run Plugs

DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DATE 3-15-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia

TOOL PUSHER D. Barker. RIG NO. 7

MORNING TOUR 12 00 P.M. 8 00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	13
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			
		E. Harstad SHGS	
		Setting Out Flares @	
		Amoco Request.	
		Repairing Geol's Furnace.	

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR 800 A.M. 400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		D. Sharp	8
DRKMAN		K. Johnson	12
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Brandt	8
FLRMAN		A. Mulcahy	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4 00 P.M. 12 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN			
MTRMAN		J. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		L. Kowerchuk	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED APPROVED

DAILY DRILLING REPORT — REPORT NO. 36

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	Carcajou K68	3-14-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L. R. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ H90	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION: K68 65°37'42" N 128°12'23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	54.5 K55	7		17.20	312
	8 5/8	Mannesmann	24 11	34			1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1 1/8	8	

FT. CUT OFF — PRESENT LENGTH: 4896

TON MI. OR TRIPS SINCE LAST CUT: 345

CUMULATIVE TON MI. OR TRIPS: 1085

DRILLING CREW PAYROLL DATA

DATE 3-14-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 12⁰⁰ P.M. 8⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8⁰⁰ A.M. 4⁰⁰ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		W. Sharp	8
DRKMAN		K. Jonnson	8
MTRMAN		D. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		A. Morgan	8
FLRMAN			

operator looking on Stabbing on DC's.

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4⁰⁰ P.M. 12⁰⁰ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		P. Hofer	8
MTRMAN		J. Plumkis	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL	5		
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE	1¾	1¼	
6. TRIPS	¾	3¼	
7. LUBRICATE RIG			
8. REPAIR RIG			
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY		½	
11. WIRE LINE LOGS			6
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21. Break Circ. Ream ½			
Wait on Plane	2¼		
Unload Logs	1¾	2	
COMPLETION A. PERF'R'T'N			
B. TBG TRIPS			
C. TREATING			
D. SWABBING			
E. TESTING			
F. ADDIT'NL			
G.			
TOTALS	8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	36
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour)

NO.			
1	Reamer	9.93	FT.
1	Monel	18.79	
1	STB RMR 6¼ OD	6.32	
25	D.C. ID 6¼ OD	721.34	
2	STB RMR 6¼ OD	11.88	
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	Shock Sub	8.65	
1	XO Sub	2.20	
39	STANDS DP		FT.
2	SINGLES DP	3725.67	FT.
	KELLY DOWN	10.31	FT.
	TOTAL	4510	FT.
WT. OF STRING		118,000	LBS.

BIT RECORD

BIT NO.	14
SIZE	7⅞
MFG.	SEC
TYPE	H88
JETS 1/32"	11 11 11
SER. NO.	912186
DEPTH OUT	4510
DEPTH IN	4908
TOTAL FTG.	102
TOTAL HRS. RUN	5
COND. 1/8" T/B/ GAGE	
GPM/ PD-PSI	/ /

MUD RECORD

TIME	0300	0500	0700
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
25	D.C. ID 6¼ OD	721.34	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO Sub	2.20	
39	STANDS DP		FT.
2	SINGLES DP	3725.67	FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JET 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	0.A
WEIGHT	OF
PRESSURE GRADIENT	Hole
VISC.-SEC.	Full
PV/YP	/
GELS.	/
WL -CC'S.	8.6
pH	
SOLIDS %	4.6.

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	/ /
GELS.	/ /
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL-S PAR'L-P COM'PD-C
4908	4510	D			54	30	1375	5½	56			
				Changed Head & Liner Dome Side #2 Pump								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12⁴⁵	¾		Finish In W/Bit # 14
12⁴⁵	1¹⁵	½		Break Circ. & Ream 2' To Btm. Undergauged.
1¹⁵	6¹⁵	5		Drill.
6¹⁵	8⁰⁰	1¾		Circ.

DRILLER L. Mattson

DAY TOUR

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL-S PAR'L-P COM'PD-C
4510												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
4500	11¼	SOW.						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8⁴⁵	1¼		Circ To Log.
8⁴⁵	8⁴⁵	½		Directional Survey
8⁴⁵	12⁰⁰	3¼		Strap Out To Log.
12⁰⁰	2⁰⁰	2¼		Wait on Plane To Bring Loggers.
2¹⁵	4⁰⁰	1¾		Unload Loggers & Rig To Log. Equipment = Rig Solid.

Strap Tally 4548.59
Pipe Tally 4541.09
Diff 5.50
247

Checked Pump Name Plate

DRILLER L. Ryks

EVENING TOUR

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL-S PAR'L-P COM'PD-C
4510												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	12⁰⁰	8		Rig To Log & Log

DRILLER L. Ryks

Form 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED — APPROVED

DAILY DRILLING REPORT — REPORT NO. 35

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	Carcajou K68	3-13-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada.		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L.R. Hansen		D.H. Barker.	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E	5 1/2	NC40	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION K68 65°37'42"N 128°12'23"W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	SASK55	7		17.20	312
	8 5/8	Manns Ville	24 11	3A			1400

WIRE LINE RECORD REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	

FT. CUT OFF — PRESENT LENGTH 4896

TON MI. OR TRIPS SINCE LAST CUT 240

CUMULATIVE TON MI. OR TRIPS 980

DRILLING CREW PAYROLL DATA

DATE 3-13-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia.

TOOL PUSHER D.H. Barker. RIG NO. 7

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	7 1/2	7 1/4	4
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS			2 3/4
7	LUBRICATE RIG		1/4	
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY	1/2	1/2	
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
	Lay Core Brl		1/4	
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		8	8.8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. W/O D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD 34

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
1	Reamer	4.95	FT.
1	Monel	18.74	
1	STB NMR 6 1/4 OD	6.32	FT.
25	D.C. ID 6 1/4 OD	721.34	FT.
2	STB NMR 6 1/4 OD	11.88	FT.
	D.C. ID OD		FT.
	STB NMR OD		FT.
1	Spacer Sub	8.65	
1	XO Sub	2.20	
36	STANDS DP		FT.
1	SINGLES DP	3414.72	FT.
	KELLY DOWN	19.20	FT.
	TOTAL	4208	FT.
WT. OF STRING		112 000	LBS.

BIT RECORD

BIT NO.	13
SIZE	7 7/8
MFG.	Sec.
TYPE	H88
JETS 1/32"	10 11 11
SER. NO.	912187
DEPTH OUT	
DEPTH IN	4073
TOTAL FTG.	135
TOTAL HRS. RUN	8 1/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	0200	0400	0600
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'L-P COM'TR-C
4080	4208	D			54	30	1450	5 6				

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
4189	12 1/2	S 50 W						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	6 45	6 3/4		Drill
6 45	7 15	1/2		Directional Survey @ 4189
7 15	8 00	3/4		Drill.

DRILLER A. Mattson

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		F. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
1	Reamer	4.95	FT.
1	Monel	18.74	
1	STB NMR 6 1/4 OD	6.32	FT.
25	D.C. ID 6 1/4 OD	721.34	FT.
2	STB NMR 6 1/4 OD	11.88	FT.
	D.C. ID OD		FT.
	STB NMR OD		FT.
1	Shock Sub	8.65	
1	XO Sub	2.20	
36	STANDS DP	3571.05	FT.
	SINGLES DP		FT.
	KELLY DOWN	19.87	FT.
	TOTAL	4,366.	FT.
WT. OF STRING		115,000	LBS.

BIT RECORD

BIT NO.	13
SIZE	7 7/8
MFG.	Sec
TYPE	H88
JET 1/32"	10 11 11
SER. NO.	912187
DEPTH OUT	
DEPTH IN	4073
TOTAL FTG.	197
TOTAL HRS. RUN	15 1/2
COND. 1/8's T/B/ GAGE	DRLG.
GPM/ PD--PSI	

MUD RECORD

TIME	1000	1200	200
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'L-P COM'TR-C
4208	4365	D			54	30	1550	5 1/2	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
4313	12°	S 8 W						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 45	3/4		Drlg.
8 45	9 00	1/4		Rig Service + Bops
9 00	12 30	3 1/2		Drlg.
12 30	1 00	1/2		Directional Survey @ 4313
1 00	4 00	3		Drlg.

DRILLER

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Lidri	8
DRKMAN		K. Johnson	8
MTRMAN		A. Lidri	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		A. Morgan	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
1	Bit Reamer	4.95	FT.
1	Monel	18.74	
1	STB NMR 6 1/4 OD	6.32	FT.
25	D.C. ID 6 1/4 OD	721.34	FT.
2	STB NMR OD	11.88	FT.
	D.C. ID OD		FT.
	STB NMR OD		FT.
1	Shock Sub	8.65	
1	XO Sub	2.20	
38	STANDS DP	3602.20	FT.
1	KELLY DOWN	31.60	FT.
	TOTAL	4408.	FT.
WT. OF STRING		115 000	LBS.

BIT RECORD

BIT NO.	13	14
SIZE	7 7/8	7 7/8
MFG.	Sec	Sec
TYPE	H88	H88
JETS 1/32"	10 11 11 11 11 11	
SER. NO.	912187	912186
DEPTH OUT	4408	
DEPTH IN	4073	4408
TOTAL FTG.	335	
TOTAL HRS. RUN	19 1/2	
COND. 1/8's T/B/ GAGE	8 8 0	
GPM/ PD--PSI		

MUD RECORD

TIME	6:00		
WEIGHT	8.4		
PRESSURE GRADIENT			
VISC.-SEC.	28		
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PAR'L-P COM'TR-C
4365	4408	D			54	30	1550	5 1/2	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	8 00	4		Drill
8 00	9 45	1 3/4		Hoist Change Rubbers on Stabs.
9 45	11 00	1 1/4		Pick up Core BBLs, Change Bearing + Lay Same
11 00	12 00	1		R/W in w/ Bit #14

DRILLER L. Ryks

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		P. Hofer	8
MTRMAN		J. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED APPROVED

DAILY DRILLING REPORT — REPORT NO. 34

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO	K-68	COLCHESTON K 68	3-12-72

OPERATOR	CONTRACTOR	RIG NO.
AMOCO OF CANADA	KERTLING PETROLIA	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.R. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Baker.

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E	3½	NC 50	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	ENSCO	DA300	16
2		11	11

LOCATION: K-68 65°37'42" N 128° 12'23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	YOUNGS TOWN	54.5 J-55	7		1720	312
	8 5/8	MANNS VILLE	24 11	34			1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	52

FT. CUT OFF: 104 — PRESENT LENGTH: 4896

TON MI. OR TRIPS SINCE LAST CUT: 35

CUMULATIVE TON MI. OR TRIPS: 175

DRILLING CREW PAYROLL DATA

DATE 3-12-72

WELL NAME & NO. AMOCO K 68

COMPANY KERTLING - PETROLIA

TOOL PUSHER D Baker. RIG NO. 7

MORNING TOUR — 8200 P.M. — 800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		C. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		E. TOMCZAK	8
FIREMAN			
FLRMAN		M. TWIDMAN	8
FLRMAN		B. DICK	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR — 800 A.M. — 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		D. SIARD	8
DRKMAN		K. STANLEY	8
MTRMAN		D. SIARD	8
FIREMAN			-
FLRMAN		E. ARNOT	8
FLRMAN		A. MORGAN	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR — P.M. — P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	8
DRKMAN		P. HOFER	8
MTRMAN		J. PLUNKIE	8
FIREMAN			
FLRMAN		H. MASSIA	8
FLRMAN		J. KOWERCHUK	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL	7¼	7¼	9½
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE			½
6. TRIPS			2¾
7. LUBRICATE RIG	¼	¼	
8. REPAIR RIG			
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY	½	½	½
11. WIRE LINE LOGS			
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21.			
22.			
23.			
COMPLETION: A. PERF'R'T'N			
B. TBG TRIPS			
C. TREATING			
D. SWABBING			
E. TESTING			
F. ADDIT'N'L			
G.			
TOTALS	8	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/E

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD 33

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
1	BIT REAMER	4.95	FT.
1	MONEL	18.74	
1	STB RMR 6¼ OD	6.32	FT.
25	D.C. ID 6¼ OD	721.34	FT.
2	STB RMR 6¼ OD	11.88	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	SHOCK SUB	8.65	
1	XO SUB	2.20	
			FT.
23	STANDS DP		FT.
1	SINGLES DP	33.81	FT.
	KELLY DOWN	17.01	FT.
	TOTAL	3925	FT.
WT. OF STRING		108,000	LBS.

BIT RECORD

BIT NO.	12
SIZE	7⅞
MFG.	REED
TYPE	FDH
JETS 1/32"	10 11 11
SER. NO.	790307
DEPTH OUT	
DEPTH IN	3430
TOTAL FTG.	495
TOTAL HRS. RUN	30 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	0130	0330	0600
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PART'L-P COMP'L-C
3825	3925	D			54	30	1400	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3845	13¾	S 09 W.						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	145	1¾		DRLG. HELD SAFETY MEETING ON THE OPERATION OF CROWN
145	215	½		DIRECTIONAL SURVEY @ 3845
215	400	1¾		DRLG.
400	415	¼		RIG SERVICE + CHANGE BELT ON LUBRICATOR IN REMARKS.
415	800	3¾		DRLG.
				HELD BLOW OUT DRLG.

DRILLER C. MATTSON

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
1	BIT REAMER	4.95	FT.
1	MONEL	18.74	
1	STB RMR 6¼ OD	6.32	FT.
25	D.C. ID 6¼ OD	721.34	FT.
2	STB RMR 6¼ OD	11.88	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	SHOCK SUB	8.65	
1	XO SUB	2.20	
34	STANDS DP	396.36	FT.
	SINGLES DP		FT.
	KELLY DOWN	✓	FT.
	TOTAL	4011.84	FT.
WT. OF STRING		108,000	LBS.

BIT RECORD

BIT NO.	12
SIZE	7⅞
MFG.	REED
TYPE	FDH-4
JET 1/32"	10 11 11
SER. NO.	790307
DEPTH OUT	
DEPTH IN	3430.
TOTAL FTG.	581
TOTAL HRS. RUN	38
COND. 4/8's T/B/ GAGE	DRLG.
GPM/ PD--PSI	

MUD RECORD

TIME	800	1100	1300
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	-	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PART'L-P COMP'L-C
3925	4011	D			54	30	1400	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3970	12¾	S 09 W.						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	945	1¾		DRLG. HELD SAFETY MEETING ON RIG MUD PUMPS.
945	1000	1¼		RIG SERVICE + BOPS OKAY
1000	1245	2¾		DRLG.
1245	145	½		SURVEY @ 3970
145	400	2¾		DRLG.
				HELD BLOWOUT DRLG.

DRILLER J. Siard

EVENING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
1	BIT REAMER	4.95	FT.
1	MONEL	18.74	
1	STB RMR 6¼ OD	6.32	FT.
25	D.C. ID 6¼ OD	721.34	FT.
2	STB RMR 6¼ OD	11.88	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	SHOCK SUB	8.65	
1	XO SUB	2.20	
35	STANDS DP	328.73	FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING		112,000	LBS.

BIT RECORD

BIT NO.	12	13
SIZE	7⅞	7⅞
MFG.	REED	SEC.
TYPE	FDH4	H88
JETS 1/32"	10 11 11	10 11 11
SER. NO.	790307	912187
DEPTH OUT	4073	
DEPTH IN	3420	4073
TOTAL FTG.	643	7
TOTAL HRS. RUN	41	¾
COND. 1/8's T/B/ GAGE	5 1 1	
GPM/ PD--PSI		

MUD RECORD

TIME	600	
WEIGHT	8.4	
PRESSURE GRADIENT		
VISC.-SEC.	28	
PV/YP	/	/
GELS.	/	/
WL.-CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PART'L-P COMP'L-C
4011	4073	D			54	30	1450	5½	56			
4073	4080	O			54	29	1450	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
4063	12¾	S 04 W						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	730	3½		DRILL
730	800	½		CIRC. SAMPLE
800	830	½		RUN DIRECTIONAL W/SANDLINE
830				TRIP F/BIT CHANGE RUBBER ON BTM. STAB + CHECK WEAR BIT REAMER
	1000	1½		
1000	1115	1¼		RUN IN W/BIT #13
1115	1200	¾		DRILL
				HELD BLOWOUT DRILL

DRILLER L. Ryks

DAILY DRILLING REPORT — REPORT NO. 33

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K6B	Cargazou K6B	3-11-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L.R. Hansen	John Jacobsen

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ HWDP	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION K6B 65° 37' 42" N 128° 12' 23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	54.5 K55	7		17.20	312
	8 5/8	Manns Ville	24 11	34			1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	

FT. CUT OFF — PRESENT LENGTH 5800

TON MI. OR TRIPS SINCE LAST CUT 626

CUMULATIVE TON MI. OR TRIPS 626

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	6¼		4¼
3	REAMING			
4	CORING			
5	CONDITION & CIRCULATE	2		
6	TRIPS	2½		1½
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			¾
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	Handle Tools	¾		
22	Break Test Tools + Lay Same			1½
	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADD'T'NL			
	G.			
	TOTALS	8		4

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. W/CONTR. & OPR. D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
1	Reamer	4.95 FT.	BIT NO.	12
1	Monel	18.74	SIZE	7 7/8
1	STB RMR 6¼ OD	6.32 FT.	MFG.	Reed
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	FCHA
2	STB RMR 6¼ OD	11.88 FT.	JETS 1/32"	10 11 11
	D.C. ID OD	FT.	SER. NO.	790307
	STB RMR OD	FT.	DEPTH OUT	3780
1	Shock Sub	8.65	DEPTH IN	3430
1	XO Sub	2.20	TOTAL FTG.	350
31	STANDS DP	FT.	TOTAL HRS. RUN	19¼
2	SINGLES DP	2976.30 FT.	COND. 1/8's T/B/ GAGE	Pull To Test
	KELLY DOWN	29.62 FT.	GPM/ PD--PSI	
	TOTAL	3780.00 FT.		
WT. OF STRING	102,000 LBS.			

MUD RECORD

TIME	0100	
WEIGHT	8.4	
PRESSURE GRADIENT		
VISC.--SEC.	28	
PV/YP		
GELS.		
WL --CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE — FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PARL--P CONT--C
3729	3780	D			54	30	1400	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:45	¾		DRILL.
12:45	1:45	1		CIRC. SAMPLE @ 3750
1:45	3:45	2		DRILL
3:45	4:45	1		CIRC SAMPLE @ 3780
4:45	6:45	2		BLOW KELLY & HOIST TO TEST. CHANGE RUBBERS ON STAND. CHECKED MEARIT-FREAVER
6:45	7:30	¾		MAKE UP PACKER.
7:30	8:00	½		RUN IN

DRILLER G. Mattson

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	
	STB RMR OD	FT.	SIZE	
	D.C. ID OD	FT.	MFG.	
	STB RMR OD	FT.	TYPE	
	D.C. ID OD	FT.	JET 1/32"	
	STB RMR OD	FT.	SER. NO.	
			DEPTH OUT	
			DEPTH IN	
			TOTAL FTG.	
			TOTAL HRS. RUN	
	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
	SINGLES DP	FT.	GPM/ PD--PSI	
	KELLY DOWN	FT.		
	TOTAL	FT.		
WT. OF STRING	LBS.			

MUD RECORD

TIME		
WEIGHT		
PRESSURE GRADIENT		
VISC.--SEC.		
PV/YP		
GELS.		
WL --CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE — FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PARL--P CONT--C
3780				Checked Motor Unit offs Bop's All Okay.								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1		RUN IN W/ TEST.
9:00	9:45	¾		RIG UP TO TEST.
9:45	10:00	¼		OPEN TOOL "WEAK BLOW"
10:00	10:30	½		SHUT IN TESTER TOOL
10:30	12:00	1½		OPEN TESTER TOOL. (WEAK BLOW THROUGHOUT)
12:00	2:00	2		SHUT IN TESTER TOOL
2:00	4:00	2		PULL TEST TOOL & HOIST SAME.

DRILLER D. Sharp

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
1	BIT Reamer	4.95 FT.	BIT NO.	12
1	Monel	18.74	SIZE	7⅞
1	STB RMR 6¼ OD	6.32 FT.	MFG.	Reed
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	FCHA
2	STB RMR 6¼ OD	11.88 FT.	JETS 1/32"	10 11 11
	D.C. ID OD	FT.	SER. NO.	790307
	STB RMR OD	FT.	DEPTH OUT	
1	Shock Sub	8.65	DEPTH IN	3430
1	XO SUB	2.20	TOTAL FTG.	395
32	STANDS DP	3007.94 FT.	TOTAL HRS. RUN	23½
1	SINGLES DP	31.62 FT.	COND. 1/8's T/B/ GAGE	
	KELLY DOWN	11.36 FT.	GPM/ PD--PSI	
	TOTAL	3825. FT.		
WT. OF STRING	108,000 LBS.			

MUD RECORD

TIME	9:00	10:40
WEIGHT	8.4	8.4
PRESSURE GRADIENT		
VISC.--SEC.	28	28
PV/YP		
GELS.		
WL --CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE — FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PARL--P CONT--C
3780	3825	D			54	30	1475	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1½		~~Lay~~ BREAK DOWN TEST TOOLS + LAY SAME
5:30	6:15	¾		RUN IN W/ DRILL COLLARS
6:15	7:00	¾		SLIP & CUT DRILL LINE
7:00	7:45	¾		FINISH RUN IN W/ BIT
7:45	12:00	4¼		DRILL

DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DATE ~~Amoco~~ 3-11-72

WELL NAME & NO. Amoco Cargazou K6B

COMPANY Kenting Petrolia

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		E. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		D. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Bondi	8
FLRMAN		A. Moreau	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		P. Hoefer	8
MTRMAN		J. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED APPROVED

DAILY DRILLING REPORT — REPORT NO. 32

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	Carcajou K68	3-10-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia Drilling	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L. R. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: John Jacobsen

LOCATION: K68 65°37'42" N 128°12'23" W.

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ IF	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	54.5 K55	37		17.20	312
	8 5/8	Manns Ville	24 "	34			1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	

FT. CUT OFF: 5000 — PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT: 626

CUMULATIVE TON MI. OR TRIPS: 626

DRILLING CREW PAYROLL DATA

DATE 3-10-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 000' P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		D. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		P. Sharp	8
FIREMAN			
FLRMAN		E. Azizi	8
FLRMAN		A. Morgan	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L Ryks	8
DRKMAN		P Heer	8
MTRMAN		J. Paulkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		J. Kowerahuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	3¾	6½	6¼
3	REAMING	¾		
4	CORING			
5	CONDITION MUD & CIRCULATE			¾
6	TRIPS	2½		
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY	1	1½	1
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. W/O D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD: 31

CUMULATIVE ROTATING HRS.: 313 1/4

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY		BIT RECORD	
1	BIT Reamer	4.95 FT.	BIT NO.	12
1	Monel Collar	18.74	SIZE	7 7/8
1	STB Rmr 6¼ OD	6.32 FT.	MFG.	Reed
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	FCHA
2	STB Rmr OD	11.88 FT.	JETS 1/32"	10 11 11
	D.C. ID OD	FT.	SER. NO.	790307
	STB RMR OD	FT.	DEPTH OUT	
1	Shock Sub	8.65	DEPTH IN	3430
1	XO Sub	2.20	TOTAL FTG.	60
			TOTAL HRS. RUN	3¾
28	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
2	SINGLES DP	2696.00 FT.	GPM/ PD-PSI	
	KELLY DOWN	20.92 FT.		
	TOTAL	3490.00 FT.		
WT. OF STRING	100,000 LBS.			

MUD RECORD

TIME	0500	0630	
WEIGHT	9.4	9.4	
PRESSURE GRADIENT			
VISC.-SEC.	28	28	
PV/YP	/	/	/
GELS.	/	/	/
WL -CC's.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI.-S PAR.-P COMP.-C
3430	3490	D			53	30	1400	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3468	16½	S [redacted] W						

TIME LOG / DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰¹	02³⁰	2½		Finish Out Pick Up 2 Stabilizers 1 Reamer & Run In W/Bit #12
02³⁰	03¹⁵	¾		Ream From 3200 To 3430
03¹⁵	04¹⁵	1		Drill.
04¹⁵	04⁴⁵	½		Directional Survey - Misrun - No Tin Mongel.
04⁴⁵	06³⁰	1¾		Drill.
06³⁰	07⁰⁰	½		Directional Survey
07⁰⁰	08⁰⁰	1		Drill.

DRILLER G Mattson

MORNING TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY		BIT RECORD	
1	BIT Reamer	4.95 FT.	BIT NO.	12
1	Monel Collar	18.74	SIZE	7 7/8
1	STB Rmr 6¼ OD	6.32 FT.	MFG.	Reed
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	FCH4
2	STB Rmr OD	11.88 FT.	JET 1/32"	10 11 11
	D.C. ID OD	FT.	SER. NO.	790307
	STB RMR OD	FT.	DEPTH OUT	
1	Shock Sub	8.65	DEPTH IN	3430
1	XO Sub	2.20	TOTAL FTG.	175
			TOTAL HRS. RUN	10¼
29	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	DR46
2	SINGLES DP	2870.36 FT.	GPM/ PD-PSI	
	KELLY DOWN	41.46 FT.		
	TOTAL	3605 FT.		
WT. OF STRING	102,000 LBS.			

MUD RECORD

TIME	0800	1200	1400
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL -CC's.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI.-S PAR.-P COMP.-C
3490	3605	D			54	30/35	1400	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3500	16½	S 09 W	3532	16¼	S 09 W	3563	16°	S 09 W

TIME LOG / DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰	09⁰⁰	1		DRLG.
09⁰⁰	09²⁰	½		DIRECTIONAL SURVEY 3500' - BOPS OKAY
09³⁰	11¹⁵	1¾		DRLG.
11¹⁵	11⁴⁵	½		DIRECTIONAL SURVEY 3532
11⁴⁵	13³⁰	1¾		DRLG.
13³⁰	14⁰⁰	½		DIRECTIONAL SURVEY 3563
14⁰⁰	16⁰⁰	2		DRLG.

DRILLER

DAY TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY		BIT RECORD	
1	BIT Monel Collar	18.74 FT.	BIT NO.	12
1	Reamer	4.95	SIZE	7 7/8
1	STB Rmr 6¼ OD	6.32 FT.	MFG.	Reed
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	FCH4
2	STB Rmr OD	11.88 FT.	JETS 1/32"	10 11 11
	D.C. ID OD	FT.	SER. NO.	790307
	STB RMR OD	FT.	DEPTH OUT	
1	Shock Sub	8.65	DEPTH IN	3430
1	XO Sub	2.20	TOTAL FTG.	299
			TOTAL HRS. RUN	16½
31	STANDS DP	2914.36 FT.	COND. 1/8's T/B/ GAGE	
	SINGLES DP	FT.	GPM/ PD-PSI	
	KELLY DOWN	41.40 FT.		
	TOTAL	3729.84 FT.		
WT. OF STRING	102,000 LBS.			

MUD RECORD

TIME	1800	2200	
WEIGHT	8.4	8.4	
PRESSURE GRADIENT			
VISC.-SEC.	28	28	
PV/YP	/	/	/
GELS.	/	/	/
WL -CC's.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI.-S PAR.-P COMP.-C
3605	3729	O			54	34	1400	5½	54			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3625	15¾	S 08 W	3719	15°	S 08 W			

TIME LOG / DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16⁰⁰	17¹⁵	1¼		Drill
17¹⁵	17⁴⁵	½		Directional Survey @ 3625
17⁴⁵	22⁴⁵	5		Drill
22⁴⁵	23³⁰	¾		Circ Sample
23³⁰	24⁰⁰	½		Directional Survey @ 3719

DRILLER L Ryks

EVENING TOUR

DAILY DRILLING REPORT — REPORT NO. 31

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al - A-1	K68	CARIBOU K68	3-9-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.R. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: John Jacobs

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ IF	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	Emsco	D500	16

LOCATION: K68 65°37'42"N 128°12'23"W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13⅜	Youngs Jodual	S-95 K55	7		17.20	312
	8⅝	Manns Ville	24	11	34		1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	

FT. CUT OFF: — PRESENT LENGTH: 5000

TON MI. OR TRIPS SINCE LAST CUT:

CUMULATIVE TON MI. OR TRIPS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL		6¾	4
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			¼
6	TRIPS	2	½	3
7	LUBRICATE RIG		¼	
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY		½	¼
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	TURBOSCOPE			
22	COLLARS			
23	STABS		6	
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS			8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDING

TOTAL DAY WORK

NO. OF DAYS FROM SPUD: 30

CUMULATIVE ROTATING HRS.: 361 3/4

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.		FT.
	BIT	
1	Monel Collar	18.74
	STB RMR OD	FT.
25	D.C. ID 6 1/4 OD	721.34 FT.
1	STB RMR 6 1/4 OD	6.32 FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	Shock Sub	8.65
1	XO Sub	2.20
27	STANDS DP	2538.05 FT.
	SINGLES DP	FT.
	KELLY DOWN	38.70 FT.
	TOTAL	3334.00 FT.
	WT. OF STRING 98000	LBS.

BIT RECORD	
BIT NO.	11
SIZE	7 7/8
MFG.	Reed
TYPE	FHG
JETS 1/32"	11 11 11
SER. NO.	668471
DEPTH OUT	
DEPTH IN	3334
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	/

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.--SEC.			
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.	LINER SIZE	S.P.M.	PUMP NO.	LINER SIZE	S.P.M.	METHOD RUN
3334														

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3334	19	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	06⁰⁰	6		MAGNA-FLUX DRILL COLLARS W/ TUBOSCOPE.
06⁰⁰	08⁰⁰	2		PICK UP MONEL COLLAR & RUN IN

DRILLER: L. Matson

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.		FT.
	BIT	
1	Monel Collar	18.74
	STB RMR OD	FT.
25	D.C. ID 6 1/4 OD	721.34 FT.
1	STB RMR 6 1/4 OD	6.32 FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	Shock Sub	8.65
1	XO Sub	2.20
27	STANDS DP	FT.
1	SINGLES DP	45.97 FT.
	KELLY DOWN	27.19 FT.
	TOTAL	2380.05 FT.
	WT. OF STRING 100,000	LBS.

BIT RECORD	
BIT NO.	11
SIZE	7 7/8
MFG.	Reed
TYPE	FHG
JET 1/32"	11 11 11
SER. NO.	668471
DEPTH OUT	
DEPTH IN	3334
TOTAL FTG.	46
TOTAL HRS. RUN	6 3/4
COND. 1/8's T/B/ GAGE	DRLG
GPM/ PD--PSI	

MUD RECORD

TIME	0600	10.00	1500
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.--SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3334	3380	D			65	18/20	1200	5½	54			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3357	19°	S08W						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰	08³⁰	½		RUN IN W/ BIT #11
08³⁰	08⁴⁵	¼		RIG SERVICE & BOP'S OKAY
08⁴⁵	11⁰⁰	5¼		DRLG
11⁰⁰	13³⁰	½		RUN DIRECTIONAL SURVEY
13³⁰	16⁰⁰	1½		DRLG

DRILLER: J. Sharp

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.		FT.
	BIT	
1	Monel Collar	18.74
	STB RMR OD	FT.
25	D.C. ID 6 1/4 OD	721.34 FT.
1	STB RMR 6 1/4 OD	6.32 FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	Shock Sub	8.65
1	XO Sub	2.20
28	STANDS DP	2631.83 FT.
	SINGLES DP	FT.
	KELLY DOWN	41.40 FT.
	TOTAL	3430.46 FT.
	WT. OF STRING 100,000	LBS.

BIT RECORD	
BIT NO.	11
SIZE	7 7/8
MFG.	Reed
TYPE	FHG
JETS 1/32"	11 11 11
SER. NO.	668471
DEPTH OUT	3430
DEPTH IN	3334
TOTAL FTG.	96
TOTAL HRS. RUN	10 3/4
COND. 1/8's T/B/ GAGE	2 1 I
GPM/ PD--PSI	

MUD RECORD

TIME	6.00	9.00	
WEIGHT	8.4	8.4	
PRESSURE GRADIENT			
VISC.--SEC.	28	28	
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3380	3430	D			65	22/20	1225	5½	54			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3388	18¼	S10W	3420	17¼	S.09W			

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16⁰⁰	18⁰⁰	2		DRLG.
18⁰⁰	18³⁰	½		DIRECTIONAL SURVEY
18³⁰	20³⁰	2		DRLG.
20³⁰	21⁰⁰	½		CIRC SAMPLE
21⁰⁰	24⁰⁰	3		HOIST - RUN MULTI SHOT SURVEY

DRILLER: L. Ryks

DRILLING CREW PAYROLL DATA

DATE 3-9-72

WELL NAME & NO. Amoco Caribou K68

COMPANY Kenting Petrolia

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 0001 P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		A. Morgan	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		P. Hoefer	8
MTRMAN		T. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		L. Kowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 375 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED — APPROVED

DAILY DRILLING REPORT — REPORT NO. 30

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	Carcajou K68	3-8-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L. R. Hansen	John Jacobsen

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ IF	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION K68 65°37'42" N 128°12'23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	54.5 K55	7		17.20	312
	8 5/8	Manns Ville	29 "	34			1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	

FT. CUT OFF — PRESENT LENGTH 5000

TON MI. OR TRIPS SINCE LAST CUT 504

CUMULATIVE TON MI. OR TRIPS 504

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL	7	9 1/4	4
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE			
6. TRIPS			3
7. LUBRICATE RIG		1/4	
8. REPAIR RIG			1/4
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY	1	1/2	3/4
11. WIRE LINE LOGS			
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21.			
22.			
23.			

COMPLETION: A. PERF'R'T'N; B. TBG TRIPS; C. TREATING; D. SWABBING; E. TESTING; F. ADDIT'N'L; G.

TOTALS	8	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD 29

CUMULATIVE ROTATING HRS. 291

TOTAL MUD COST

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Reamer	4.95	
1	STB RMR Tele Sub OD	10.85	FT.
25	D.C. ID 6¼ OD	721.34	FT.
3	STB RMR 6¼ OD	18.55	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	Sinker Sub	8.65	
1	XO Sub	2.20	
24	STANDS DP		FT.
2	SINGLES DP	2318.21	FT.
	KELLY DOWN	15.25	FT.
	TOTAL	3100.00	FT.
WT. OF STRING		95000	LBS.

BIT RECORD

BIT NO.	8RR
SIZE	7 7/8
MFG.	Sm.
TYPE	4JS
JETS 1/32"	10 11 12
SER. NO.	HT175
DEPTH OUT	
DEPTH IN	2874
TOTAL FTG.	226
TOTAL HRS. RUN	10
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	01°°	04 30
WEIGHT	8.4	8.4
PRESSURE GRADIENT		
VISC.-SEC.	28	28
PV/YP	/	/
GELS.	/	/
WL --CC'S.	/	/
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SURV--S DRL--D CORE--C
2920	3100	D			53	36	1375	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2969	MR.		3001	15°	X			

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	03°°	3		DRILL.
03 00	03 30	1/2		SURVEY MISRUN
03 30	04 30	1		DRILL
04 30	05 00	1/2		SURVEY
05 00	08°°	3		DRILL.

DRILLER G. Mattson

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
1	Reamer	4.95	FT.
1	Tele Sub	10.85	
	STB RMR OD		FT.
25	D.C. ID 6¼ OD	721.34	FT.
3	STB RMR OD	18.55	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	Sinker Sub	8.65	
1	XO Sub	2.20	
26	STANDS DP		FT.
1	SINGLES DP	24757	FT.
	KELLY DOWN	37.75	FT.
	TOTAL	2793.65	FT.
WT. OF STRING		96,000	LBS.

BIT RECORD

BIT NO.	8RR
SIZE	7 7/8
MFG.	Smith
TYPE	4JS
JET 1/32"	10 11 12
SER. NO.	HT175
DEPTH OUT	
DEPTH IN	2874
TOTAL FTG.	406
TOTAL HRS. RUN	17¼
COND. 1/8's T/B/ GAGE	DRLG
GPM/ PD--PSI	

MUD RECORD

TIME	0900	1200	1400
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.	/	/	/
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SURV--S DRL--D CORE--C
2100	3280	D			54	36	1400	5½	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3126	15 3/4	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0845	3/4		DRLG
0845	0900	1/4		RIG SERVICE — Bop's OKAY
0900	1015	1 1/4		DRLG
1016	1045	1/2		SURVEY
1045	1600	5 1/4		DRLG

DRILLER L. Ryks

EVENING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Reamer	4.95	
1	STB RMR Tele Sub OD	10.85	FT.
25	D.C. ID 6¼ OD	721.34	FT.
3	STB RMR OD	18.55	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	Shock Sub	8.65	
1	XO Sub	2.20	
27	STANDS DP	2538.05	FT.
	SINGLES DP		FT.
	KELLY DOWN	29.41	FT.
	TOTAL	3334	FT.
WT. OF STRING		98,000	LBS.

BIT RECORD

BIT NO.	8RR
SIZE	7 7/8
MFG.	Smith
TYPE	4JS
JETS 1/32"	10 11 12
SER. NO.	HT175
DEPTH OUT	3334
DEPTH IN	2874
TOTAL FTG.	460
TOTAL HRS. RUN	21¼
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	1600	1900	
WEIGHT	8.4	8.4	
PRESSURE GRADIENT			
VISC.-SEC.	28	28	
PV/YP	/	/	
GELS.	/	/	
WL --CC'S.	/	/	
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SURV--S DRL--D CORE--C
3280	3334	D			54	18	1350	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
3242	18½		3300	20°				

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	16 15	1/4		SURVEY
16 15	18 45	2 1/2		DRILL
18 45	19 15	1/2		CIRC. — SURVEY
19 15	19 30	1/4		REPLACE AIR LINE #1 PUMP DRIVE
19 30	21 00	1 1/2		DRILL
21 00				SURVEY — HOIST TO PICK UP MOTEL
	2400	3		CHECK DRILL COLLARS W/ TUBESCOPE

DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DATE 3-8-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia

TOOL PUSHER — RIG NO. 7

MORNING TOUR 00°° P.M. 08°° A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		M. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		J. Morgan	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16°° P.M. 24°° P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		P. Hoffe	8
MTRMAN		J. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		T. Bowerchuk	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED — APPROVED

DAILY DRILLING REPORT

REPORT NO. 29

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO ET AL A-1	K68	CARCAJOU K68	3-7-92

OPERATOR	CONTRACTOR	RIG NO.
AMOCO OF CANADA	KENTING PETROLIA DRILLING	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L.R. Hansen	John Jacobse

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ H90	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION K68 65°37'42" N 128°12'23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	54.5 K55	7		17.20	312
	8 5/8	Manns Vlle.	24 #	34			1400

WIRE LINE RECORD REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1 1/8	8	

FT. CUT OFF — PRESENT LENGTH 5000

TON MI. OR TRIPS SINCE LAST CUT 446

CUMULATIVE TON MI. OR TRIPS 446

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL	7¾	9½	8
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE			¼
6. TRIPS			3½
7. LUBRICATE RIG		¼	
8. REPAIR RIG			
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY	¼	¼	
11. WIRE LINE LOGS			
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21. TURN REAMER FINS & RUBBERS			¼
22. ON STABS			
23.			

COMPLETION: A. PERF'R'TN; B. TBG TRIPS; C. TREATING; D. SWABBING; E. TESTING; F. ADDIT'NL; G.

TOTALS 8 8 8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. W.O.O.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD 28

CUMULATIVE ROTATING HRS. 272 3/4

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	Reamer		4.95
1	Stb RMR Tele Sub OD		10.85
25	D.C. ID 6 4/4 OD		721.34
3	Stb RMR 6 4/4 OD		18.55
	D.C. ID OD		
	Stb RMR OD		
1	Shock Sub		8.65
1	Xo Sub		2.20
21	STANDS DP		1973.95
	SINGLES DP		
	KELLY DOWN		9.84
	TOTAL		2750.00

WT. OF STRING 92,000 LBS.

BIT RECORD

BIT NO.	10
SIZE	7 7/8
MFG.	Sm.
TYPE	735
JETS 1/32"	11 11 11
SER. NO.	CT952
DEPTH OUT	
DEPTH IN	2105
TOTAL FTG.	645
TOTAL HRS. RUN	38¾
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	0200	0430
WEIGHT	8.4	8.4
PRESSURE GRADIENT		
VISC.-SEC.	29	29
PV/YP	/	/
GELS.	/	/
WL -CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCR.-S PART'L-P COM.-C
2600	2750	D			54	36	1400	5½	59			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2688	12°	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00°°	06°°	6		DRILL
06°°	06¹⁵	¼		SURVEY
06¹⁵	08°°	1¾		DRILL

DRILLER L. Mattson

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	Reamer		4.95
1	Tele Sub		10.85
25	D.C. ID 6 4/4 OD		721.34
3	Stb RMR 6 4/4 OD		18.55
	D.C. ID OD		
	Stb RMR OD		
1	Shock Sub		8.65
1	XO Sub		2.20
22	STANDS DP		2066.95
	SINGLES DP		
	KELLY DOWN	✓	
	TOTAL		2874

WT. OF STRING 92,000 LBS.

BIT RECORD

BIT NO.	10
SIZE	7 7/8
MFG.	Smith
TYPE	735
JET 1/32"	11 11 11
SER. NO.	CT952
DEPTH OUT	2874
DEPTH IN	2105
TOTAL FTG.	769
TOTAL HRS. RUN	19¼
COND. 1/8's T/B/ GAGE	~~1/1~~ 6 6 / 1
GPM/ PD--PSI	

MUD RECORD

TIME	10:00	12:00	14:00
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	29	29	28
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCR.-S PART'L-P COM.-C
2750	2874	D			54	36	1400	5½	58			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2917	13½	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08°°	08¹⁵	¼		DRLG.
08¹⁵	08³⁰	¼		Pipe Slick — Pipe Rams Okay
08³⁰	3¹⁵	4¾		DRLG.
3¹⁵	13²⁰	¼		SURVEY
13²⁰	16°°	2¼		DRLG.

DRILLER L. Rykes

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	Reamer		4.95
1	Tele Sub		10.85
25	D.C. ID 6 4/4 OD		721.34
3	Stb RMR 6 4/4 OD		18.55
	D.C. ID OD		
	Stb RMR OD		
1	Sw. Sub		8.65
1	XO Sub		2.20
22	STANDS DP		2066.95
2	SINGLES DP		63.25
	KELLY DOWN		23.29
	TOTAL		2920.00

WT. OF STRING 94,000 LBS.

BIT RECORD

BIT NO.	RR#6
SIZE	7 7/8
MFG.	Smith
TYPE	435
JETS 1/32"	10 10 12
SER. NO.	HT175
DEPTH OUT	
DEPTH IN	2874
TOTAL FTG.	46
TOTAL HRS. RUN	3
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	1000	11°°	
WEIGHT	8.4	8.4	
PRESSURE GRADIENT			
VISC.-SEC.	28	28	
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCR.-S PART'L-P COM.-C
2874	2920	D			45	35	1325	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2864	13½°							

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16°°	16¹⁵	¼		CIRC.
16¹⁵	18¹⁵	2		DROP SURVEY & HOIST BREAK 1ST — 3RD DRILL COLLAR & MAKE UP TURN FINS ON REAMER & CHANGE RUBBERS ON STABS.
18¹⁵	19³⁰	1¼		RUN IN W/ BIT
19³⁰	21°°	1½		DRILL
21°°	24°°	3		

DRILLER L. Rykes

DRILLING CREW PAYROLL DATA

DATE 3-7-92

WELL NAME & NO. AMOCO CARCAJOU K68

COMPANY KENTING PETROLIA

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 00°° P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		C. Mattson	8
DRKMAN		F. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Swarp	8
DRKMAN		K. Johnsen	8
MTRMAN		A. Swarp	8
FIREMAN			
FLRMAN		A. Morgan	8
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16°° P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		P. Hofer	8
MTRMAN		J. Plunkie	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		J. Lowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED APPROVED

DAILY DRILLING REPORT — REPORT NO. 28

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO ET AL A-1	K68	CARCAJOU K68	3-6-72

OPERATOR	CONTRACTOR	RIG NO.
AMOCO OF CANADA	KENTING PETROLIA DRILLING	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L. K. HANSEN	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ H90	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	DA500	16
2	EMSCO	D500	16

LOCATION K68 65° 37' 42" N 128° 12' 23" W

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
13 3/8	YOUNGS TOWN	54.5 K55	7		17.20	312
8 5/8	MANNS VILLE	24 11	34			1400

WIRE LINE RECORD — REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1 1/8	8	

FT. CUT OFF — PRESENT LENGTH 5000

TON MI. OR TRIPS SINCE LAST CUT 446

CUMULATIVE TON MI. OR TRIPS 446

DRILLING CREW PAYROLL DATA

DATE 3-6-72

WELL NAME & NO. AMOCO ET AL CARCAJOU K68

COMPANY KENTING PETROLIA

TOOL PUSHER _____ RIG NO. 7

MORNING TOUR 00⁰⁰ P.M. 08⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A CRAIG	8
DRKMAN		O BYER	8
MTRMAN		M THOMPSON	8
FIREMAN			
FLRMAN		C BRAUN	8
FLRMAN		B BORDENIUK	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. SHARP	8
DRKMAN		K. JOHNSON	8
MTRMAN		A. SHARP	8
FIREMAN			
FLRMAN		A. MORGAN	8
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL	7½	7½	7¼
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE			
6. TRIPS			
7. LUBRICATE RIG		¼	¼
8. REPAIR RIG			
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY	½	¼	½
11. WIRE LINE LOGS			
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21.			
22.			
23.			
COMPLETION A. PERF'R'TN			
B. TBG TRIPS			
C. TREATING			
D. SWABBING			
E. TESTING			
F. ADDIT'NL			
G.			
TOTALS	8	9	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	

STBY 21 HRS

TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	27
CUMULATIVE ROTATING HRS.	254½
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.		FT.	BIT RECORD	
	BIT		BIT NO.	10
1	REAMER	4.95	SIZE	7 7/8
1	STB RMR TEAR SUB OD	10.85 FT.	MFG.	SM.
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	J3S
3	STB RMR 6¼ OD	18.55 FT.	JETS 1/32"	11 11 11
	D.C. ID OD	FT.	SER. NO.	CJ952
	STB RMR OD	FT.	DEPTH OUT	
1	SHOCK SUB.	8.65	DEPTH IN	2105
1	XO SUB	2.20	TOTAL FTG.	250
			TOTAL HRS. RUN	16¼
16	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
2	SINGLES DP	1566.24 FT.	GPM/ PD--PSI	
	KELLY DOWN	22.22 FT.		
	TOTAL	2355 FT.		
WT. OF STRING		88000 LBS.		

MUD RECORD

TIME	0200	0430	0700
WEIGHT	9.4	9.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	29	29	29
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PART'L--P COMP'D--C
2224	2355	D			54	38	1400	5½	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2217	9	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰¹	01³⁰	1½		DRILL.
01³⁰	02⁰⁰	½		SURVEY
02⁰⁰	08⁰⁰	6		DRILL.

DRILLER A. Mattson

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.		FT.	BIT RECORD	
	BIT		BIT NO.	10
1	REAMER	4.95	SIZE	7⅞
1	STB RMR TEAR SUB OD	10.85 FT.	MFG.	SMITH
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	J3S
3	STB RMR 6¼ OD	18.55 FT.	JET 1/32"	11 11 11
	D.C. ID OD	FT.	SER. NO.	CT952
	STB RMR OD	FT.	DEPTH OUT	
1	SHOCK SUB	8.65	DEPTH IN	2105
1	XO SUB	2.20	TOTAL FTG.	385
			TOTAL HRS. RUN	23¾
18	STANDS DP	1691.95 FT.	COND. 1/8's T/B/ GAGE	
	SINGLES DP	FT.	GPM/ PD--PSI	
	KELLY DOWN	31.51 FT.		
	TOTAL	2490.00 FT.		
WT. OF STRING		89000 LBS.		

MUD RECORD

TIME	0800	1200	1500
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	29	29	29
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S. P. M.	METHOD RUN SGL--S PART'L--P COMP'D--C
2355	2490	135	D		54	38	1400	5½	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2393	9°	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰	08³⁰	½		DRLG
08³⁰	08⁴⁵	¼		SURVEY
08⁴⁵	09⁰⁰	¼		RIG SERV PIPE RAMS KELLY COCK O.K
09⁰⁰	16⁰⁰	7		DRLG

DRILLER Allan Craig

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.		FT.	BIT RECORD	
1	REAMER	4.95 FT.	BIT NO.	10
1	NEAR SUB	10.85 FT.	SIZE	7⅞
	STB RMR OD	FT.	MFG.	SMITH
25	D.C. ID 6¼ OD	721.34 FT.	TYPE	J3S
3	STB RMR 6¼ OD	18.55 FT.	JETS 1/32"	11 11 11
	D.C. ID OD	FT.	SER. NO.	CT952
	STB RMR OD	FT.	DEPTH OUT	
1	SHOCK SUB	8.65	DEPTH IN	2105
1	XO SUB	2.20	TOTAL FTG.	485
			TOTAL HRS. RUN	31
19	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	DRLG.
1	SINGLES DP	1881.11 FT.	GPM/ PD--PSI	
	KELLY DOWN	25.35 FT.		
	TOTAL	2610 FT.		
WT. OF STRING		90,000 LBS.		

MUD RECORD

TIME	1600	1900	2000
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PART'L--P COMP'D--C
2490	2600	D			54	38	1400	5½	58			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2488	9°	X	2562	10½	X			

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1630	½		DRLG
1630	1645	¼		SURVEY
1645	1700	¼		RIG SERVICE
1700	2300	6		DRLG.
2300	2315	¼		SURVEY
2315	2400	¾		DRLG.

DRILLER

Form 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED — APPROVED

DAILY DRILLING REPORT — REPORT NO. 27

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	Carcajou K68	3-5-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Kenting Petrolia Drilling.	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L.K. Hansen		John Jacobsen	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ H90	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	D500	16

LOCATION K-D8 65°37'42" N 128°-12'23" W.

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
13 3/8	Youngs Town	54.5 K55	7		17.20	312
8 5/8	Manns Ville	24 #	34			1400

WIRE LINE RECORD REEL NO. 1

SIZE	NO. LINES	FT. SLIPPED
1/8	8	

FT. CUT OFF — PRESENT LENGTH 5000

TON MI. OR TRIPS SINCE LAST CUT 410

CUMULATIVE TON MI. OR TRIPS 410

DRILLING CREW PAYROLL DATA

DATE 3-5-72

WELL NAME & NO. KENTING PETROLIA K68

COMPANY AMOCO CARCAJOU

TOOL PUSHER — RIG NO. 7

MORNING TOUR 00⁰⁰ P.M. 08⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		E. TOMCZAK	8
FIREMAN			
FLRMAN		M. TURMAN	8
FLRMAN		M THOMPSON	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

DAY TOUR — A.M. — P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A CRAIG	8
DRKMAN		O BYER	8
MTRMAN		M THOMPSON	8
FIREMAN			
FLRMAN		G BRAUN	8
FLRMAN		B BORDENIUK	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. SHARP	8
DRKMAN		K. JOHNSON	8
MTRMAN		A. SHARP	8
FIREMAN			
FLRMAN		J. MORGAN	8
FLRMAN			
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL		1½	9¼
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE	1		
6	TRIPS	4	3	
7	LUBRICATE RIG			¼
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			½
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST	1		
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	MAKE UP TESTING T.	1½		
22	WAIT DAYLITE	½		
23	LAY DOWN TEST		1	
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING		2½	
	F. ADDIT'NL			
	G.			
TOTALS			8	8½

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS. 232 1/4

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	REAMER		4.95
1	STB RMR Tele Sub OD		10.85 FT.
25	D.C. ID 6¼ OD		721.34 FT.
3	STB RMR 6¼ OD		18.55 FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
1	XO SUB		2.20
14	STANDS DP		1315.84 FT.
	SINGLES DP		FT.
	KELLY DOWN		31.22 FT.
	TOTAL		2105 FT.
WT. OF STRING		84000	LBS.

BIT RECORD

BIT NO.	9
SIZE	7 7/8
MFG.	Sm
TYPE	535
JETS 1/32"	10 10 12
SER. NO.	D5190
DEPTH OUT	2105
DEPTH IN	1770
TOTAL FTG.	335
TOTAL HRS. RUN	12¾
COND. 1/8's T/B/ GAGE	1 6 4
GPM/ PD-PSI	

MUD RECORD

TIME	0100
WEIGHT	8.35
PRESSURE GRADIENT	
VISC.-SEC.	28
PV/YP	/ / /
GELS.	/ / /
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
2105							1500	5½	54			
				CHECK MOTOR SHUT OFFS & HYDRIL - O.K.								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2105	7½	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰¹	01⁰⁰	1		CIRC.
01⁰⁰	03⁰⁰	2		DROP SURVEY & HOIST TO TEST.
03⁰⁰	04³⁰	1½		MAKE UP TESTING TOOL.
04³⁰	06³⁰	2		RUN IN & HEAD UP TO TEST.
06³⁰	07⁰⁰	½		WAIT TO OPEN TOOL
07⁰⁰	08⁰⁰	1		DST. #3

DRILLER G. Mattson

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	REAMER		4.95
1	STB RMR Tele Sub OD		10.85 FT.
25	D.C. ID 6¼ OD		721.34 FT.
3	STB RMR 6¼ OD		18.55 FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
1	XO SUB		2.20
1	SHOCK SUB		8.65
14	STANDS DP		1315.84 FT.
	SINGLES DP		FT.
	KELLY DOWN		40.62 FT.
	TOTAL		2120.00
WT. OF STRING		84000	LBS.

BIT RECORD

BIT NO.	10
SIZE	7 7/8
MFG.	SMITH
TYPE	7J5
JET 1/32"	11 11 11
SER. NO.	CT952
DEPTH OUT	
DEPTH IN	2105
TOTAL FTG.	15
TOTAL HRS. RUN	1½
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	14³⁰
WEIGHT	8.3
PRESSURE GRADIENT	
VISC.-SEC.	28
PV/YP	/ / /
GELS.	/ / /
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
2105	2120	15	0		42	35M	1450	5½	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰				DST #3-2030-2105 5 MIN PREFLOW ISI 45 MIN, FO 60 MIN, FSI 60 MIN. REC 40' FRESH WATER, 1 HYD 904, ISIP 765, IFP 49, FFP 65, FSIP 81 FHYD 904
	10³⁰	2½		
10³⁰	11³⁰	1		TRIP OUT WITH DST. SHOW
11³⁰	12³⁰	1		LAY DOWN TEST TOOL
12³⁰	14³⁰	2		RUN IN HOME & PICK UP SHOCK SUB
14³⁰	16⁰⁰	1½		DRLG

DRILLER Allen Craig

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	REAMER		4.95
1	TELE SUB		10.85 FT.
25	D.C. ID 6¼ OD		721.34 FT.
3	STB RMR 6¼ OD		18.55 FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
1	XO SUB		2.20
1	SHOCK SUB		8.65
15	STANDS DP		FT.
1	SINGLES DP		440.48 FT.
	KELLY DOWN		11.78 FT.
	TOTAL		2229.00
WT. OF STRING		96,000	LBS.

BIT RECORD

BIT NO.	10
SIZE	7 7/8
MFG.	SMITH
TYPE	7J5
JETS 1/32"	11 11 11
SER. NO.	CT952
DEPTH OUT	
DEPTH IN	2105
TOTAL FTG.	~~124~~ 119
TOTAL HRS. RUN	9 3/4
COND. 1/8's T/B/ GAGE	DRLG
GPM/ PD-PSI	

MUD RECORD

TIME	1600
WEIGHT	84
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
2120	2229	D			43	39	1400	5½	58			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2186	1¾ DEV.	S						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1615	¼		RIG SERVICE
1615	2245	6½		DRLG.
2245	2315	½		SURVEY - M. SRUN
2315	2400	¾		DRLG

DRILLER J. Sharp

DAILY DRILLING REPORT — REPORT NO. 26

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO ET AL A-1	K68	CARCAJOU K68	3-4-72

OPERATOR	CONTRACTOR	RIG NO.
AMOCO of CANADA	KENTING PETROLIA DRILLING	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L. R. Hansen	D Baker.

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.
4"	15.3	E		3½ H90	1

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	DA500	16
2	EMSCO	D500	16

LOCATION K-68 65° 37' 42" N 128° 12' 23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	YOUNGSTOWN	S45 K55	7		17.20	312
	8 5/8	MANNSVILLE	24 #	34			1400

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
1 1/8	8	

FT. CUT OFF — PRESENT LENGTH 5000

TON MI. OR TRIPS SINCE LAST CUT 360

CUMULATIVE TON MI. OR TRIPS 360

DRILLING CREW PAYROLL DATA

DATE 3-4-1972

WELL NAME & NO. AMOCO CARCAJOU K-68

COMPANY KENTING PETROLIA.

TOOL PUSHER D Baker. RIG NO. 7

TIME DISTRIBUTION — HOURS

CODE NO. — OPERATION	MORN.	DAY	EVE.
1. RIG UP AND TEAR DOWN			
2. DRILL ACTUAL	7¼	2	[illegible]
3. REAMING			
4. CORING			
5. CONDITION MUD & CIRCULATE		5¼	T¼
6. TRIPS		¼	3¼
7. LUBRICATE RIG		¼	[illegible]
8. REPAIR RIG	½		
9. CUT OFF DRILLING LINE			
10. DEVIATION SURVEY	¼	¼	[illegible]
11. WIRE LINE LOGS			
12. RUN CASING & CEMENT			
13. WAIT ON CEMENT			
14. NIPPLE UP B.O.P.			
15. TEST B.O.P.			
16. DRILL STEM TEST			
17. PLUG BACK			
18. SQUEEZE CEMENT			
19. FISHING			
20. DIR. WORK			
21.			
22.			
23.			
COMPLETION A. PERF'R'T'N			
B. TBG TRIPS			
C. TREATING			
D. SWABBING			
E. TESTING			
F. ADDIT'NL			
G.			
TOTALS	8	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAYWORK

NO. OF DAYS FROM SPUD 25

CUMULATIVE ROTATING HRS. 222 1/2

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) — BIT RECORD — MUD RECORD

NO.	DRILLING ASSEMBLY	FT.
	BIT	
1	REAMER	4.95
1	STB TELE RMR SUB OD	10.85 FT.
25	D.C. ID 6¼ OD	721.34 FT.
3	STB RMR 6¼ OD	18.55 FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	X.O SUB	2.20
13	STANDS DP	FT.
1	SINGLES DP	12.52.60 FT.
	KELLY DOWN	41.40 FT.
	TOTAL	2051.89 FT.
WT. OF STRING	84 000 LBS.	

BIT RECORD	
BIT NO.	9
SIZE	7 7/8
MFG.	SM.
TYPE	535
JETS 1/32"	10 10 11
SER. NO.	D5790
DEPTH OUT	
DEPTH IN	1770
TOTAL FTG.	281
TOTAL HRS. RUN	10 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD			
TIME	0230	0430	0645
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.--SEC.	29	29	29
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD — MUD RECORD

NO.	DRILLING ASSEMBLY	FT.
	BIT	
1	REAMER	4.95
1	STB TELE RMR SUB OD	10.85 FT.
25	D.C. ID 6¼ OD	721.34 FT.
3	STB RMR 6¼ OD	18.55 FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	X.O SUB	2.20
14	STANDS DP	1315.84 FT.
	SINGLES DP	FT.
	KELLY DOWN	31.22 FT.
	TOTAL	2105.00 FT.
WT. OF STRING	84,000 LBS.	

BIT RECORD	
BIT NO.	9
SIZE	7 7/8
MFG.	SMITH
TYPE	535
JET 1/32"	10 10 11
SER. NO.	D5790
DEPTH OUT	2105
DEPTH IN	1770
TOTAL FTG.	335
TOTAL HRS. RUN	12 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD			
TIME	~~0230~~	~~0430~~	~~0645~~
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.--SEC.	29	29	29
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD — MUD RECORD

NO.	DRILLING ASSEMBLY	FT.
	BIT	
1	REAMER	4.95
1	STB TELE RMR SUB OD	10.85 FT.
25	D.C. ID 6¼ OD	721.34 FT.
3	STB RMR 6¼ OD	18.55 FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	X.O SUB	2.20
14	STANDS DP	1315.84 FT.
	SINGLES DP	FT.
	KELLY DOWN	31.22 FT.
	TOTAL	2105.00 FT.
WT. OF STRING	84,000 LBS.	

BIT RECORD	
BIT NO.	9
SIZE	7 7/8
MFG.	SMITH
TYPE	535
JETS 1/32"	10 10 11
SER. NO.	D5790
DEPTH OUT	2105
DEPTH IN	1770
TOTAL FTG.	335
TOTAL HRS. RUN	12 3/4
COND. 1/8's T/B/ GAGE	1 1 G
GPM/ PD--PSI	10 WST

MUD RECORD			
TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.--SEC.			
PV/YP			
GELS.			
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE — FORMATION — DRILLING DATA

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PARL--P COM'PD--C
1850	2051	D			64	45	1500	5½	54			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1895	7 1/8	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰⁰	02⁴⁵	2¾		DRILL.
02⁴⁵	03⁰⁰	¼		SURVEY
03⁰⁰	04⁴⁵	1¾		DRILL.
04⁴⁵	05¹⁵	½		WORK ON PUMP AIR LINES.
05¹⁵	08⁰⁰	2¾		DRILL.

DRILLER L. Mattson

FOOTAGE — FORMATION — DRILLING DATA

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PARL--P COM'PD--C
2051	2105	54	1									

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2051	7 1/8	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰	08¹⁵	¼		CIRCULATE + SURVEY
08¹⁵	08³⁰	¼		RIG SER ✓ B.O.P + KELLY COCK O.K.
08³⁰	10³⁰	2		DRLG
10³⁰	14⁰⁰	3½		CIRCULATE SAMPLE (CIRC SAMPLE ½ HR.)
14⁰⁰	14¹⁵	¼		TRIP TO 1350'
14¹⁵	16⁰⁰	1¾		CIRCULATE

DRILLER A CRAIG

FOOTAGE — FORMATION — DRILLING DATA

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL--S PARL--P COM'PD--C
2105				CIRC IN CASING			1350	5½	50			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1815	2¼		CIRCULATE TO VIST.
1815	1830	¼		RUN IN 60 STDS ~~1/4~~ ½ FILL
1830	1930	1		CIRC ONE BOTT OFF BTM.
1930	1945	¼		HOIST TO 1350'
1945	2315	3½		CIRC TO VIST.
2315	2330	¼		RUN IN 60 STDS ½ FILL
2330	2400	½		CIRC OFF BTM TO VIST.

DRILLER [signature]

MORNING TOUR 00⁰⁰ P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A CRAIG	8
DRKMAN		D BYER	8
MTRMAN		M THOMPSON	8
FIREMAN			
FLRMAN		G BRAUN	8
FLRMAN		B BORDENIUK	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		M. SHARP	8
DRKMAN		K JOHNSON	8
MTRMAN		H. SHARP	8
FIREMAN			
FLRMAN		A. MORGAN	8
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

PETROLIA OILWELL DRILLING LTD.

APPROVED APPROVED

DAILY DRILLING REPORT — REPORT NO. 25

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A.	K68	Carcajou K-68	3-3-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L. A. Hansen		D Barton	

LOCATION K-68, 65° 37' 42" N, 128° 12' 13" W

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	"	"

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	12 3/4	Youngstown	33.5 K55	7			312
	8 5/8	Stanmore Ville	24 "	34			1460

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

DRILLING CREW PAYROLL DATA

DATE 3-3-72
WELL NAME & NO. Amoco K68
COMPANY Kenting Petrolia
TOOL PUSHER D Barton RIG NO. 7

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			3½
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE	1½		
6	TRIPS	2½	2¼	4½
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST	½	5¾	
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	Handle tool	2	½	
22	Head up test	½		
23	Watch Daylight	1		
COMPLETION	A. PERF'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
	TOTALS	8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. W/O D.P.
HRS. STANDBY
TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	8" Sub	4.01	
	STB RMR OD		FT.
23	D.C. 6¼ OD ID	663.33	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO Sub	2.20	
11	STANDS DP	1033.67	FT.
1	SINGLES DP	31.07	FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING	70,000		LBS.

BIT RECORD

BIT NO.	8 RC
SIZE	7 7/8
MFG.	Smith
TYPE	4J5
JETS 1/32"	10 10 N
SER. NO.	HT175
DEPTH OUT	1770
DEPTH IN	1701
TOTAL FTG.	69
TOTAL HRS. RUN	3½
COND. 1/8" T/B/ GAGE	6000
GPM/ PD-PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL.-CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE FROM	FOOTAGE TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR.-P COM.-C
1770												
				CHECKED MOTOR SHUTOFF'S & BOP'S (OK)								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1770	7°							

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰¹	01³⁰	1½		Circulate — Pipe Tally 1776.70
01³⁰	03⁰⁰	1½		Drop Survey — Strap Out .06 — Strap 1776.64
03⁰⁰	05⁰⁰	2		Pickup 4 DC's & Test Tools — Makeup Same
05⁰⁰	06⁰⁰	1		Run in w/ D.S.T.
06⁰⁰	06³⁰	½		Head up Test
06³⁰	07³⁰	1		Wait On Daylight
07³⁰	07⁴⁵	¼		Prefl ow F/5 min.
07⁴⁵	08⁰⁰	¼		Initial Shut In

DRILLER L Ryks

MORNING TOUR — 00⁰⁰ P.M. — 08⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kellner	8
MTRMAN		P Hoefer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		T Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

FOOTAGE FROM	FOOTAGE TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR.-P COM.-C
1770												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰	10⁰⁰	2		Open Tool
10⁰⁰	13¹⁵	3¼		Shut In Tool.
13¹⁵	14¹⁵	1		Tear Out Testing Head
14¹⁵	16⁰⁰	1¾		Tear Out Testing Tools.
				DST #2 1640 - 1770 - 5 min Pre Flow Good Initial Blow I.S.I. 30. V.O. 100 min F.S.I. 200 min Rec 1362' Freshwater
				I.H.P.D. 755# I.S.I. 716# IF 444# F.F. 677# F.S.I. 716#
				F.H.P.D. 755# Rec 1362' Freshwater

DRILLER A Watson

DAY TOUR — 08⁰⁰ A.M. — 16⁰⁰ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Matson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tillman	8
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

FOOTAGE FROM	FOOTAGE TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.-S PAR.-P COM.-C
1770	1850	80			62	45	1500	5½	55			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16⁰⁰	20³⁰	4½		Run in Hole Picking up Non Rotating Stabilizers Near Bit Reamer & Two Drill Collars
20³⁰	2400	3½		Drlg 7 7/8 Hole

DRILLER Allan Craig

EVENING TOUR — ____ P.M. — ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Craig	8
DRKMAN		D Byer	8
MTRMAN		M Thompson	8
FIREMAN			
FLRMAN		C Braun	8
FLRMAN		B Bordenuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Reamer	4.95	
1	STB RMR Sub OD	10.85	FT.
25	D.C. 6¼ OD ID	721.34	FT.
3	STB RMR OD	18.55	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO Sub	2.20	
11	STANDS DP	1066.65	FT.
1	SINGLES DP	29.46	FT.
	KELLY DOWN		FT.
	TOTAL	1850	FT.
WT. OF STRING	80,000		LBS.

BIT RECORD

BIT NO.	9
SIZE	7 7/8
MFG.	Smith
TYPE	5JS
JETS 1/32"	10 10 11
SER. NO.	OJ790
DEPTH OUT	
DEPTH IN	1770
TOTAL FTG.	80
TOTAL HRS. RUN	3½
COND. 1/8" T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	20³⁰	24⁰⁰
WEIGHT	8.3	8.3
PRESSURE GRADIENT		
VISC.-SEC.	28	28
PV/YP		
GELS.		
WL.-CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAILY DRILLING REPORT NO. 24

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ft Mc A.	K 68	Cartayou	3-2-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L. R. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Baker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DB500	16
2	"	"	"

LEGAL LAND DESCRIPTION: K 68, 65°37"42'128°12'13"W

WIRE LINE RECORD — REEL NO.

	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
LAST CASING TUBING OR LINER	13⅜	Youngstown	54.5-K55	7			312
		Manville	24 #	34			1400

WIRE LINE RECORD: SIZE | NO. LINES | FT. SLIPPED; FT. CUT OFF | PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS

DRILLING CREW PAYROLL DATA

DATE 3-2-72

WELL NAME & NO. Amoco K 68

COMPANY Kenting Petrolia

TOOL PUSHER D Baker RIG NO. 7

MORNING TOUR 00⁰⁰ P.M. 08⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	8
MTRMAN		R. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08⁰⁰ A.M. 16⁰⁰ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16⁰⁰ P.M. 24⁰⁰ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Craig	8
DRKMAN		O Byer	8
MTRMAN		M Thompson	8
FIREMAN			
FLRMAN		G Braun	8
FLRMAN		E Garstad	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION – HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	2½	3½	
3	REAMING			
4	CORING	2½		
5	CONDITION MUD & CIRCULATE BBL	¼	3¼	7
6	TRIPS	3½	3¼	1
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	Recover Core	¼		
22	SERV BBL			
23	Work on BBL	¾		
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS		8	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK TIME

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

STOP - 7AM

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	Core Barrel Type		62.77
1	STB RMR 85 Sub OD		4.01 FT.
19	D.C. ID 6¼ OD		550.03 FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub		2.20
11	STANDS DP		1033.67 FT.
1	SINGLES DP		31.07 FT.
	KELLY DOWN		17.24 FT.
	TOTAL		1701.80 FT.
WT. OF STRING			72000 LBS.

BIT RECORD

BIT NO.	7 RR
SIZE	6 3/16
MFG.	Tuffco
TYPE	◇
JETS 1/32"	
SER. NO.	
DEPTH OUT	1701
DEPTH IN	1693
TOTAL FTG.	25
TOTAL HRS. RUN	7¼
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Reamer		4.95
1	STB RMR Tele Sub OD		10.85 FT.
19	D.C. ID 6¼ OD		550.03 FT.
3	STB RMR 6¼ OD		18.55 FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub		2.20
12	STANDS DP		1158.72 FT.
1	SINGLES DP		FT.
	KELLY DOWN		29.70 FT.
	TOTAL		1770.00 FT.
WT. OF STRING			72000 LBS.

BIT RECORD

BIT NO.	8 RR
SIZE	7⅞
MFG.	Smith
TYPE	4JS
JETS 1/32"	10 10 11
SER. NO.	HT175
DEPTH OUT	
DEPTH IN	1701
TOTAL FTG.	69
TOTAL HRS. RUN	3½
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	1000	1200	1400
WEIGHT	8.35	8.35	8.35
PRESSURE GRADIENT			
VISC.-SEC.	29	29	29
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Reamer		4.95
1	STB RMR Tele Sub OD		10.85 FT.
19	D.C. ID 6¼ OD		550.03 FT.
3	STB RMR 6¼ OD		18.55 FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub		2.20
12	STANDS DP		1158.72 FT.
1	SINGLES DP		FT.
	KELLY DOWN		24.70 FT.
	TOTAL		1770.00 FT.
WT. OF STRING			72000 LBS.

BIT RECORD

BIT NO.	8 RR
SIZE	7⅞
MFG.	Smith
TYPE	4JS
JETS 1/32"	10 10 11
SER. NO.	HT175
DEPTH OUT	
DEPTH IN	1701
TOTAL FTG.	69
TOTAL HRS. RUN	3½
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
1693	1701	C	2	5' Recovered At Top Of Mt Kindle	55	5/10	600	5½	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰⁰	00⁴⁵	¾		Change Bit Sub On Core Bbl. & Ajust Head
00⁴⁵	02⁶⁰	1¼		Run In To Core
02⁰⁰	02¹⁵	¼		Circ. Bbl. On Btm
02¹⁵	04²⁰	2½		Cut Core # 2
04³⁰	05⁹⁵	1¼		Hoist Core - (Bbl Jammed)
05⁴⁵	07⁰⁰	1¼		Recover Core + Serv. Bbl.
07⁰⁰	08⁰⁰	1		Pick Up Reamer + Stabs - Make Up Same
				Held Blow Out Drill

DRILLER L. Ryks

DAY TOUR

FOOTAGE

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	METHOD RUN
1693	1701	R			60	30	1400	5½	52			S
1701	1770	D					1550			5½	55	S

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08⁰⁰	08⁴⁵	¾		Run In W/Bit. Checked Kelly Cock
08⁴⁵	09⁰⁰	¼		Ream 8' Rathole. & Hydril & Pipe Rams OK
09⁰⁰	11³⁰	2½		Drill 7⅞ Hole.
11³⁰	12⁴⁵	1¼		Circ
12⁴⁵	13⁴⁵	1		Drill 7⅞ Hole.
13⁴⁵	16⁰⁰			Circ

Held Blowout Drill.

DRILLER L. Mattson

EVENING TOUR

FOOTAGE

FROM	TO	DR.D RM.R CORE.C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16⁰⁰	20⁰⁰	4		Trip To 1350' & Circulate Slowly
20⁰⁰	20³⁰	½		Run In Hole
20³⁰	24⁰⁰	3½		Circulate

DRILLER

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/72)

DAILY DRILLING REPORT NO. 23

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ex Ak Pt.	K.68	Corcoran K.68	3-1-72

OPERATOR: Amoco of Canada
CONTRACTOR: Kenting Petrolia Drlg RIG NO. 1
SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.R. Hansen
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	"	"

LEGAL LAND DESCRIPTION: K.68, 65°37'42"N. 135°10'13"W

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngstown	54.5 K55	7			312
	8 5/8	Mannesmann Ville	24 K55	34			1400

WIRE LINE RECORD REEL NO.
SIZE | NO. LINES | FT. SLIPPED
FT. CUT OFF | PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS

DRILLING CREW PAYROLL DATA
DATE 3-1-72
WELL NAME & NO. Amoco K 68
COMPANY Kenting Petrolia
TOOL PUSHER D Barker RIG NO. 1

MORNING TOUR

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			1
2	DRILL ACTUAL			
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS		2¾	
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.		1½	
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	REPAIR CASING	8	8	
22	CHECK MANIFOLD			1¼
23	RIG OUT TESTER			1
COMPLETION	A. PERF'RT'N			
	B. TBG. TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G. PICK UP BHA			1½
TOTALS		8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)
HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. WO/D.P.
HRS. STANDBY
TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI--S PART--P COM--C
1693												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 00	00 45	3/4		TRIP OUT
00 45	02 15	1½		DISMANTLE BOPS + PICKUP
02 15				WORK ON PACKOFF SEAL
				PICKUP BUMPER SUB & SPEAR
	08 00			LATCH ONTO C.S.G. & WORK SAME
				TO SET PACKOFF SEAL

DRILLER L. Ryks

DAY TOUR

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI--S PART--P COM--C
1695												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08 00	09 00	1		LATCH ONTO 8⅝ CASING. PULL TO 75,000 & RELEASE
09 00				PICK UP CASING SPOOL. REMOVE SEALS & HANGER.
				WAIT ON ORDERS. REPLACE SEALS IN CASING
	16 00	7		SPOOL HANGER & HEAD UP B.O.P.

DRILLER A. Matteson

DRILLING CREW PAYROLL DATA

MORNING TOUR 00 00 P.M. 08 00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kellimer	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kwerchuk	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08 00 A.M. 16 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCI--S PART--P COM--C
PRESSURE ON BLIND RAMS + 8⅝ CASING SEAL TO 2000 P.S.I. 45 MIN OK												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
PRESSURE TEST EXTENSION TO MANIFOLD 2000 P.S.I. 45 MIN OK.								

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	17 00	1		FINISH HEADING UP
17 00	17 45	¾		PRESSURE TEST BLIND RAM + 8⅝ CASING SEAL
17 45	18 30	¾		PRESSURE TEST EXTENSION TO MANIFOLD
18 30	19 45	1¼		RIG OUT HALIBURTON & CHECK ALL LINES & VALVES IN
				MANIFOLD & BOP & FINISH WITH DIESEL FUEL
19 45	21 00	1¼		RUN IN HOLE & RETRIEVE PACKER
21 00	22 30	1½		PULL OUT SLOW 2330 TO 2403 PICK UP CORE BBL & SER.
22 30	23 30	1		RIG OUT TESTER & SERVICE TOOL

DRILLER Allan Craig

EVENING TOUR P.M. P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Craig	8
DRKMAN		O Byer	8
MTRMAN		M Thompson	8
FIREMAN			
FLRMAN		G Braun	8
FLRMAN		E Garstad	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT NO. 22

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO E-A-A.	K 68	CARCAJOU K 68	2.29.72

OPERATOR	CONTRACTOR	RIG NO.
AMOCO OF CANADA	KENTING PETROLIA	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.K. Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	"	"

LEGAL LAND DESCRIPTION: L.68, 65° 37'42"N, 128° 12'13"W

LAST CASING, TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngstown	54.5 K55	7			312
	8 5/8	Mannesville	24 K55	34			1400

WIRE LINE RECORD REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION – HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			
3	REAMING			1
4	CORING			
5	CONDITION MUD & CIRCULATE			1/2
6	TRIPS			2 1/4
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	W.O.O.			2 1/2
22	MAKE UP TOOL			3/4
23	SET PACKER			1
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
	TOTALS			

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. W/O D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Core Barrel	62.77	
1	STB RMR 8 1/2 OD	4.01	FT.
19	D.C. ID 6 1/4 OD	550.03	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub	2.20	
11	STANDS DP	1033.67	FT.
	SINGLES DP		FT.
	KELLY DOWN	32.32	FT.
	TOTAL	1685.	FT.
WT. OF STRING		72000	LBS.

BIT RECORD

BIT NO.	7
SIZE	6 3/16
MFG.	Tricco
TYPE	8
JETS 1/32"	/ / /
SER. NO.	04-72-DRI-W
DEPTH OUT	
DEPTH IN	1675
TOTAL FTG.	10
TOTAL HRS. RUN	2 1/4
COND. 1/8's T/8 GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	WATER
VISC.-SEC.	
PV/YP	/ / /
GELS.	/ / /
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Core Bbl Jars	62.77	
1	STB RMR 8 1/2 OD	4.01	FT.
19	D.C. ID 6 1/4 OD	550.03	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
1	X-O Sub	2.20	
11	STANDS DP	1064.74	FT.
1	SINGLES DP	13.	FT.
	KELLY DOWN		FT.
	TOTAL	1694	FT.
WT. OF STRING		68000	LBS.

BIT RECORD

BIT NO.	7
SIZE	6 3/16
MFG.	Tricco
TYPE	8
JET 1/32"	
SER. NO.	04-72-DRI-W
DEPTH OUT	
DEPTH IN	1675
TOTAL FTG.	19
TOTAL HRS. RUN	5
COND. 1/8's T/B GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	B.T. Sub	4.01	
	STB RMR OD		FT.
19	D.C. ID 6 1/4 OD	550.03	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
1	STB RMR Junk Sub OD	2.40	FT.
1	X-O Sub	2.20	
11	STANDS DP	1033.67	FT.
2	SINGLES DP	625.7	FT.
	KELLY DOWN	38.40	FT.
	TOTAL	1693.28	FT.
WT. OF STRING		68.000	LBS.

BIT RECORD

BIT NO.	8
SIZE	7 7/8
MFG.	Smith
TYPE	4JS
JETS 1/32"	10 10 11
SER. NO.	HT175
DEPTH OUT	1693
DEPTH IN	1675
TOTAL FTG.	18
TOTAL HRS. RUN	1 1/4
COND. 1/8's T/B GAGE	1 1 1
GPM/ PD-PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	
GELS.	
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PART-P CONT-C
1675	1685	C			60	12	875	5 1/2	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00°°	04°°	4		STRING BLOCKS - PICKUP HOOK - LAY OLD BLOCKS
04°°	05°5	1/4		PICKUP CORE BBL - RUN IN
05°5	05°45	1/2		CIRC. BBL. ON BTM.
05°45	08°°	2 1/4		CUT CORE #1

DRILLER L. Ryks

DAY TOUR

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PART-P CONT-C
1685	1698	C		5ft. Core Recovered	60	12	875	5 1/2	56			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08°°	08°45	3/4		CUT CORE #1
08°45	09°°	1/4		RIG SERVICE, CHECK BOP. & KELLY COCK.
09°°	11°°	2		CUT CORE #1. JAMED OFF.
11°°	12°°	1		HOIST
12	14°45	2 1/4		RECOVER CORE & SERVICE BBL.
14°45	15°45	1		RUN IN W/ BIT.
15°45	16°°	1/4		REAM RAT HOLE.

DRILLER L. Mattson

EVENING TOUR

FOOTAGE

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PART-P CONT-C
1675	1693	18	R	#1 Core 5ft	50	8M	1600	5 1/2				

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1700	1		REAM RAT HOLE
1700	1730	1/2		CIRCULATE TO TRIP
1730	1830	1		TRIP OUT
1830	2100	2 1/2		W.O.O.
2100	2145	3/4		MAKE UP TOOL JOHNSTON TESTERS
2145	2300	1 1/4		STRAP IN TO SET PACKER
2300	2400	1		SET PACKER + START OUT

Set Johnston retrievable plug at 1326

DRILLER Allen Craig

DRILLING CREW PAYROLL DATA

DATE 2. 29. 72

WELL NAME & NO. Amoco K. 68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

MORNING TOUR 00°° P.M. 08°° A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		B. Kelliher	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08°° A.M. 16°° P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR P.M. P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Craig	8
DRKMAN		D Byer	8
MTRMAN		M Thompson	8
FIREMAN			
FLRMAN		G Braun	8
FLRMAN		E Garstad	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT NO. 21

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco F. A. A.	K-68	CARCAJOU K-68	2-28-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia Drlg.	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L. R. Hansen	D. Baker.

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA 500	16
2	"	"	"

LEGAL LAND DESCRIPTION K-68: 65° 37' 42" N. 128° 12' 13" W

WIRE LINE RECORD REEL NO.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngs Town	54.5 K55	7			312
	8 5/8	Mannesmann	24 K55	34			1400

SIZE | NO. LINES | FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

DRILLING CREW PAYROLL DATA

DATE 2-28-72

WELL NAME & NO. Amoco K-68

COMPANY Kenting - Petrolia

TOOL PUSHER D. Baker. RIG NO. 7

MORNING TOUR 00^01 P.M. 08^00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08^00 A.M. 16^00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Craig	8
DRKMAN		D. Byer	8
MTRMAN		M Thompson	8
FIREMAN			
FLRMAN		G Braun	8
FLRMAN		E Garstad	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS			
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS				

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. W/O D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) — BIT RECORD — MUD RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	6
1	Reamer STB RMR Tele Sub OD	495 FT.	SIZE	7 7/8
1		1085 FT.	MFG.	Reed
19	D.C. ID 6 1/4 OD	550.03 FT.	TYPE	SS16
3	STB RMR 6 1/4 OD	18.55 FT.	JETS 1/32"	10 10 11
	D.C. ID OD	FT.	SER. NO.	793874
	STB RMR OD	FT.	DEPTH OUT	
1	X-O Sub	2.20	DEPTH IN	1400
			TOTAL FTG.	261
			TOTAL HRS. RUN	11 3/4
11	STANDS DP	1033.67 FT.	COND. 1/8's T/B/ GAGE	
	SINGLES DP	FT.	GPM/ PD-PSI	
	KELLY DOWN	41.40 FT.		
	TOTAL	1661.63 FT.		
	WT. OF STRING	58,000 LBS.		

MUD RECORD

TIME	0100	0300	0700
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE — FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
1525	1661	D			60	35	1400	5 1/2	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00^01	00^15	1/4		Drill
00^15	01^15	1		Circ. Sample
01^15	01^30	1/4		Drill 10'
01^30	02^15	3/4		Circ Sample
02^15	05^00	2 3/4		Drill
05^00	05^15	1/4		Circ. Sample
05^15	08^00	2 3/4		Drill

DRILLER L. Ryks

DRILLING ASSEMBLY (At end of tour) — BIT RECORD — MUD RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	6
1	Reamer STB RMR Tele Sub OD	4.95 FT.	SIZE	7 7/8
1		10.85 FT.	MFG.	Reed
19	D.C. ID 6 1/4 OD	550.03 FT.	TYPE	SS16
3	STB RMR 6 1/4 OD	18.55 FT.	JET 1/32"	10 10 11
	D.C. ID OD	FT.	SER. NO.	793874
	STB RMR OD	FT.	DEPTH OUT	1675
1	X-O Sub	2.20	DEPTH IN	1400
			TOTAL FTG.	275
			TOTAL HRS. RUN	12 1/2
11	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
1	SINGLES DP	10.64.74 FT.	GPM/ PD-PSI	
	KELLY DOWN	28.00 FT.		
	TOTAL	1675 FT.		
	WT. OF STRING	58,000 LBS.		

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE — FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
1661	1675	D			60	35	1400	5 1/2	57			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1630	5 7/8	X	1675	6 3/4	X			

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08^00	08^15	1/4		Circ Sample.
08^15	08^30	1/4		Rig Service. Check B.O.P. & Kelly Cock O.K.
08^30	08^45	1/4		Survey.
08^45	09^30	3/4		Drill.
09^30	11^45	2 1/4		Circ Sample, Drop Survey & Hoist To Core.
11^45	14^00	2 1/4		Pick Up Core Bbl, Service
14^00	16^00	2		Rig up & pump In Anulus To check For Leak In Casing

DRILLER G. Mattson

FOOTAGE — FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN

EVENING TOUR

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16^00	1830	5 1/2		Rig up Line To Test Packoff Seals. In 8 5/8 Casing & pumping down Anulus To check For leak In Casing
1830	24^00	2 1/2		Stringing New Set of Blocks

DRILLER

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT NO. 20

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO ET AL A.	K 68	CARCAJOU K 65	2,27,72

OPERATOR	CONTRACTOR	RIG NO.
AMOCO OF CANADA	KENTING PETROLIA DRLG.	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L R Hansen

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Baker.

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	DA500	16
2	"	"	"

LEGAL LAND DESCRIPTION: K.68, 65° 37" 42'N 128° 12' 13"W

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	YOUNGSTOWN	54.5 K55	7		17.20	312
	8 5/8	MANNESMANN	24# "	34		"	1400

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

DRILLING CREW PAYROLL DATA

DATE 2, 27-72

WELL NAME & NO. AMOCO K. 68

COMPANY KENTING PETROLIA

TOOL PUSHER D Baker. RIG NO. 7

MORNING TOUR 00°1 P.M. 08°0 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	8
DRKMAN		D. KELLNER	8
MTRMAN		P. HOFER	8
FIREMAN			
FLRMAN		D. FOX	8
FLRMAN		J. KOWERCHUK	8
FLRMAN			

NO. OF DAYS 26 SINCE LAST LOST TIME ACCIDENT 26

DAY TOUR 08°0 A.M. 16°0 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN		B. DIRK	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR _____ P.M. _____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A CRAIG	8
DRKMAN		D BYER	8
MTRMAN		M THOMPSON	8
FIREMAN			
FLRMAN		C BRAUN	8
FLRMAN		E GARSTAD	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			5 3/4
2	DRILL ACTUAL			5 3/4
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			2 3/4
6	TRIPS			
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			1/2
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	REAM Ceiling Sand			1/2
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS				

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour)

NO.			
1	BIT	REAMER	4.95 FT.
1	STB RMR	SUB	10.85 FT.
19	D.C. ID 6 1/4	OD	550.03 FT.
3	STB RMR 6 1/4	OD	18.55 FT.
	D.C. ID	OD	FT.
1	STB RMR	OD	FT.
	XO SUB		2.20
8	STANDS DP		752.77 FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		56000 LBS.

BIT RECORD

BIT NO.	6
SIZE	7 7/8
MFG.	REED
TYPE	SS1G
JET 1/32"	10 10 11
SER. NO.	793874
DEPTH OUT	
DEPTH IN	1400
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour)

NO.			
1	BIT	REAMER	4.95 FT.
1	STB RMR	TEAM SUB	10.85 FT.
19	D.C. ID 6 1/4	OD	550.03 FT.
3	STB RMR 6 1/4	OD	18.55 FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
1	XO SUB		2.20
9	STANDS DP		864.39 FT.
2	SINGLES DP		66.22 FT.
1	KELLY DOWN		28.81 FT.
	TOTAL		1525 FT.
	WT. OF STRING		56,000 LBS.

BIT RECORD

BIT NO.	6
SIZE	7 7/8
MFG.	REED
TYPE	SS1G
JETS 1/32"	10 10 11
SER. NO.	793874
DEPTH OUT	
DEPTH IN	1400
TOTAL FTG.	125
TOTAL HRS. RUN	5 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
BICARB	300#		

MORNING TOUR

FOOTAGE FROM 0 TO 1400 — DR--D RM--R CORE--C — CORE NO. — FORMATION (SHOW CORE RECOVERY)

ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL--S PAR'EL--P COM'PL--C

DEVIATION RECORD — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00°1	08°0	8		W.O.C. HEAD UP B.O.P.

DRILLER L. Ryks

DAY TOUR

FOOTAGE FROM 1400 TO 1525 — DR--D RM--R CORE--C — CORE NO. — FORMATION (SHOW CORE RECOVERY)

ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL--S PAR'EL--P COM'PL--C
60	10	1300	5 1/2	55			

PRESSURE TEST BLIND RAMS TALL MANIFOLD VALVES TO 2400 P.S.I. HELD OK.
PRESSURED 4" RAMS, HYDRIL + KELLY COCK TO 2000 P.S.I. HELD OK.
CHECKED MOTOR SHUTOFFS OK.

DEVIATION RECORD — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08°0	13°0	5		W.O.C. PICK UP STABILIZERS & REAMER.
13°0	15°0	2		PRESSURE TEST
15°0	16°0	1		DRILL OUT FLOAT COLLAR CEMENT & SHOE. FELT TOP OF CEMENT AT 1355' TOP OF FLOAT @ 1357.

DRILLER L. Mattson

EVENING TOUR

FOOTAGE FROM 1400 TO 1525 — DR--D RM--R CORE--C — CORE NO. 1 — FORMATION (SHOW CORE RECOVERY) 125' Top of Shoe 1398

ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL--S PAR'EL--P COM'PL--C
60	35	1430	5 1/2	57			

DEVIATION RECORD — DEPTH 1473 — DEV. 5 1/4° — DIRECTION — DEPTH — DEV. — DIRECTION — DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16°0	16°30	1/2		FINISH DRILLING OUT CEMENT & SHOE
16°30	19°30	3		DRLG 7 7/8 HOLE
19°30	20°0	1/2		CIRCULATE & SURVEY
20°0	22°0	2		DRLG 7 7/8 HOLE
22°0	22°30	1/2		CIRCULATE SAMPLE
22°30	22°45	1/4		DRLG 7 7/8 HOLE
22°45	23°30	3/4		CIRCULATE SAMPLE
23°30	24°0	1/2		DRLG

DRILLER Allan Craig

FORM 3T5

APPROVED (A.A.O.D.C. seal)

APPROVED (A.P.I. seal)

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED (CAODC) (Rev. Jan. 1/71)

DAILY DRILLING REPORT REPORT NO.

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ft. A. A.	K-68	Operation K-68	4-26-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L.K. Hansen		D.A. Barker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	"	"

LEGAL LAND DESCRIPTION: K-68 65° 37' 42" 128° 17' 13" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngstown	54.5# K-55	7		11.20	312

WIRE LINE RECORD REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL-ACTUAL			
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE			
6.	TRIPS			
7.	LUBRICATE RIG			
8.	REPAIR RIG			
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY			
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.				
22.				
23.				
COMPLETION	A. PERF'K'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
	TOTALS			

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. WO/D.P.
HRS. STANDBY

TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCS--S PAR'L--P COM'PL--C
1400												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	0800	8		Circ 8 5/8 Casing - Wait on Cement Head, Make Casing Every 15 Mins To

DRILLER

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JET 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S. P. M.	METHOD RUN SCS--S PAR'L--P COM'PL--C
1400												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1800	1600	8		Wait on Cement Head

DRILLER L. Ryks

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	D.C. ID	OD	FT.
	STB RMR	OD	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCS--S PAR'L--P COM'PL--C
1400												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1730	1 1/2		Rig To Cement 8 5/8 Casing.
1730	2000	2 1/2		Cement Casing W/750 Sax Inland Cement.
2000	2400	4		Set Casing Slips, Cut Casing & Head Up BOP
				Ran Cementer 314 ft 24# K55 8 5/8 Casing with float shoe & Collar cemented with 750 sax neat cement, bumped plug with 1400 PSI. 10 bbls returns landed on bottom 7:40 PM 4-26-72 L.K.H.

DRILLER L. Mattson

EVENING TOUR

DRILLING CREW PAYROLL DATA

DATE 4-26-72.
WELL NAME & NO. Amoco Ft. A.A. Operation K-68
COMPANY Kenting Petrolia
TOOL PUSHER D.A. Barker. RIG NO. 7

MORNING TOUR 0800 P.M. 6900 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Shart	8
DRKMAN		K. Johnson	8
MTRMAN		H. Shart	8
FIREMAN			
FLRMAN		E. Benoit	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tillman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT NO. 17

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO ET AL A1	K-68	PROPOSED	2-25-72
OPERATOR		CONTRACTOR	RIG NO.
AMOCO OF CANADA		KENTING DRILLING	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER	
D.K. Cook		D.K. Barker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	DA-360	16
2	"	"	"

LEGAL LAND DESCRIPTION: K-68, 65, 37, 42-4, 128, 12, 15 W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	HOUNSFIELD STEEL	54.5 K-55	7		1720	3112

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

DRILLING CREW PAYROLL DATA

DATE 2-25-72.

WELL NAME & NO. AMOCO ET AL A1 CAMPION K-68

COMPANY KENTING DRILLING

TOOL PUSHER D.K. Barker. RIG NO. 7

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS	1"		
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS	12½		
12	RUN CASING & CEMENT			8
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	RIG UP LOGGERS 12			
22				
23				
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		9		

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		FT.
1	REAMER	6.41	
1	STB RMR OD 24 3/8	2.77	FT.
5	D.C. ID 7 1/16 OD 9 1/2	154.08	FT.
	STB RMR OD		FT.
19	D.C. ID 6 1/4 OD 9 1/2	550.03	FT.
	STB RMR OD		FT.
3	STABS	24.85	
1	HD SUB	2.60	
1	HD SUB	2.30	
6	STANDS DP		FT.
2	SINGLES DP	62.86	FT.
	KELLY DOWN	32.40	FT.
	TOTAL	1400.10	FT.
WT. OF STRING		76,000	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCHL--S PAR FL--P COMP--C
1400												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 01	06 30	6½		LOGGING 12 1/4 HOLE
06 30	07 00	½		RIG OUT LOGGERS
07 00	08 00	1		RUNNING CSNG HOLE

DRILLER [signature]

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

MORNING TOUR 00 01 P.M. 08 30 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. SNIDL	12
DRKMAN		K. HOUNSON	12
MTRMAN		H. SNIDL	12
FIREMAN			
FLRMAN		F. BRIDI	12
FLRMAN		F. GUSTAVSON	12
FLRMAN			

of Amoco Request

Run Csg [signature]

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		FT.
			f
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JET 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	1000
WEIGHT	8.7
PRESSURE GRADIENT	
VISC.--SEC.	32
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1800		
Benex	3#		

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCHL--S PAR FL--P COMP--C
1400												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08 00	08 30	½		RUN IN
08 30	10 30	2		CIRC. + MIX MUD TO RUN CSG.
10 30	13 00	2½		HOIST TO RUN CSG. - LAY 5 - 7" D.C.S + STABS.
13 00	16 00	3		RIG TO RUN CSG + RETRIEVE WEAR BUSHING OUT OF CSG. BOWL

DRILLER L. Lyks

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08 00 A.M. 16 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	10
DRKMAN		D. KELLIHER	10
MTRMAN		P. HOFER	10
FIREMAN			
FLRMAN		D. FOX	10
FLRMAN		J. KOWERCHUK	10
FLRMAN			

of Amoco Request for Csg [signature]

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCHL--S PAR FL--P COMP--C
1400												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	21 00	5		MAKE UP FLOAT & SHOE & PICK UP 8 5/8 CASING.
21 00	22 00	1		CIRC. CASING.
22 00	24 00	2		CEMENT CASING, SWEDGE BROKE, WELD SAME & PUMP CEMENT TO SUMP.
				RUN 50 SAX FONDUE CEMENT
				& 150 SAX INLAND.

DRILLER L. Mattson

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16 00 P.M. 24 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN		B. DIRK	8
FLRMAN			

DAILY DRILLING REPORT NO. 16

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ft. A. A1	K-68	Operation K-68	2-24-72
OPERATOR		CONTRACTOR	RIG NO.
Amoco Prod.		Kenting Peroxia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER	
D Lacy		D Baker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT. I.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D850	16
2	Emsco	D850	16

LEGAL LAND DESCRIPTION K-68, S 37 42 N 128 12 13 W

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/4	Youngstown	54.5 K-55	7		1720	2132

WIRE LINE RECORD REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	7 1/2	6 1/2	1 1/4
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			3/4
6	TRIPS			1
7	LUBRICATE RIG		1/4	
8	REPAIR RIG	1/4		
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY	1/4	1 1/4	
11	WIRE LINE LOGS			5
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS		1	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. WO/D.P.
HRS. STANDBY
TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.	BIT		FT.
1	Reamer		6.41
1	STB RMR Bell Sub OD		2.77 FT.
5	D.C. ID 7 1/16 OD		154.08 FT.
	STB RMR OD		FT.
19	D.C. ID 6 1/4 OD		550.03 FT.
	STB RMR OD		FT.
3	Stabs		24.85
1	XO Sub		2.60
1	XO Sub		2.20
5	STANDS DP		469.00 FT.
1	SINGLES DP		31.38 FT.
	KELLY DOWN	DOWN	FT.
	TOTAL		1284.34 FT.
WT. OF STRING		65000	LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	Sec
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	375
TOTAL FTG.	909
TOTAL HRS. RUN	53
COND. 1/8" T/B/ GAGE	1 1 WT
GPM/ PD-PSI	DRLG

MUD RECORD

TIME	0700	0400	0600
WEIGHT	8.6	8.6	8.6
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Under Flow	14.6		
Over Flow	8.6		
37 Sec/Gal.			

FOOTAGE

FROM	TO	DR'D RM'R CORE'C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD: RUN SCL-S PAR'L-P CON'T-C
1147	1284	D			60	44	650	5 1/2	55	5 1/2	55	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1159	2°	X	1216	-				

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 00	00 45	3/4		DRLG 13 3/4 HOLE.
00 45	01 00	1/4		SURVEY
01 00	07 00	6		DRLG.
07 00	07 15	1/4		WORK ON DA500 PUMP
07 15	08 00	3/4		DRLG

REPLACE HEAD ON DRIVE SIDE MOTOR #1 DRILLER L Ryks

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.	BIT		FT.
1	Reamer		6.41
1	STB RMR Bell Sub OD		2.77 FT.
5	D.C. ID 7 1/16 OD		154.08 FT.
	STB RMR OD		FT.
19	D.C. ID 6 1/4 OD		550.03 FT.
	STB RMR OD		FT.
3	Stabs		24.85
1	XO Sub		2.60
1	XO Sub		2.20
6	STANDS DP		562.74 FT.
2	SINGLES DP		62.12 FT.
	KELLY DOWN		10.20 FT.
	TOTAL		1376.00 FT.
WT. OF STRING		70000	LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	Sec
TYPE	S88
JET 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	375
TOTAL FTG.	1003
TOTAL HRS. RUN	59 1/2
COND. 1/8" T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	0800	1200	1500
WEIGHT	8.7	8.7	8.7
PRESSURE GRADIENT			
VISC.-SEC.	Desilter		
PV/YP			
GELS.	Under Flow	14.8	
WL -CC'S.	Over Flow	8.7	
pH	Flow 80 sec Per Gal.		
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	560	Line Ditch	
Cement	24	And Sump	

FOOTAGE

FROM	TO	DR'D RM'R CORE'C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD: RUN SCL-S PAR'L-P CON'T-C
1284	1378	D			50/60	30/45	65	5 1/2	55	5 1/2	55	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1284	4 1/2°		1316	5°		1347	5 1/4	

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08 00	08 30	1/2		Circ & Survey
08 30	10 00	1 1/2		Drill
10 00	10 15	1/4		Circ & Survey
10 15	10 30	1/4		Rig Service & V Bop
10 30	13 00	2 1/2		Drill
13 00	13 30	1/2		Circ & Survey - Held Blowout Drill
13 30	16 00	2 1/2		Drill

DRILLER L Ryks

EVENING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.	BIT		FT.
1	Reamer		6.41
1	STB RMR Bell Sub OD		2.77 FT.
5	D.C. ID 7 1/16 OD		154.08 FT.
	STB RMR OD		FT.
19	D.C. ID 6 1/4 OD		550.03 FT.
	STB RMR OD		FT.
3	Stab		24.85
1	XO Sub		2.60
1	XO Sub		2.20
6	STANDS DP		562.74 FT.
2	SINGLES DP		62.12 FT.
	KELLY DOWN		32.40 FT.
	TOTAL		1400.10 FT.
WT. OF STRING		70000	LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	Sec
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	1400
DEPTH IN	375
TOTAL FTG.	1025
TOTAL HRS. RUN	60 3/4
COND. 1/8" T/B/ GAGE	4 6 I
GPM/ PD-PSI	

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1500		
Benex	6		

FOOTAGE

FROM	TO	DR'D RM'R CORE'C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD: RUN SCL-S PAR'L-P CON'T-C
1378	1400	D			60	45	650	5 1/2	55	5 1/2	55	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1400	5 1/2	X						

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	17 15	1 1/4		Drill.
17 15	18 00	3/4		Circ to Cond. Hole F/ Logging.
18 00	19 00	1		Drop Survey & Hoist To Loc.
19 00	20 00	1		Rig To Log.
20 00	24 00	4		Logging. Ran Dual Induction Laterolog
				Ran BHC.
				All Logs From 1400' To Surface Csg Ran Density
				Wire Line Depth 1401' BHT 78° F. Ran SNP
				Ran Dipmeter

DRILLER L Mattson

DRILLING CREW PAYROLL DATA

DATE 2-24-72
WELL NAME & NO. Amoco Ft. A. A1 Prod. Co K-68
COMPANY Operation
TOOL PUSHER D Baker RIG NO. 7

MORNING TOUR 00 00 P.M. 08 00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		N. Sharp	8
DRKMAN		K. Robinson	12
MTRMAN		J. Sharp	12
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08 00 A.M. 16 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kellner	12
MTRMAN		P. Hofer	12
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Lowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16 00 P.M. 24 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 15

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco G Al A	K 68	Carbon K 68	2.23.72
OPERATOR		CONTRACTOR	RIG NO.
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER	
D Clark		D Barker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	"	16

LEGAL LAND DESCRIPTION: K 68, 62 39' 42" N 128 12' 12" W

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngstown	Steel 54.5 K55	1		17.20	312.

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL	6	4 1/2	4 1/2
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE		1/4	
6.	TRIPS		2	2 3/4
7.	LUBRICATE RIG		1/4	1/4
8.	REPAIR RIG	1		
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY	1	1/2	1/2
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.				
22.				
23.				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		16		8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
	STB RMR OD		FT.
5	D.C. ID 7 1/16 OD 13 1/4	08	FT.
	STB RMR OD		FT.
19	D.C. ID 6 1/4 OD	550.03	FT.
	STB RMR OD		FT.
	Sub & Reamer	34.11	
1	XO Sub	2.20	
1	XO Sub	2.60	
2	STANDS DP	187.30	FT.
2	SINGLES DP	63.19	FT.
	KELLY DOWN	10.48	FT.
	TOTAL	1010.00	FT.
WT. OF STRING		66000	LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	Sec
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	375
TOTAL FTG.	635
TOTAL HRS. RUN	3 3/4
COND. 1/8's T/B/ GAGE	DRLG
GPM/ PD--PSI	

MUD RECORD

TIME	0100	0460	0600
WEIGHT	8.6	8.5	8.5
PRESSURE GRADIENT			
VISC.--SEC.			
PV/YP			
GELS.			
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

Under Flow Wt 16.9
Over Flow Wt 8.5
Sec/Can. - 2 Min

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCI--S PART'L--P CONT'S--C
908	1010	D			60	45	600	5 1/2	52	5 1/2	52	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
940	2 1/4	X	971	2 1/2	X	1003	2 3/4	X

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	0230	2		DRLG 12 1/4 HOLE. DRLG 0320 To 0800-1/2
0200	0230	1/2		SURVEY
0230	0400	1 1/2		DRLG.
0400	0425	1/4		SURVEY
0425	0500	3/4		DRLG.
0500	0600	1		REPLACE MAIN AIR CONTROL FOR ROTARY
0600	0725	1/4		DRLG.
0725	0730	1/4		SURVEY

DRILLER L. Ryks

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	Reamer	6.41	
	STB RMR Sub OD	2.77	FT.
5	D.C. ID 7 1/16 OD	154.08	FT.
	STB RMR OD	10.00	FT.
1	D.C. ID 6 1/4 OD	550.03	FT.
	STB RMR Reamer		FT.
	Stab	3485	
1	XO Sub	2.60	
1	XO Sub	2.20	
3	STANDS DP	281.61	FT.
1	SINGLES DP	31.16	FT.
	KELLY DOWN	11.19	FT.
	TOTAL	1077.00	FT.
WT. OF STRING		66000	LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	Sec
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	375
TOTAL FTG.	702
TOTAL HRS. RUN	6 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	0900	1200
WEIGHT	8.7	8.7
PRESSURE GRADIENT		
VISC.--SEC.		
PV/YP		UNWEIGHTED
GELS.		
WL --CC'S.		Desilter
pH	Over Flow	8.5
SOLIDS %	Under Flow	16.4

2 Min Per Gel

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	500	Fill Holes	
Cement	5#	Line Ditches	

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCI--S PART'L--P CONT'S--C
1010	1077	D			55	45	600	5 1/2	52	5 1/2	52	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1034	2 1/2	X	1066	3°				

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0945	1 3/4		DRILL 12 1/4" HOLE. STRAP 1093.50
0945	1015	1/2		CIRC. & SURVEY. TALLY 1097.21
1015	1145	1 1/2		DRILL 12 1/4" HOLE. DIFF.
1145	1200	1/4		RIG SERV. + K BOP NO CORR.
1200	1245	3/4		DRILL 12 1/4" HOLE
1245	1430	1 3/4		STRAP OUT & CHECK BIT
1430	1530	1		PICK UP SHOCK SUB & RUN IN W/ BIT
1530	1600	1/2		DRILL

DRILLER L. Ryks

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
1	Reamer	6.41	
1	STB RMR Sub OD	2.77	FT.
5	D.C. ID 7 1/16 OD	154.08	FT.
	STB RMR Sub OD	10.00	FT.
19	D.C. ID 6 1/4 OD	550.03	FT.
	STB RMR OD		FT.
3	Stab	29.85	
1	XO Sub	2.60	
1	XO Sub	2.20	
4	STANDS DP	375.61	FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING		66000	LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	Sec.
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	375
TOTAL FTG.	1772
TOTAL HRS. RUN	10 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	1700	2200	2330
WEIGHT	8.6	8.6	8.6
PRESSURE GRADIENT			
VISC.--SEC.		Desilter	
PV/YP	Under Flow	15/3	
GELS.	Over Flow	8.6	
WL --CC'S.			
pH	2 G.P.M.		
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCI--S PART'L--P CONT'S--C
1077	1147	D			60	45	650	5 1/2	54	5 1/2	54	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1630	1/2		DRILL. DRILLERS TALLY 1128.82
1630	1645	1/4		RIG SERVICE. STRAP TALLY 1123.68
1645	1800	1 1/4		DRILL. DIFF.
1800	1830	1/2		CIRC & SURVEY - MISS RUN. SURVEY HUNG IN SHOCK SUB.
1830	2115	2 3/4		TRIP F/SURVEY BHI & LAY DOWN SHOCK SUB. STRAP OUT.
2115	2400	2 3/4		DRILL.

DRILLER L. Mattson

EVENING TOUR

DRILLING CREW PAYROLL DATA

DATE 2.23.72

WELL NAME & NO. Amoco G Al A Carbon K-68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

MORNING TOUR 0001 P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Sharp	8
DRKMAN		K. Johnson	12
MTRMAN		D. Sharp	12
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	12
MTRMAN		P. Hofer	12
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN		M. Turman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Form 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 14

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A.	K-68	Coleman K-68	2-22-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
R Lan		D Barker.	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
						1	Emsco	DA500	16
						2	"	"	"

LEGAL LAND DESCRIPTION: K 63, 65, 27, 42, 4, 128, 12, 23 N.

	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
LAST CASING TUBING OR LINER	13 3/8	Youngstown Steel	61 S-80	1		17.20	312.

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL			6
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE	1 3/4		
6.	TRIPS	4		3/4
7.	LUBRICATE RIG			
8.	REPAIR RIG			
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY			3/4
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.	Setting Surf 2 1/4			
22.				
23.				
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		9		8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	
	STB RMR OD		SIZE	
	D.C. ID 10 7/16 OD	FT.	MFG.	
5	STB RMR OD	154.08 FT.	TYPE	
	D.C. ID 6 1/4 OD	FT.	JETS 1/32"	
19	STB RMR OD	550.03 FT.	SER. NO.	
		FT.	DEPTH OUT	
1	4 1/2 XH 2.68	2.20	DEPTH IN	
1	4 1/2 XH 2.68	2.60	TOTAL FTG.	
	STANDS DP	FT.	TOTAL HRS. RUN	
2	SINGLES DP	60.99 FT.	COND. 1/8's T/B/ GAGE	
	KELLY DOWN	FT.	GPM/ PD-PSI	
	TOTAL	FT.		
WT. OF STRING	64,000	LBS.		

MUD RECORD

TIME	0400		
WEIGHT	8.6		
PRESSURE GRADIENT			
VISC.-SEC.	H5		
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.	/	/	/
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SIZE & PART'L P COMP'L C
820		Road	DST #1	Pre Flow 5 mins ISI 30 mins VO 120 mins FSI 90 mins. 1 Hyd 308 Pre Flow 45 ISI 174 IF 42 FF 87 FSI 158 Hyd. 308 Air Blow Weak on Pre Flow Weak Bit Strong throughout Test. TRM								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	0200	2.		Strap Collars — Lay Down Stabs, Hevi Reamer
0200	0245	3/4		Run in Hole
0245	0450	1 3/4		Circ. To Test & Unload Testing Tools.
0450	0523	3/4		Hoist To Test.
0523	0700	1 3/4		Service Tools & Make up Same. Pipe Tally 845.41
0700	0730	1/2		Run in w/ Test. Strap Tally 843.42
0730	0800	1/2		Rig To Test. DST #1 Diff 1.99

DRILLER D. Barker

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SIZE & PART'L P COMP'L C
820				Checked Motor Shut Offs OK. Checked B.O.P.s								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0815	1/4		Head up Test 1530-1600 - 1/2 Pick up Stabs
0815	0845	1/2		Wait on Daylight Run in w/ Bit.
0845	0900	1/4		5 min Preflow
0900	0930	1/2		Initial Shut in Blind Rams V when
0930	1130	2		Open Tool out of Hole
1130	1300	1 1/2		Final Shut In
1300	1430	1 1/2		Pull Packer Loose & Hoist
1430	1530	1		Break Tool Down & Lay Same

DRILLER L. Ryks

DAY TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	5
	STB RMR OD		SIZE	12 1/4
	D.C. ID 10 7/16 OD	FT.	MFG.	Sec
5	STB RMR OD	154.08 FT.	TYPE	S98
	D.C. ID 6 1/4 OD	FT.	JET 1/32"	OPEN
19	STB RMR OD	550.03 FT.	SER. NO.	912329
		FT.	DEPTH OUT	
	Stabs.	34.11	DEPTH IN	875
1	XO Sub	2.60	TOTAL FTG.	
1	XO Sub	2.20	TOTAL HRS. RUN	
	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
2	SINGLES DP	60.99 FT.	GPM/ PD-PSI	
	KELLY DOWN	15.99 FT.		
	TOTAL	820.80 FT.		
WT. OF STRING	64,000	LBS.		

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.-SEC.	TEST		
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
1	BIT Reamer	6.41 FT.	BIT NO.	5
~~1~~	~~Pup Sub~~	~~3.99~~	SIZE	12 1/4
5	STB RMR 7 11/16 OD	154.08 FT.	MFG.	Sec.
↓	D.C. ID ↓ OD	FT.	TYPE	S88
	STB RMR OD	FT.	JETS 1/32"	OPEN
19	D.C. ID 6 1/4 OD	550.03 FT.	SER. NO.	912329
	STB RMR OD	FT.	DEPTH OUT	
3	Stabs	34.11	DEPTH IN	875
1	XO Sub	2.60	TOTAL FTG.	533
1	XO Sub	2.20	TOTAL HRS. RUN	
1	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
1	SINGLES DP	115.04 FT.	GPM/ PD-PSI	
	KELLY DOWN	41.40 FT.		
	TOTAL	908.64 FT.		
WT. OF STRING	65,000	LBS.		

MUD RECORD

TIME	1900	2400	2330
WEIGHT	8.7	8.9	8.6
PRESSURE GRADIENT			
VISC.-SEC.	32.	32.	30
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %	Desilter Under 15 Over FL		8.6

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SIZE & PART'L P COMP'L C
820	908	D			60	30/50	600	5 1/2	53	5 1/2	63	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
815	2 3/4	X	877	2 3/8	X	908	2 1/4	

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1645	3/4		Finish In w/ Bit #5
1645	1815	1 1/2		Drill Started Desilting
1815	1830	1/4		Survey @ 16:00 Hrs.
1830	2130	3		Drill.
2130	2145	1/4		Survey
2145	2345	2		Drill.
2345	2400	1/4		Survey

DRILLER L. Mattson

DRILLING CREW PAYROLL DATA

DATE 2-22-72

WELL NAME & NO. Amoco Et Al Coleman K-68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

MORNING TOUR 00 P.M. 08 00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		W. Sharp	8
DRKMAN		K. Johnson	12
MTRMAN		A. Sharp	12
FIREMAN			
FLRMAN		E. Arndt	12
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08 00 A.M. 16 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	12
MTRMAN		P. Hofer	12
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	12
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

REGISTERED NOTARY PUBLIC STP - 5 RAM

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

AAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 13

LEASE: Amoco Et. Al. Pt. | WELL NO.: K-68 | API WELL NUMBER: Corcation K-68 | DATE: 2-21-72

OPERATOR: Amoco of Canada | CONTRACTOR: Kenting Drilling | RIG NO.: 1

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.R. Hansen | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.L. Barker

LEGAL LAND DESCRIPTION: K-68, 60° 37' 42" N, 128° 12' 23" W

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	"	16

LAST CASING TUBING OR LINER: SIZE 13 3/8 | MAKE Youngstown Steel | WT. & GR. 54.5 | NO. JOINTS 7 | FEET 17.20 | RKB. TO CSG. HD. 3/12 | SET AT

WIRE LINE RECORD — REEL NO. | SIZE | NO. LINES | FT. SLIPPED | FT. CUT OFF | PRESENT LENGTH | TON MI. OR TRIPS SINCE LAST CUT | CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	6 3/4	5 1/4	2
3	REAMING			
4	CORING			
5	CONDITION HOLE & CIRCULATE	1 3/4	1 1/2	3 1/4
6	TRIPS		1/2	
7	LUBRICATE RIG		1/4	
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			2 3/4
10	DEVIATION SURVEY		1/2	
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		9	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO. D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD: 13

CUMULATIVE ROTATING HRS.: 149 1/4

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	ITEM	FT.	BIT RECORD
	BIT	FT.	BIT NO. 5
			SIZE 12 1/4
	STB RMR OD	FT.	MFG. SEC
5	D.C. ID 7 1/16 OD	154.08 FT.	TYPE S88
	STB RMR OD	FT.	JETS 1/32" OPEN
16	D.C. ID 6 1/4 OD	459.33 FT.	SER. NO. 912279
	STB RMR OD	FT.	DEPTH OUT
	SUBS 34 11		DEPTH IN 375
	10 SUB 2.20		TOTAL FTG. 295
	10 SUB 2.60		TOTAL HRS. RUN 18 1/4
	STANDS DP	FT.	COND. 1/8's T/B GAGE DRLG
	SINGLES DP	FT.	GPM/ PD-PSI
	KELLY DOWN 6'	FT.	
	TOTAL 670	FT.	
WT. OF STRING	56000	LBS.	

MUD RECORD

TIME	0200	0400	0600
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE — FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PART'L-P COMP'L-C
550	670	D			110/55	40/47	275	5 1/2	74			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
577	2°	X 12 1/4 Hole						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 01	12 25	11		DRLG 12 1/4 Hole
12 25	12 50	1/2		Circ & Work Pipe To Clean Hole @ 560'
12 50	01 25	3/4		DRLG 0600-0725-1 1/4 DRLG.
01 25	02 00	3/4		Work Pipe For Connection 0725-0825 1/2 Circ. Connection
02 00	03 50	1 1/2		DRLG. 0825-0925-1/4 DRLG.
03 50	04 25	3/4		Circ, Work Pipe & Survey
04 25	05 50	1 1/4		DRLG.
05 50	06 00	1/2		Circ, Work Pipe For Connection

DRILLER: L. Hansen

DAY TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	ITEM	FT.	BIT RECORD
	BIT	FT.	BIT NO. 5
			SIZE 12 1/4
	STB RMR OD	FT.	MFG. SEC
5	D.C. ID 7 1/16 OD	154.08 FT.	TYPE S88
	STB RMR OD	FT.	JET 1/32" OPEN
19	D.C. ID 6 1/4 OD	550.03 FT.	SER. NO. 912329
	STB RMR OD	FT.	DEPTH OUT
	SUBS 34.11		DEPTH IN 375
1	X-O SUB 2.60		TOTAL FTG. 409
1	X-O SUB 2.20		TOTAL HRS. RUN 23 3/4
	STANDS DP	FT.	COND. 1/8's T/B/ GAGE
	SINGLES DP	FT.	GPM/ PD-PSI
	KELLY DOWN 41.40	FT.	
	TOTAL 784.42	FT.	
WT. OF STRING	64,000	LBS.	

MUD RECORD

TIME	0900	1180	1500
WEIGHT	8.4	84	84
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE — FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PART'L-P COMP'L-C
670	784	D			59/60	40/50	300	5 1/2	74			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
652	2°	X	742	2°	∠			

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08 00	08 45	3/4		Drill 12 1/4' Hole 1445-1530 3/4 Circ. Work Pipe & Survey @ 742
08 45	09 00	1/4		Rig Serv. - Bop 1530-1600 - 1/2 - Trip Out To
09 00	09 45	3/4		Circ. Work Pipe & Survey Csg. to Install
09 45	11 15	1 1/2		Drill 12 1/4" Hole Pump Clutch.
11 15	11 30	1/4		Circ - Work Pipe F/Conn.
11 30	13 15	1 3/4		Drill 12 1/4" Hole
13 15	13 30	1/4		Circ & Work Pipe For Conn.
13 30	14 45	1 1/4		Drill 12 1/4" Hole

DRILLER: L. Kyks

EVENING TOUR

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	ITEM	FT.	BIT RECORD
	BIT	FT.	BIT NO. 5
			SIZE 12 1/4
	STB RMR OD	FT.	MFG. SEC
5	D.C. ID 7 1/16 OD	154.08 FT.	TYPE S88
	STB RMR OD	FT.	JETS 1/32" OPEN
19	D.C. ID 6 1/8 OD	550.03 FT.	SER. NO. 912329
	STB RMR OD	FT.	DEPTH OUT 820
	SUBS 34.11		DEPTH IN 375
1	X-O SUB 2.60		TOTAL FTG. 445
1	X-O SUB 2.20		TOTAL HRS. RUN 25 3/4
	STANDS DP	FT.	COND. 1/8's J/B/ GAGE
2	SINGLES DP 60.99	FT.	GPM/ PD-PSI
	KELLY DOWN 16.00	FT.	
	TOTAL 846.00	FT.	
WT. OF STRING	66,000	LBS.	

MUD RECORD

TIME	1700	2300	2330
WEIGHT	84		
PRESSURE GRADIENT			
VISC.-SEC.	27	35	43
PV/YP	WATER		
GELS.			
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	4500 #		
Benex	18 #		

FOOTAGE — FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL-S PART'L-P COMP'L-C
784	820	D			60	50	300	5 1/2	74			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1845	2 3/4		Instal new pump clutch & Run In
1845	2045	2		Drlg
2045	2400	3 1/4		Circ To Test & Mix Mud

DRILLER: P. Massia

DRILLING CREW PAYROLL DATA

DATE 2-21-72

WELL NAME & NO. Amoco Et. Al. Pt. Corcation K-68

COMPANY Kenting Drilling

TOOL PUSHER D.L. Barker | RIG NO. 1

MORNING TOUR 0001 — P.M. 0800 — A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	12
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Costakion	8
FLRMAN			

NO. OF DAYS | SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 — A.M. 1600 — P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	12
MTRMAN		P. Hoffer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS | SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 — P.M. 2400 — P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		P.E. Massia	8
DRKMAN			
MTRMAN		J. Sauve	8
FIREMAN			
FLRMAN		H. Massia	8
FLRMAN		G. Lalonde	8
FLRMAN			

NO. OF DAYS | SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 12

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al Ai	K-68	Parcation K-68	2-20-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Bexting Tyrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L.R. Annon		D Barker	

O.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DB500	16
2	"	"	1'

LEGAL LAND DESCRIPTION: K-68 65°37'47" N. 128° 12'23" W.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngstown Steel	54.5 H-40	7		11.20	312.

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

DRILLING CREW PAYROLL DATA

DATE 2-20-72

WELL NAME & NO. Amoco Et. Al Ai Parcation K-68

COMPANY Bexting Tyrolia

TOOL PUSHER D Barker. RIG NO. 7

MORNING TOUR 0000 P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		W. SHARP	8
DRKMAN		K. JOHNSON	12
MTRMAN		D. SHARP	8
FIREMAN			
FLRMAN		E. KNUDT	8
FLRMAN		K. GUSTAFSON	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	8
DRKMAN		D. KELLNER	12
MTRMAN		P. HOFER	8
FIREMAN			
FLRMAN		D. FOX	8
FLRMAN		T. KOWERCHUK	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		P.L. Marra	8
DRKMAN			
MTRMAN		J. Lowe	8
FIREMAN			
FLRMAN		V. Syrapis	8
FLRMAN		L. Lalonde	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL	8 1/2	6 1/4	6
3.	REAMING	2		
4.	CORING			
5.	CONDITION MUD & CIRCULATE		1/2	1 3/4
6.	TRIPS	3		
7.	LUBRICATE RIG		1/4	
8.	REPAIR RIG	1	1/4	
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY	1/4	3/4	1/4
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.	1/4		
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.				
22.				
23.				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS		8	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
	STB RMR	OD	
5	D.C. ID 7 1/16	OD 10	154.08 FT.
	STB RMR	OD	FT.
6	D.C. ID 6 1/4	OD 8	171.56 FT.
	STB RMR	OD	FT.
	STAB		34.11
	1 XO SUB		2.20
	1 XO SUB		2.60
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		41.40 FT.
	TOTAL		1005.40 FT.
	WT. OF STRING		43M LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	352
TOTAL FTG.	83
TOTAL HRS. RUN	8 1/2
COND. 1/8's T/B/ GAGE	2 2 WT A 1
GPM/ PD-PSI	

MUD RECORD

TIME	0600	0900
WEIGHT	8.4	8.4
PRESSURE GRADIENT		
VISC.-SEC.		
PV/YP		
GELS.		
WL.-CC'S.	Water	/
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCH.-S PART.-P COMP.-C
352	383	D			44	20/30	425	5 1/2	58	5 1/2	58	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
377	1°	X 12/4 Hole.						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0000	0300	3		Pick up Reamer @ Stab & Break Down Drlg Collars & Put in Stab.
0300	0400	1		Repair Air Line on Rotary Table.
0400	0425	1/4		Rig Ser. & Hydril Okay
0425	0625	2		Drlg 12 1/4 Hole. Reaming 23 ft
0625	0650	1/4		Survey
0650	0800	1 1/2		Drlg 12 1/4 Hole.

DRILLER L. Ryks

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
	STB RMR	OD	
5	D.C. ID 7 1/16	OD 10	154.08 FT.
	STB RMR	OD	FT.
6	D.C. ID 6 1/4	OD 8	171.56 FT.
	STB RMR	OD	FT.
	STABS		34.11
	1 XO SUB		2.20
	1 XO SUB		2.60
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		41.40 FT.
	TOTAL		1005.40 FT.
	WT. OF STRING		43M LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	S88
JET 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	352
TOTAL FTG.	83
TOTAL HRS. RUN	8 1/2
COND. 1/8's T/B/ GAGE	2 2 WT A 1
GPM/ PD-PSI	

MUD RECORD

TIME	0900	1200	1500
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP		W#Rel.	/
GELS.		/	/
WL.-CC'S.		Loss 200 BBL.	
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCH.-S PART.-P COMP.-C
[illegible]												
383	462	D			55	43/47	225			5 1/2	74	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
405	1 1/2°	X	436	1 1/2°				

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0945	1 3/4		Drill 12 1/4" Hole 1530-1600 - 1/2 Circ ow Core
0945	1000	1/4		Rig Serv. + BOP
1000	1015	1/4		Survey @ 405
1015	1230	2 1/4		Drill 12 1/4" Hole
1230	1300	1/2		Circ + Survey
1300	1315	1/4		Drill 12 1/4" Hole
1315	1320	1/4		Check # 1 Pump Drive - Clutch Blew out
1330	1530	2		Drill 12 1/4" Hole

DRILLER L. Ryks

DRILLING ASSEMBLY (At end of tour)

NO.			FT.
	BIT		
	STB RMR	OD	
5	D.C. ID 7 1/16	OD 10	154.08 FT.
	STB RMR	OD	FT.
6	D.C. ID 6 1/4	OD 8	171.56 FT.
	STB RMR	OD	FT.
	stabs		34.11
	1 xo sub		2.20
	1 xo sub		2.60
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		41.40 FT.
	TOTAL		550.56 FT.
	WT. OF STRING		52,000 LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	S88
JETS 1/32"	OPEN
SER. NO.	912329
DEPTH OUT	
DEPTH IN	375
TOTAL FTG.	175
TOTAL HRS. RUN	13 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	1700	2000	
WEIGHT	8.4	8.4	
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP		WATER	
GELS.			
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCH.-S PART.-P COMP.-C
462	550	D			55	45	225			5 1/2	74	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
492	1 3/4	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1730	1 1/2		Drlg
1730	1915	1 3/4		Circ work pipe to Clean Hole
1915	1930	1/4		Survey
1930	2400	4 1/2		Drlg

DRILLER P.L. Marra

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 12

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ft Al A-1	K 68	Carcajou K 68	2-19-72
OPERATOR		CONTRACTOR	RIG NO.
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER	
L R Hansen		D Barker	

LEGAL LAND DESCRIPTION: K 68 65°37'42" N 128°12'23" W.

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8 K55	Youngstown	54.5	7		17.20	312.

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	Emsco	DA500	16

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	5 3/4	6 1/4	6 1/4
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS		1 1/4	1 1/4
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY	3/4	1/2	1 1/2
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	DRILL SHOE	2		
22				
23				
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
	TOTALS			

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour)

NO.		FT.
	BIT	
1	Bell Sub	2.11
	STB RMR OD	FT.
5	D.C. 10" 9"/16 OD	134.08 FT.
	STB RMR OD	FT.
7	D.C. 10" 6 1/4 OD	201.71 FT.
	STB RMR OD	FT.
1	HO Sub	2.20
1	HO Sub	2.60
	STANDS DP	FT.
	SINGLES DP	FT.
	KELLY DOWN	42' FT.
	TOTAL	376.39 FT.
	WT. OF STRING	22M LBS.

BIT RECORD

BIT NO.	3
SIZE	12 1/4
MFG.	DCED
TYPE	45JT
JETS 1/32"	16/16/16
SER. NO.	
DEPTH OUT	
DEPTH IN	316
TOTAL FTG.	35
TOTAL HRS. RUN	5 1/4
COND. 1/8"s T/B/ GAGE	DR/6
GPM/ PD-PSI	

MUD RECORD

TIME	1400	2000	0500
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Bicarb	300		

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.		FT.
	BIT	
	Bit Sub	4.01
	STB RMR OD	FT.
6	D.C. ID 6 1/8 OD	171.56 FT.
	STB RMR OD	FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	Ho Sub	2.20
1	STANDS DP	156.10 FT.
2	SINGLES DP	FT.
	KELLY DOWN	41.00 FT.
	TOTAL	375 FT.
	WT. OF STRING	14000 LBS.

BIT RECORD

	3	4
BIT NO.	3	4
SIZE	12 1/4	7 7/8
MFG.	REED	REED
TYPE	45JT	SS1G
JETS 1/32"	16/16/16	16/16/16
SER. NO.	683064	793871
DEPTH OUT		
DEPTH IN	312	352
TOTAL FTG.	40	10
TOTAL HRS. RUN	6	4 3/4
COND. 1/8"s T/B/ GAGE		
GPM/ PD-PSI		

MUD RECORD

TIME	10.00	1300	15:00
WEIGHT	8.4	8.4	8.4
PRESSURE GRADIENT			
VISC.-SEC.			
PV/YP			
GELS.			
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.		FT.
	BIT	
	Bit sub	4.01
	STB RMR OD	FT.
6	D.C. ID 6 1/8 OD	171.56 FT.
	STB RMR OD	FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	Ho sub	2.20
1	STANDS DP	156.10 FT.
2	SINGLES DP	FT.
	KELLY DOWN	41.00 FT.
	TOTAL	375 FT.
	WT. OF STRING	14000 LBS.

BIT RECORD

	4
BIT NO.	4
SIZE	7 7/8
MFG.	REED
TYPE	SS1G
JETS 1/32"	16/16/16
SER. NO.	793871
DEPTH OUT	375
DEPTH IN	352
TOTAL FTG.	23
TOTAL HRS. RUN	11
COND. 1/8"s T/B/ GAGE	6/2/1
GPM/ PD-PSI	

MUD RECORD

TIME	1600	2000
WEIGHT	8.4	8.4
PRESSURE GRADIENT		
VISC.-SEC.		
PV/YP	/	/
GELS.	/	/
WL -CC'S.		
pH		
SOLIDS %		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCR-S PART-P COMP-C
312.	347	D			140	20 1/2	1100	5 1/2	59	5 1/2	59	1

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
345	1 3/4	X	345	1 3/4	X			

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	0200	2		DRLG FLOAT & SHOE
0200	0630	4 1/2		DRLG 12 1/4 HOLE
0630	0700	1/2		SURVEY
0700	0745	3/4		DRLG 12 1/4 HOLE
0745	0800	1/4		SURVEY & RECHECK SURVEY

DRILLER L. Ryks

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCR-S PART-P COMP-C
347	352	D	12 1/4		120	5	850	5 1/2	52	5 1/2	52	C
352	362	D	7 7/8		120	3	900	5 1/2	52	5 1/2	52	C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0845	3/4		DRILL 12 1/4" HOLE
0845	0930	3/4		TRIP OUT
0930	0945	1/4		PU SERV + BOP ✓
0945	1125	1 1/2		RIH W/ 7 7/8" BIT - (25 STDS DC'S - PICK UP 5 STDS.
1125	1600	4 3/4		DRILL 7 7/8" HOLE

DRILLER L. Ryks

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCR-S PART-P COMP-C
362	375	D			120	3	900	5 1/2	52	5 1/2	52	C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
375	1 1/2							

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	2215	6 1/4		DRLG
2215	2245	1/2		CIRC + SURVEY
2245	2400	1 1/4		HOIST to pick up REAMER + STAB.

DRILLER S. Saussia

DRILLING CREW PAYROLL DATA

DATE 2-19-72

WELL NAME & NO. Amoco Ft Al A1 Carcajou K68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

MORNING TOUR 0001 P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		M. Sharp	8
DRKMAN		K. Johnson	8 12
MTRMAN		H. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	12
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		S. Saussia	8
DRKMAN		J. Saussie	8
MTRMAN			
FIREMAN			
FLRMAN		G. Lalonde	8
FLRMAN		W. Saussia	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 375 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 11

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K68	CARCAJOU K68	2-18-72
OPERATOR: Amoco of Canada		CONTRACTOR: Kenting Petrolia	RIG NO. 7
SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.R. Hansen		SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Barker.	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	Emsco	DA500	16

LEGAL LAND DESCRIPTION: K-68 65°37'42"N 128°12'23"W

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
	13 3/8	Youngstown Steel	54.5 K55	7		17.20	312

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS			
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT — Head Ups	8		
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	DRILL-OUT		3½	
22	PRESSURE TEST		4½	
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
	TOTALS	8	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. WO/D.P.
HRS. STANDBY
TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

DRILLING ASSEMBLY (As end of tour)

NO.			
	BIT		FT.
1	Bell Sub	2.44	
	STB RMR OD		FT.
5	D.C. ID 7 1/16 OD	154.08	FT.
	STB RMR OD		FT.
4	D.C. ID 6 1/8 OD	115.38	FT.
	STB RMR OD		FT.
1	XO Sub	2.60	
1	XO Sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SOL.-S PART.-P CONT.-C
312												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00°	08°°	8		W.O.C. Weld On Csg. Bowl & Head Up BOP. Pressure Test Weld To 2000 P.S.I.
12.00	4.30			Weld Csg Bowl.

DRILLER: L. Matter

DRILLING ASSEMBLY (As end of tour)

NO.			
	BIT		FT.
1	Bell Sub	2.44	
	STB RMR OD		FT.
5	D.C. ID 7 1/16 OD	154.08	FT.
	STB RMR OD		FT.
4	D.C. ID 6 1/8 OD	115.38	FT.
	STB RMR OD		FT.
1	XO Sub	2.60	
1	XO Sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JET 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S. P. M.	METHOD RUN SOL.-S PART.-P CONT.-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	1600	8		Woc & Head Up Bops. Choke manifold valves, Blind rams, 4" rams, Hydril & Kelly cock test to 2000 P.S.I. Held for 15 min. Held OK.

DRILLER: D Barker

DRILLING ASSEMBLY (As end of tour)

NO.			
	BIT		FT.
1	Bell sub	2.44	
	STB RMR OD		FT.
5	D.C. ID 7" OD	154.68	FT.
	STB RMR OD		FT.
4	D.C. ID 6 1/8 OD	115.38	FT.
	STB RMR OD		FT.
1	XO sub	2.60	
1	XO sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.--SEC.	
PV/YP	
GELS.	
WL --CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SOL.-S PART.-P CONT.-C
				Top of Plug @ 264				5½	55			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0400	0830	4½		Press. Testing B.O.P. Equipment & Run In hole W 12¼ Bit
2030	2400	3½		Drill on plug & Float

DRILLER: L. Ryks

DRILLING CREW PAYROLL DATA

DATE 2-18-72
WELL NAME & NO. Amoco Et Al A-1 Carcajou K68
COMPANY Kenting Petrolia.
TOOL PUSHER D Barker. RIG NO. 7

MORNING TOUR 00°° P.M. 08°° A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR P.M. P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	14
DRKMAN		R. Kellner	12
MTRMAN		P. Hofer	14
FIREMAN			
FLRMAN		D. Fox	12
FLRMAN		T. Powerchuk	12
FLRMAN		H. Morrin	8
FLRMAN		G. Lalonde	8
MTRMAN		J. Lajoie	8
DRILLER		Paul Le Morrin	8

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT NO. 10

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al - A-1	K68	Carcajou K-68	2-17-72

OPERATOR: Amoco of Canada — CONTRACTOR: Kenting Petrolia — RIG NO. 7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: L.R. Hansen — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	Emsco	DA500	16

LEGAL LAND DESCRIPTION: K68 65°37'42"N 128°12'23" W.

	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
LAST CASING TUBING OR LINER	13 3/8	Youngstown Steel	54.5 K55	8		17.20'	312

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF — PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			
3	REAMING	4 3/4		
4	CORING			
5	CONDITION MUD & CIRCULATE	1/2		
6	TRIPS	2		
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT		7 1/2	
13	WAIT ON CEMENT		1/2	
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	RIG Tolen Casing	3/4		
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS		8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. WO/D.P.
HRS. STANDBY
TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour)

NO.		FT.
	BIT	
1	Reamer	356 FT.
1	STB 8.1 RMR Sub OD	2.44 FT.
8	D.C. ID 7 1/16 OD	154.88 FT.
	STB RMR OD	FT.
4	D.C. ID 6 1/8 OD	115.38 FT.
	STB RMR OD	FT.
1	XO Sub	2.60
1	XO Sub	2.20
	STANDS DP	FT.
	SINGLES DP	FT.
	KELLY DOWN	32 FT.
	TOTAL	312 FT.
WT. OF STRING		20 LBS.

BIT RECORD

BIT NO.	1
SIZE	17 1/2
MFG.	Reed
TYPE	Reamer
JETS 1/32"	ODEN
SER. NO.	190413
DEPTH OUT	
DEPTH IN	43
TOTAL FTG.	269
TOTAL HRS. RUN	59
COND. 1/8" & T/B/ GAGE	
GPM/ PD-PSI	

MUD RECORD

TIME	02 00	04 00	06 00
WEIGHT	9.3	9.3	
PRESSURE GRADIENT			
VISC.-SEC.	69	73	81
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Lime	15 #		

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN SCL-S PAR-FL-P COM-PC
265	312	R			100	10	350	5 1/2	60	5 1/2	60	P

DEVIATION RECORD: DEPTH 312 — DEV. 1/2 — DIRECTION X

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 01	00 50	1/2		Conn & Break Down Collars.
00 30	03 00	2 1/2		Ream 12 1/4 Hole. STRAP - 321.86
03 00	03 75	3/4		Dummy Trip & Strap Out. DRILLERS - 321.66
03 75	06 00	2 1/4		Ream 12 1/4" Hole. DIFF .20
06 00	06 50	1/2		Circ To Cond Hole F/ Casing.
06 50	07 25	3/4		Hoist Collars & Lay Reamer.
07 25	08 00	3/4		Rig To Run 13 3/8 Casing.

DRILLER G. Mattson

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD OF RUN SCL-S PAR-FL-P COM-PC
312												

DEVIATION RECORD: DEPTH — DEV. — DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	1075	2 1/4		Make Shoe & Float - Weld Same On Casing
1075	1350	2 3/4		Run 13 3/8 Casing
1350	1400	1/2		Circ To Cement Casing
1400	1500	1		Cement 13 3/8 Casing W/ 439 Sks Premiofrost Cement
1500	1550	1/2		Pump Plug Down With 500 PSI Down At 1530
1550	1600	1/2		Wash Clean Flow Line Bop & Conductor Pipe

DRILLER L. Ryks

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD OF RUN SCL-S PAR-FL-P COM-PC
312												

DEVIATION RECORD: DEPTH — DEV. — DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600				W.O.C
	1950	3 1/2		Dig Cellar & Clean Mud Tanks
1950	2025	3/4		Cut 20" Cond Bal.
2025	2250	2 1/4		Drain 13 3/8" Csg. & Cut Off Same
2250	2400	1 1/2		Weld On Csg. Bowl

DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DATE 2-17-72
WELL NAME & NO. Amoco Carcajou K-68
COMPANY Kenting Petrolia
TOOL PUSHER D Barker — RIG NO. 7

MORNING TOUR 00 01 — P.M. 08 00 — A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	12
DRKMAN		E. Harstad	12
MTRMAN		F. Tomczak	12
FIREMAN			
FLRMAN		M. Tulman	12
FLRMAN		B. Dirk	12
FLRMAN			
		Stay Over To Run Casing @ Amoco Request	

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. — 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		D. Sharp	8
FIREMAN			
FLRMAN		F. Hendt	8
FLRMAN		K Gustafson	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. — 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	12
DRKMAN		D. Kentner	12
MTRMAN		P. Hoefer	12
FIREMAN			
FLRMAN		D. Fox	12
FLRMAN		J. Kowerchuk	12
FLRMAN			
		Work over to Run Csg. - Cement Same @ Amoco Request	

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 9

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K-68	Carcajou K-68	2-16-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
L.R. Harper		D Barker.	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	Emsco	DA500	16

LEGAL LAND DESCRIPTION: K-68 65°37'42" N 128°12'23" W.

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	6¼		
3	REAMING	6¼	7½	7¾
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS	1¾		
7	LUBRICATE RIG		¼	¼
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY		¼	
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'RT'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS		8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	1
1	Reamer	3.56	SIZE	17½
1	STB RMR 2 JT OD	2.49 FT.	MFG.	Reed
5	D.C. ID 7 1/16 OD	154.08 FT.	TYPE	Reamer
	STB RMR OD	FT.	JETS 1/32"	Open
	D.C. ID OD	FT.	SER. NO.	190413
	STB RMR OD	FT.	DEPTH OUT	
1	XO Sub	2.60	DEPTH IN	43
1	XO Sub	2.20	TOTAL FTG.	135
			TOTAL HRS. RUN	39
	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
	SINGLES DP	FT.	GPM/ PD-PSI	
	KELLY DOWN	5 FT.		
	TOTAL	178 FT.		
WT. OF STRING		18 LBS.		

MUD RECORD

TIME	02:30	5:30	7:30
WEIGHT	9.0	9.0	
PRESSURE GRADIENT			
VISC.-SEC.	73	76	
PV/YP	/	/	/
GEL.S.	/	/	/
WL -CC'S.	/	/	/
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SOL.-S PART'L P COMB.-C
144	178	R			105	10	400	5½	62	5½	62	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰⁰	00¹⁵	¼		Ream 12¼ Hole
00¹⁵	01¹⁵	1		Hoist To Inspect Reamer
01¹⁵	0645	5½		Ream 12¼ Hole
0645	07³⁰	¾		Conn. break down Drill Collars.
07³⁰	08⁰⁰	½		Ream 12¼ Hole

DRILLER A. Mattson

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO.	1
1	Reamer 3.56	FT.	SIZE	17½
1	STB RMR 2 JT OD 2.44	FT.	MFG.	Reed
6	D.C. ID 7 1/16 OD 154.08	FT.	TYPE	Reamer
1	STB RMR 6 1/8 OD 30.15	FT.	JET 1/32"	Open
	D.C. ID OD	FT.	SER. NO.	190413
	STB RMR OD	FT.	DEPTH OUT	
1	XO Sub 2.60		DEPTH IN	43
1	XO Sub 2.20		TOTAL FTG.	192
			TOTAL HRS. RUN	14½
	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	Ream
	SINGLES DP	FT.	GPM/ PD-PSI	
	KELLY DOWN	11' FT.		
	TOTAL	236.43 FT.		
WT. OF STRING		18M LBS.		

MUD RECORD

TIME	0800	10.00	1530
WEIGHT	9.1	9.2	9.2
PRESSURE GRADIENT			
VISC.-SEC.	55	80	85
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Cach	500#		
Lime	5#		

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SOL.-S PART'L P COMB.-C
178	225	R			100	10	300	5½	60	5½	60	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
206	½°	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	1325	5¼		Ream 12¼ Hole
1325	1350	¼		Rig Service
1350	1375	¼		Survey
1375	1600	2¼		Ream 12¼ Hole
				Swivel 4½

DRILLER D Barker

DRILLING ASSEMBLY (At end of tour) — BIT RECORD

NO.	DRILLING ASSEMBLY (At end of tour)		BIT RECORD	
	BIT	FT.	BIT NO	1
1	Reamer 3.56		SIZE	17½
1	STB RMR Sub OD 2.44	FT.	MFG.	Reed
5	D.C. ID 7 1/16 OD 154.08	FT.	TYPE	Reamer
	STB RMR OD	FT.	JETS 1/32"	Open
2	D.C. ID 6 1/8 OD 61.42	FT.	SER. NO.	190413
	STB RMR OD	FT.	DEPTH OUT	
1	XO Sub 2.60		DEPTH IN	43
1	XO Sub 2.20		TOTAL FTG.	222
			TOTAL HRS. RUN	5¼
	STANDS DP	FT.	COND. 1/8's T/B/ GAGE	
	SINGLES DP	FT.	GPM/ PD-PSI	
	KELLY DOWN	3.70 FT.		
	TOTAL	265 FT.		
WT. OF STRING		25 LBS.		

MUD RECORD

TIME	1600	1900	2300
WEIGHT	9.1	9.2	9.2
PRESSURE GRADIENT			
VISC.-SEC.	45	70	65
PV/YP	/	/	/
GELS.	/	/	/
WL -CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Lime.	65#		

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SOL.-S PART'L P COMB.-C
225	265	R			100	10	300	5½	62	5½	62	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	1800	2		Ream 12¼" Hole
1800	1825	¼		Rig Serv.
1825	2400	5¾		Ream 12¼" Hole

DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DATE 2-16-72

WELL NAME & NO. Amoco Carcajou K-68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker. RIG NO. 7

MORNING TOUR 00⁰⁰ P.M. 08⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			
		E. Harstad 4 Hrs	
		Swamping Fl Kaps	
		@ Amoco Request.	

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		M. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16⁰⁰ P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D Fox	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 8

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K-68	Garcajou K-68	2-15-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S TOOL PUSHER
L. R. Hansen	D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	"	DA500	16

LEGAL LAND DESCRIPTION: K-68 69°37'42"N 128°12'23" W

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF — PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

DRILLING CREW PAYROLL DATA

DATE 2-15-72

WELL NAME & NO. Amoco Garcajou K-68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker — RIG NO. 7

MORNING TOUR 00^01 — P.M. 08^00 — A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 08^00 — A.M. 16^00 — P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16^00 — P.M. 24^00 — P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

D. Kelliher haul water 1 hr.

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION – HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL: ACTUAL			
3	REAMING	8	8	8
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS			
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
	TOTALS	8	8	

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. W/O D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.	BIT	FT.
1	Reamer	541 FT.
1	STB RMR Bit Sub OD	244 FT.
2	D.C. ID 7 1/16 OD	624.5 FT.
	STB RMR OD	FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	XO Sub	2.60
1	XO Sub	2.20
	STANDS DP	FT.
	SINGLES DP	FT.
	KELLY DOWN	39 FT.
	TOTAL	114 FT.
WT. OF STRING	12	LBS.

BIT RECORD

BIT NO.	1 Reamer
SIZE	17 1/2
MFG.	Reed
TYPE	
JETS 1/32"	OPEN
SER. NO.	190413
DEPTH OUT	
DEPTH IN	43
TOTAL FTG.	71
TOTAL HRS. RUN	17 1/4
COND. 1/8's T/B/ GAGE	/ /
GPM/ PD–PSI	/ /

MUD RECORD

TIME	02^00	04^30	0600
WEIGHT	9.0	8.9	8.9
PRESSURE GRADIENT			
VISC.–SEC.	93	71	62
PV/YP	/	/	/
GELS.	/	/	/
WL –CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1000#		

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.	BIT	FT.
1	Reamer	541 FT.
1	STB RMR Bit Sub OD	244 FT.
2	D.C. ID 7 1/16 OD	93.65 FT.
	STB RMR OD	FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	XO Sub	2.60
1	XO Sub	2.20
	STANDS DP	FT.
	SINGLES DP	FT.
	KELLY DOWN	13' FT.
	TOTAL	147.70 FT.
WT. OF STRING	18m.	LBS.

BIT RECORD

BIT NO.	2
SIZE	17 1/2
MFG.	Reed
TYPE	Reamer
JET 1/32"	OPEN
SER. NO.	190413
DEPTH OUT	
DEPTH IN	43
TOTAL FTG.	91
TOTAL HRS. RUN	24 3/4
COND. 1/8's T/B/ GAGE	Ream.
GPM/ PD–PSI	/ /

MUD RECORD

TIME	800	1200	2.30
WEIGHT	8.9	8.9	8.9
PRESSURE GRADIENT			
VISC.–SEC.	85	75	72
PV/YP	/	/	/
GELS.	/	/	/
WL –CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.	BIT	FT.
1	Reamer	541 FT.
1	STB RMR Bit Sub OD	244 FT.
3	D.C. ID 7 1/16 OD	93.65 FT.
	STB RMR OD	FT.
	D.C. ID OD	FT.
	STB RMR OD	FT.
1	XO Sub	2.60
1	XO Sub	2.20
	STANDS DP	FT.
	SINGLES DP	FT.
	KELLY DOWN	37.70 FT.
	TOTAL	144 FT.
WT. OF STRING	18	LBS.

BIT RECORD

BIT NO.	1
SIZE	17 1/2
MFG.	Reed
TYPE	Reamer
JETS 1/32"	OPEN
SER. NO.	190413
DEPTH OUT	
DEPTH IN	43
TOTAL FTG.	101
TOTAL HRS. RUN	30 3/4
COND. 1/8's T/B/ GAGE	
GPM/ PD–PSI	/ /

MUD RECORD

TIME	1600	1900	2100
WEIGHT	8.9	8.9	9.0
PRESSURE GRADIENT			
VISC.–SEC.	75	65	80
PV/YP	/	/	/
GELS.	/	/	/
WL –CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Lime	10#		

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN SGL. PARTIAL COMP.
90	114	R			100	10/12	250	5 1/2	57	5 1/2	57	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00^01	08^00	8		Ream 12 1/4 Hole To 17 1/2.

6.00
2.44
2.56

DRILLER G. Mattson

DAY TOUR

FOOTAGE / FORMATION

FROM	TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN SGL. PARTIAL COMP.
114	134	R			100	10	200	5 1/2	54	5 1/2	54	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
116	1/4							

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0825	1/4		Ream 12 1/4 Hole To 17 1/2
0825	0850	1/4		Rig Service
0850	0875	1/4		Survey
0875	1600	7 1/4		Ream

DRILLER D Barker

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN SGL. PARTIAL COMP.
134	144	R			100	7/10	200	5 1/2	54	5 1/2	54	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	2400	8		Reaming

DRILLER L. Ryks

Form 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 7

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K-68	Carcajou K-68	2-14-72
OPERATOR		**CONTRACTOR**	RIG NO.
Amoco of Canada		Kenting Petrolia Drilling Ltd	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
D Mott		D Barker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	"	D500	16

LEGAL LAND DESCRIPTION

WIRE LINE RECORD REEL NO.

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

DRILLING CREW PAYROLL DATA

DATE 2-14-72

WELL NAME & NO. Amoco Carcajou K68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	5¾	1½	
3	REAMING		1¼	8
4	CORING			
5	CONDITION MUD & CIRCULATE		2	
6	TRIPS	1¾	1½	
7	LUBRICATE RIG	¼		
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY	¼		
11	WIRE LINE LOGS		2	
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	Make up Reamer	3¼		
	Re-Perforate Csg	1		

COMPLETION: A. PERF'R'T'N — B. TBG. TRIPS — C. TREATING — D. SWABBING — E. TESTING — F. ADDITN'L — G.

TOTALS	8	8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.

HRS. W/OPR. D.P.

HRS. WO/D.P.

HRS. STANDBY

TOTAL DAY WORK

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

TOTAL WOD COST

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	Bell Sub	2.44	FT.
	STB RMR OD		FT.
5	D.C. ID 7¼ OD	153.08	FT.
	STB RMR OD		FT.
4	D.C. ID 6¼ OD	115.28	FT.
	STB RMR OD		FT.
1	XO Sub	2.60	FT.
1	XO Sub	2.20	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	.34	FT.
	TOTAL	310	FT.
WT. OF STRING		35M	LBS.

BIT RECORD

BIT NO.	1
SIZE	12¼
MFG.	Reed
TYPE	Y11A
JETS 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	261
TOTAL HRS. RUN	47
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	/ /

MUD RECORD

TIME	01:45	3rd	9th
WEIGHT			9.1+
PRESSURE GRADIENT			
VISC.-SEC.	61	74	54
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	2700		

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN SEE SYMBOLS PART 1-P PART 2-P COMM'D-C
248	310	D			66	30	350	5½	64	5½	64	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
258	¼	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00⁰¹	02⁰⁰	2		Drill 12¼ Hole.
02⁰⁰	02¹⁵	¼		Connection & Rig Service.
02¹⁵	04¹⁵	2		Drill 12¼ Hole.
04¹⁵	04³⁰	¼		Survey
04³⁰	05¹⁵	1¾		Trip Plugged Bit
06¹⁵	08⁰⁰	1¾		Drill 12¼ Hole.

DRILLER G. Mattson

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
[illegible]			
	STB RMR OD		FT.
1	D.C. ID 6¼ OD	312.7	FT.
1	STB RMR 9¼ OD	3.41	FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO Sub	2.60	FT.
1	XO Sub	2.20	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	[illegible]	FT.
	TOTAL	[illegible]	FT.
WT. OF STRING		100M	LBS.

BIT RECORD

BIT NO.	1	2
SIZE	12¼	12½
MFG.	Reed	Reed
TYPE	Y11A	Reamer
JET 1/32"	OPEN	OPEN
SER. NO.	691042	690413
DEPTH OUT	310	
DEPTH IN	49	43
TOTAL FTG.	266	
TOTAL HRS. RUN	47½	
COND. 1/8's T/B/ GAGE	2 3	
GPM/ PD--PSI	/	

MUD RECORD

TIME	8:00	10th	3rd
WEIGHT	9.2+	9.3	9.2
PRESSURE GRADIENT			
VISC.-SEC.	47	81	47
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	2100#		
Sicarb	100#		

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN
310	315	D		Ran Bit #2 for 300'	66	20	3505½	64	5½	64		
43	51	R		To Surface	66	10	3505½	64	5½	64		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
315	¼°	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0800	0830	½		Drlg 12¼ Hole
0830	1030	2		Circ-Work Pipe & Cond Mud To Log
1030	1100	½		Strap Out To Log. 12¼ Hole
1100	1145	¾		Rig To Log
1145	1345	2		Logging 12¼ Hole
1345	1400	¼		Tear Out Log Eqs
1400	1445	¾		Make Up 17½ Reamer
1445	1600	1¼		Ream 12¼ To 17½

Pipe Tally 317.10

Strap Tally 316.30

No Core Make Diff -.80

DRILLER L Ryks

EVENING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	Reamer	5.41	FT.
	STB RMR OD		FT.
2	D.C. ID 7¼ OD	62.45	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO Sub	2.60	FT.
1	XO Sub	2.20	FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	17.34	FT.
	TOTAL	90	FT.
WT. OF STRING		21K	LBS.

BIT RECORD

BIT NO.	Reamer 1
SIZE	17½
MFG.	Reed
TYPE	
JETS 1/32"	OPEN
SER. NO.	70413
DEPTH OUT	
DEPTH IN	43
TOTAL FTG.	47
TOTAL HRS. RUN	9¼
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	/

MUD RECORD

TIME	19:00	10th	23rd
WEIGHT	8.8	8.9	8.9
PRESSURE GRADIENT			
VISC.-SEC.	38	55	180
PV/YP	/	/	/
GELS.	/	/	/
WL.-CC'S.			
pH	8.0	9.0	9.0
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	6500#		
Lime	25.		
Bicarb	700		
Sock Ash	100		

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD OF RUN
51	90	39			SR/AS	10	200	5½	52	5½	52	Com

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16⁰⁰	24⁰⁰	8		Ream 12¼ To 17½

DRILLER L Ryks

MORNING TOUR

MORNING TOUR 00⁰¹ P.M. 08⁰⁰ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	12
MTRMAN		F. Tomczak	12
FIREMAN			
FLRMAN		M. Tolman	8
FLRMAN		B. Dirk	8
FLRMAN			

E. Harstad, F. Tomczak 4 Hrs. Hauling Mud @ Amoco's Request

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		F. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kelliher	8
MTRMAN		P. Hofer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FEB 12 1972

Form 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 10

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K-68	Carcajou K-68	2-13-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petroleum Drilling Ltd	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Kerr

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D800	16
2	"	DA500	16

LEGAL LAND DESCRIPTION

	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
LAST CASING TUBING OR LINER							

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

DRILLING CREW PAYROLL DATA

DATE 2-13-72

WELL NAME & NO. Amoco Carcajou K-68

COMPANY Kenting Petroleum

TOOL PUSHER D. Barker — RIG NO. 7

MORNING TOUR — 0001 P.M. — 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

DRILLER G. Mattson

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	6¼	3	
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS	1¼	4½	
7	LUBRICATE RIG	¼		
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY	¼	½	
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORKS			
21				
22				
23				
COMPLETION	A. PERF'R'TN			
	B. TBG-TRIP			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS		8		

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	8	8	8
HRS. W/OPR. D.P.			
HRS. W/O D.P.			
HRS. STANDBY			
TOTAL DAY WORK			
NO. DAYS FROM SPUD			
CUMUL. TRIP ROTATING HRS.			
TOTAL MUD COST			

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	Bell Sub	2.44	
	STB RMR OD		FT.
5	D.C. ID 7" OD	153.08	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub	2.60	
1	X-O Sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	40	FT.
	TOTAL	200	FT.
	WT. OF STRING	26	LBS.

BIT RECORD

BIT NO.	1
SIZE	12¼
MFG.	Reed
TYPE	YTIA
JETS 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	151
TOTAL HRS. RUN	35½
COND. 1/8's T/B/ GAGE	/ /
GPM/ PD--PSI	

MUD RECORD

TIME	0300		06.30
WEIGHT	9.1		9.1
PRESSURE GRADIENT			
VISC.-SEC.	34		34
PV/YP	/	/	/
GELS.	/	/	/
WL.--CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Lime	200#		

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCI. PART'L-P. CONV.-C.
154	200	D			56	26	225	5½	50	5½	50	P

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
170	¼	X						

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00°°	00¹⁵	¼		Rig Service.
00¹⁵	02¹⁵	2		Drill 12¼ Hole.
02¹⁵	02³⁰	¼		Survey
02³⁰	03⁴⁵	1¼		Trip Plugged Bit
03⁴⁵	08°°	4¼		Drill 12¼" Hole.

MORNING TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	Bell Sub	2.44	
	STB RMR OD		FT.
6	D.C. ID 7" OD	179.53	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub	2.60	
1	X-O Sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	—	FT.
	TOTAL	228	FT.
	WT. OF STRING	30M	LBS.

BIT RECORD

BIT NO.	1
SIZE	12¼
MFG.	Reed
TYPE	YTIA
JET 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	179
TOTAL HRS. RUN	~~38½~~
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	0900	1200	
WEIGHT	9.1	9.1	
PRESSURE GRADIENT			
VISC.-SEC.	32	33	
PV/YP	/	/	/
GELS.	/	/	/
WL.--CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	3100#		
Bicarb	100#		

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCI. PART'L-P. CONV.-C.
200	228	28			56	30	225	5½	50	5½	50	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
201	¼°							

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	915	¼		Drlg
915	945	½		Survey
945	1130	2¾		Drlg
1130	100	1½		Trip Plugged Bit
100	145	3¼		Clean Out 30' Fill
145				Bit Plugged on Connection Trip Out to Clean
	300	1¼		Collars - Bit - Run In
300	400	1		Clean 30' Fill Bit Plugged on Connection

DAY TOUR — DRILLER L. Ryks

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	Bell Sub	2.44	
	STB RMR OD		FT.
5	D.C. ID 7" OD	153.08	FT.
	STB RMR OD		FT.
2	D.C. ID 6¼ OD	56.60	FT.
	STB RMR OD		FT.
1	X-O Sub	2.60	
1	X-O Sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	34.08	FT.
	TOTAL	248	FT.
	WT. OF STRING	30	LBS.

BIT RECORD

BIT NO.	1
SIZE	12¼
MFG.	Rego
TYPE	YTIA
JETS 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	199
TOTAL HRS. RUN	41¼
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	2200	2350	
WEIGHT	9.2	9.2	
PRESSURE GRADIENT			
VISC.-SEC.	40	45	
PV/YP	/	/	/
GELS.	/	/	/
WL.--CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	2800#		
Soda Ash	500#		
Bicarb	200#		

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCI. PART'L-P. CONV.-C.
228	248	20			50	30	300	5½	54	5½	54	Com

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600				Run in w/ Bit - 150' Bit Plugged
	1800	2		Hoist + Run in to 120
1800	1925	1¼		Break Circ. & Clean 90' To Btm.
1925	1950	¼		Drill 4' - Bit Plugged on Conn.
1950	2100	1¼		Hoist - Clean out Collar & Bit. Run in
2100	2150	½		Clean 30' Fill
2150	2400	2½		Drill 12¼" Hole

EVENING TOUR — DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DAY TOUR 8 A.M. — 4 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustavson	8
FLRMAN			

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. — 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	11
DRKMAN		R. Kelliher	8
MTRMAN		P. Hofer	11
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		T. Kowerchuk	8
FLRMAN			

Ryks-Hofer 3 man hours
Haul Mud at Amoco's Request
6 Man Hrs

NO. OF DAYS — SINCE LAST LOST TIME ACCIDENT

Form 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 5

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Ft. Al A-1	K-68	Carcajou K-68	2-12-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	Kenting Petrolia Drilling Ltd.	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. Lloyd

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	"	DA500	16

LEGAL LAND DESCRIPTION

	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT
LAST CASING TUBING OR LINER							

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			5
3	REAMING			1
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS	1½		
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT DRILL			2
13	WAIT ON CEMENT	3¾		
14	NIPPLE-UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21	CEMENT	6¾		
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS				

DAY WORK TIME SUMMARY (OFFICE USE ONLY): 8 8 8

HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	5
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.--SEC.			
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD OF RUN SGL--S PART'L P COMP'D C
126												
66	78	R										

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 01	01 30	1 1/2		RUN IN & ~~DRILL OUT CEMENT~~ CLEAN FROM 66' ~~TOP OF CEMENT~~ LOOSING MUD OUT OF CONDUCTOR HOLE.
01 30	03 30	2		RIG TO CEMENT.
03 30	04 15	3/4		CEMENT WASHED CONDUCTOR HOLE W/305 SAX PEMA FROST CEMENT
04 15	08 00	3 3/4		W.O.C.

DRILLER A. Mattson

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD OF RUN SGL--S PART'L P COMP'D C
126												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	4 00	8.		W.O.C.

DRILLER

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JET 1/32"	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.--SEC.			
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	900#		

DAY TOUR

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	Bell Sub	2.89	
	STB RMR OD		FT.
4	D.C. ID 7" OD 7 1/16	121.93	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO Sub	1.60	
1	XO Sub	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	24.93	FT.
	TOTAL	154	FT.
	WT. OF STRING	20	LBS.

BIT RECORD

BIT NO.	1
SIZE	12 1/4
MFG.	REED
TYPE	YHA
JETS 1/32"	OPEN
SER. NO.	G31042
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	
TOTAL HRS. RUN	29 1/4
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	9:00	11:00	
WEIGHT			
PRESSURE GRADIENT			
VISC.--SEC.	29	33	
PV/YP	/	/	/
GELS.	/	/	/
WL --CC'S.			
pH			
SOLIDS %			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	65.00#		
Lime	50#		

EVENING TOUR

FOOTAGE / FORMATION

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD OF RUN SGL--S PART'L P COMP'D C
136	154	D			50	20	50	5½	60			S

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	18 00	2		DRILL OUT CEMENT TOP 44' - 73
18 00	19 00	1		CLEAN FILL TO BTM.
19 00	24 00	5		DRILL 12¼" HOLE

DRILLER A. Ryks

DRILLING CREW PAYROLL DATA

DATE 2-12-72

WELL NAME & NO. Amoco Carcajou K-68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN		B. DIRK	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 4 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. SHARP	8
DRKMAN		K. JOHNSON	8
MTRMAN		A. SHARP	8
FIREMAN			
FLRMAN		F. ARNDT	8
FLRMAN		K. GUSTAVSON	8.
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4 00 P.M. 12 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	8
DRKMAN		R. KELLNER	8
MTRMAN		P. HOFFER	8
FIREMAN			
FLRMAN		D. FOX	8
FLRMAN		J. KOWERCHUK	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 4

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco Et Al A-1	K-68	CARCAJOU K-68	2-11-72

OPERATOR	CONTRACTOR	RIG NO.
Amoco of Canada	KENTING PETROLIA	7

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D Clark

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D Barker

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	D500	16
2	"	DA500	16

LEGAL LAND DESCRIPTION

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED

FT. CUT OFF — PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL			
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE			
6.	TRIPS			
7.	LUBRICATE RIG			
8.	REPAIR RIG			
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY			/
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.	W.O.H&IB	8		
22.				
23.				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
	TOTALS			

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	8 8 8
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour) / BIT RECORD

NO.			
BIT		FT.	BIT NO.
			SIZE
STB RMR	OD	FT.	MFG.
D.C. ID	OD	FT.	TYPE
STB RMR	OD	FT.	JETS 1/32"
D.C. ID	OD	FT.	SER. NO.
STB RMR	OD	FT.	DEPTH OUT
			DEPTH IN
			TOTAL FTG.
			TOTAL HRS. RUN
STANDS DP		FT.	COND. 1/8" T/B/ GAGE
SINGLES DP		FT.	GPM/ PD-PSI
KELLY DOWN		FT.	
TOTAL		FT.	
WT. OF STRING		LBS.	

MUD RECORD

TIME				
WEIGHT				
PRESSURE GRADIENT				
VISC.-SEC.				
PV/YP	/	/	/	
GELS.	/	/	/	
WL -CC'S.				
pH				
SOLIDS %				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour) / BIT RECORD

NO.			
BIT		FT.	BIT NO.
			SIZE
STB RMR	OD	FT.	MFG.
D.C. ID	OD	FT.	TYPE
STB RMR	OD	FT.	JET 1/32"
D.C. ID	OD	FT.	SER. NO.
STB RMR	OD	FT.	DEPTH OUT
			DEPTH IN
			TOTAL FTG.
			TOTAL HRS. RUN
STANDS DP		FT.	COND. 1/8" T/B/ GAGE
SINGLES DP		FT.	GPM/ PD-PSI
KELLY DOWN		FT.	
TOTAL		FT.	
WT. OF STRING		LBS.	

MUD RECORD

TIME				
WEIGHT				
PRESSURE GRADIENT				
VISC.-SEC.				
PV/YP	/	/	/	
GELS.	/	/	/	
WL -CC'S.				
pH				
SOLIDS %				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLING ASSEMBLY (At end of tour) / BIT RECORD

NO.			
BIT		FT.	BIT NO.
			SIZE
STB RMR	OD	FT.	MFG.
D.C. ID	OD	FT.	TYPE
STB RMR	OD	FT.	JETS 1/32"
D.C. ID	OD	FT.	SER. NO.
STB RMR	OD	FT.	DEPTH OUT
			DEPTH IN
			TOTAL FTG.
			TOTAL HRS. RUN
STANDS DP		FT.	COND. 1/8" T/B/ GAGE
SINGLES DP		FT.	GPM/ PD-PSI
KELLY DOWN		FT.	
TOTAL		FT.	
WT. OF STRING		LBS.	

MUD RECORD

TIME				
WEIGHT				
PRESSURE GRADIENT				
VISC.-SEC.				
PV/YP	/	/	/	
GELS.	/	/	/	
WL -CC'S.				
pH				
SOLIDS %				

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SOL.-S PART.-P COMB.-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
136	1/8							

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 01	08 00	8		Rig Up To Cement Washed Conductor Hole w/ Haliburton. [redacted] Spot Haliburton Cementer & Start Motor Steam Out Haliburton Lines Rig To Cement

DRILLER: G. Mattson

DAY TOUR

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S. P. M.	METHOD RUN SOL.-S PART.-P COMB.-C
136												

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08 00	08 02	1		Rig To Cement Conductor Pipe
08 00	10 00	1		Cement Conductor Pipe w/ 285 Sks Permafrost Cement
10 00	16 00	6		Wait For Cement To Set Up

DRILLER: L. Dow

EVENING TOUR

FOOTAGE / FORMATION (SHOW CORE RECOVERY)

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SOL.-S PART.-P COMB.-C

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	22 00	6		W.O.C.
22 00	23 00	1		Drill out Plug @ 48' - 66'
23 00	24 00	1		Clean out Plugged Drill Collars

DRILLER: L. Ryba

DRILLING CREW PAYROLL DATA

DATE 2-11-72

WELL NAME & NO. Amoco Carcajou K-68

COMPANY Kenting Petrolia

TOOL PUSHER D Barker RIG NO. 7

MORNING TOUR _____ P.M. _____ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	8
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	8
FLRMAN		B. Dirk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 4 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. Sharp	8
DRKMAN		K. Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustafson	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 16 00 P.M. 24 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kennifer	8
MTRMAN		P. Hoffer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		L. Kowerchuk	8
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC — APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 3

LEASE	WELL NO.	API WELL NUMBER	DATE
AMOCO ET AL A-1	K-68	CARCAJOU #. K-68	2-10-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
AMOCO OF CANADA		KENTING PETROLIA	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
C. Kloss		D.N. Barker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Emsco	DA500	16
2	"	DA500	16

LEGAL LAND DESCRIPTION

WIRE LINE RECORD REEL NO.

SIZE | NO. LINES | FT. SLIPPED

FT. CUT OFF | PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

DRILLING CREW PAYROLL DATA

DATE 2-10-72

WELL NAME & NO. AMOCO CARCAJOU A-1

COMPANY KENTING PETROLIA

TOOL PUSHER D.N. Barker RIG NO. 7

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL	7 1/2	11	6 1/2
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS	1/2	1/2	1 1/2
7	LUBRICATE RIG			
8	REPAIR RIG		1	
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			1/2
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'TN			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS		1		

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	8 8 8
HRS. W/OPR. D.P.	
HRS. WO/D.P.	
HRS. STANDBY	
TOTAL DAY WORK	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	
TOTAL MUD COST	

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	BELL SUB	2.44	
	STB RMR OD		FT.
	D.C. ID 7" OD	62.45	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO SUB	2.60	
1	" "	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	24	FT.
	TOTAL	94	FT.
WT. OF STRING		10M	LBS.

BIT RECORD

BIT NO.	1
SIZE	12 1/4
MFG.	REED
TYPE	YT1A
JETS 1/32"	OPEN
SER. NO.	691047
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	45
TOTAL HRS. RUN	11 1/2
COND. 1/8" T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	/ / /
GELS.	/ / /
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

MORNING TOUR

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SURV.-PART.-S CORE-C
80	94	14			55	10	50	5 1/2	58			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
00 01	06 00	6		DRILL 12 1/4 HOLE
06 00	06 30	1/2		TRIP TO INSPECT BIT & RIG SERVICE.
06 30	08 00	1 1/2		DRILL.

DRILLER A. Mattson

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 1 4 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN		B. DIRK	8
FLRMAN			

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT		FT.
1	BELL SUB	2.44	
	STB RMR OD		FT.
2	D.C. ID 7" OD 116'	62.45	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO SUB	2.60	
1	" "	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	✓	FT.
	TOTAL	111.09	FT.
WT. OF STRING		15M	LBS.

BIT RECORD

BIT NO.	
SIZE	12 1/4
MFG.	REED
TYPE	YT1A
JET 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	
DEPTH IN	49
TOTAL FTG.	62
TOTAL HRS. RUN	18
COND. 1/8" T/B/ GAGE	DRLG
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	WATER
PV/YP	/
GELS.	/
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DAY TOUR

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SURV.-PART.-S CORE-C
94	111	17										

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
08 00	09 00	1		DRLG
09 00	09 30	1/2		TRIP PLUG BIT & RIG SERVICE
09 30	14 00	4 1/2		DRLG
14 00	14 20	1/2		WORK ON NO 2 PUMP DRIVE
14 20	15 20	1		DRLG
15 20	16 00	1/2		WORK ON NO 1 PUMP DRIVE

DRILLER D.N. Barker

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 1 4 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		W. SHARP	8
DRKMAN		K. JOHNSON	8
MTRMAN		A. SHARP	8
FIREMAN			
FLRMAN		E. HRNDT	8
FLRMAN		K. GUSTAVSON	8
FLRMAN			

DRILLING ASSEMBLY (At end of tour)

NO.			
	BIT	1.00	FT.
1	BELL SUB	2.44	
	STB RMR OD		FT.
3	D.C. ID 7" OD	91.63	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	XO SUB	2.60	
1	" "	2.20	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	37.13	FT.
	TOTAL	136	FT.
WT. OF STRING		20	LBS.

BIT RECORD

BIT NO.	1
SIZE	12 1/4
MFG.	REED
TYPE	YT1A
JETS 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	136
DEPTH IN	49
TOTAL FTG.	87
TOTAL HRS. RUN	24 1/4
COND. 1/8" T/B/ GAGE	1 1 1
GPM/ PD--PSI	

MUD RECORD

TIME	
WEIGHT	
PRESSURE GRADIENT	
VISC.-SEC.	
PV/YP	/
GELS.	/
WL -CC'S.	
pH	
SOLIDS %	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

EVENING TOUR

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SURV.-PART.-S CORE-C
111	136	D			55/80	20	150	5 1/2	44		44	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
110	1/4°	X	135	1/8	X			

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
16 00	16 25	1/4		SURVEY
16 25	22 50	6 1/4		DRILL 12 1/4" HOLE
22 50				COND BBL WASHER OUT
	24 00	1 1/2		SURVEY & TRIP OUT

DRILLER L. Ryks

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4 00 P.M. 12 00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	8
DRKMAN		D. KELLNER	8
MTRMAN		P. HOEFER	8
FIREMAN			
FLRMAN		D. FOX	8
FLRMAN		J. KOWERCHUK	8
FLRMAN			

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO. 2

LEASE	WELL NO.	API WELL NUMBER	DATE
OPERATOR Amoco	1	CARCAJOU A K-68	2-9-72
		CONTRACTOR KENTING. PETROLIA.	RIG NO. 7
SIGNATURE OF OPERATOR'S REPRESENTATIVE Amoco of Canada D Hosh		SIGNATURE OF CONTRACTOR'S TOOL PUSHER D Burke	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LEGAL LAND DESCRIPTION

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD — REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

DRILLING CREW PAYROLL DATA

DATE 2-9-72

WELL NAME & NO. Amoco

COMPANY KENTING. PETROLIA.

TOOL PUSHER D Burke RIG NO. 7

MORNING TOUR 0001 P.M. 0800 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MATTSON	8
DRKMAN		E. HARSTAD	8
MTRMAN		F. TOMCZAK	8
FIREMAN			
FLRMAN		M. TULMAN	8
FLRMAN		B. DIRK	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 0800 A.M. 1600 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J. SHARP	8
DRKMAN		K. JOHNSON	8
MTRMAN		P. SHARP	8
FIREMAN			
FLRMAN		E. KNUDT	8
FLRMAN		K. GUSTAVSON	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 1600 P.M. 2400 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. RYKS	10
DRKMAN		D. KELLNER	8
MTRMAN		P. HOEFER	8
FIREMAN			
FLRMAN		D. FOX	8
FLRMAN		T. KOLLIERCHUK	8
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1	RIG UP AND TEAR DOWN			
2	DRILL ACTUAL			4
3	REAMING			
4	CORING			
5	CONDITION MUD & CIRCULATE			
6	TRIPS			
7	LUBRICATE RIG			
8	REPAIR RIG			
9	CUT OFF DRILLING LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOGS			
12	RUN CASING & CEMENT			
13	WAIT ON CEMENT			4
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	FISHING			
20	DIR. WORK			
21				
22				
23				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'NL			
	G.			
TOTALS				8

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.	4
HRS. W/APP. D.P.	
HRS. W/O D.P.	
HRS. STANDBY	
TOTAL DAY WORK	8
NO. OF DAYS FROM SPUD	1
CUMULATIVE ROTATING HRS.	4
TOTAL MUD COST	

NO.	DRILLING ASSEMBLY (At end of tour)		
	BIT	1.00	FT.
1	STB RMR Bit Sub OD	2.44	FT.
2	D.C. ID 7 1/16 OD	62.45	FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
	D.C. ID OD		FT.
	STB RMR OD		FT.
1	X-O Sub	2.60	
1	X-O Sub	2.20	
	Kelly	41.40	
	STANDS DP		FT.
	SINGLES DP		FT.
	KELLY DOWN	10.31	FT.
	TOTAL	114.09	FT.
WT. OF STRING			LBS.

BIT RECORD	
BIT NO.	1
SIZE	12 1/4
MFG.	REED
TYPE	4 TIAG
JETS 1/32"	OPEN
SER. NO.	691042
DEPTH OUT	
DEPTH IN	49'
TOTAL FTG.	31'
TOTAL HRS. RUN	4
COND. 1/8's T/B/ GAGE	
GPM/ PD--PSI	

MUD RECORD			
TIME			
WEIGHT			
PRESSURE GRADIENT			
VISC.--SEC.			
PV/YP			
GELS.			
WL --CC'S.			
pH			
SOLIDS %			
MUD & CHEMICALS ADDED			
TYPE	AMT.	TYPE	AMT.

NO. DRILLING ASSEMBLY (At end of tour)

BIT RECORD

MUD RECORD

MUD & CHEMICALS ADDED — TYPE / AMT. / TYPE / AMT.

NO. DRILLING ASSEMBLY (At end of tour)

BIT RECORD

MUD RECORD

MUD & CHEMICALS ADDED — TYPE / AMT. / TYPE / AMT.

MORNING TOUR

DAY TOUR

EVENING TOUR

FOOTAGE — FROM / TO — DR--D RM--R CORE--C — CORE NO. — FORMATION (SHOW CORE RECOVERY) — ROTARY RPM — WT. ON BIT 1000# — PUMP PRESS — PUMP NO. — LINER SIZE — S.P.M. — PUMP NO. — LINER SIZE — S.P.M. — METHOD RUN SCR--S PAR--PL CORE--C

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.	LINER SIZE	S.P.M.	PUMP NO.	LINER SIZE	S.P.M.	METHOD RUN

DEVIATION RECORD — DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

TIME LOG — FROM / TO — ELAPSED TIME — CODE NO. — DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	0800	8		W.O.C. DRILL RAT HOLE.
				20" CONDUCTOR SET @ 49' K.B. CEMENTED W/ 40 SAXS PERMA FROST CEMENT.
				DRILLER G. Mattson
0800	1600	8		DRLG RAT HOLE & MOUSE HOLE.
				DRILLER D Burke
1600	2000	4		W.O.C. & RIG TO SPUD
2000	2400	4		DRILL 12 1/4" HOLE
				SPUD. WELL @ 2000 HRS. FEB 9/72
				K.B. TO GROUND. 17.00'
				DRILLER

FOOTAGE

FROM	TO	DR--D RM--R CORE--C	CORE NO.	FORMATION, (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SCR--S PAR--PL CORE--C
~~SURFACE~~ 49	80	D			60				~~55~~		50	S

DEVIATION RECORD — DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION

TIME LOG — FROM / TO — ELAPSED TIME — CODE NO. — DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1600	2000	4		W.O.C & RIG TO SPUD
2000	2400	4		DRILL 12 1/4" HOLE
				SPUD. WELL @ 2000 HRS. FEB 9/72
				K.B. TO GROUND. 17.00'
				DRILLER

FORM 3T5 APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)

DAILY DRILLING REPORT — REPORT NO.

LEASE	WELL NO.	API WELL NUMBER	DATE
Amoco		CARCAJOU K-68	2-8-72
OPERATOR		**CONTRACTOR**	**RIG NO.**
Amoco of Canada		Kenting Petrolia	7
SIGNATURE OF OPERATOR'S REPRESENTATIVE		**SIGNATURE OF CONTRACTOR'S TOOL PUSHER**	
D Lan		D Baker	

D.P. SIZE	WT./FT.	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LEGAL LAND DESCRIPTION

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT

WIRE LINE RECORD REEL NO.

SIZE	NO. LINES	FT. SLIPPED
FT. CUT OFF	PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT		
CUMULATIVE TON MI. OR TRIPS		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.
1.	RIG UP AND TEAR DOWN			
2.	DRILL ACTUAL			
3.	REAMING			
4.	CORING			
5.	CONDITION MUD & CIRCULATE			
6.	TRIPS			
7.	LUBRICATE RIG			
8.	REPAIR RIG			
9.	CUT OFF DRILLING LINE			
10.	DEVIATION SURVEY			
11.	WIRE LINE LOGS			
12.	RUN CASING & CEMENT			
13.	WAIT ON CEMENT			
14.	NIPPLE UP B.O.P.			
15.	TEST B.O.P.			
16.	DRILL STEM TEST			
17.	PLUG BACK			
18.	SQUEEZE CEMENT			
19.	FISHING			
20.	DIR. WORK			
21.				
22.				
23.				
COMPLETION	A. PERF'R'T'N			
	B. TBG TRIPS			
	C. TREATING			
	D. SWABBING			
	E. TESTING			
	F. ADDIT'N'L			
	G.			
TOTALS				

DAY WORK TIME SUMMARY (OFFICE USE ONLY)

HRS. W/CONTR. D.P.
HRS. W/OPR. D.P.
HRS. WO/D.P.
HRS. STANDBY:
TOTAL DAY WORK
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.
TOTAL MUD COST

DRILLING ASSEMBLY (At end of tour) / BIT RECORD / MUD RECORD

DRILLING ASSEMBLY		BIT RECORD		MUD RECORD	
BIT	FT.	BIT NO.		TIME	
		SIZE		WEIGHT	
STB RMR OD	FT.	MFG.		PRESSURE GRADIENT	
D.C. ID OD	FT.	TYPE		VISC.–SEC.	
STB RMR OD	FT.	JETS 1/32"		PV/YP	
D.C. ID OD	FT.	SER. NO.		GELS.	
STB RMR OD	FT.	DEPTH OUT		WL.–CC'S.	
		DEPTH IN		pH	
		TOTAL FTG.		SOLIDS %	
		TOTAL HRS. RUN		MUD & CHEMICALS ADDED	
STANDS DP	FT.	COND. 1/8" T/B/ GAGE		TYPE / AMT. / TYPE / AMT.	
SINGLES DP	FT.	GPM/ PD–PSI			
KELLY DOWN	FT.				
TOTAL	FT.				
WT. OF STRING	LBS.				

DRILLING ASSEMBLY (At end of tour) / BIT RECORD / MUD RECORD

DRILLING ASSEMBLY		BIT RECORD		MUD RECORD	
BIT	FT.	BIT NO.		TIME	
		SIZE		WEIGHT	
STB RMR OD	FT.	MFG.		PRESSURE GRADIENT	
D.C. ID OD	FT.	TYPE		VISC.–SEC.	
STB RMR OD	FT.	JET 1/32"		PV/YP	
D.C. ID OD	FT.	SER. NO.		GELS.	
STB RMR OD	FT.	DEPTH OUT		WL.–CC'S.	
		DEPTH IN		pH	
		TOTAL FTG.		SOLIDS %	
		TOTAL HRS. RUN		MUD & CHEMICALS ADDED	
STANDS DP	FT.	COND. 1/8" T/B/ GAGE		TYPE / AMT. / TYPE / AMT.	
SINGLES DP	FT.	GPM/ PD–PSI			
KELLY DOWN	FT.				
TOTAL	FT.				
WT. OF STRING	LBS.				

DRILLING ASSEMBLY (At end of tour) / BIT RECORD / MUD RECORD

DRILLING ASSEMBLY		BIT RECORD		MUD RECORD	
BIT	FT.	BIT NO.		TIME	
		SIZE		WEIGHT	
STB RMR OD	FT.	MFG.		PRESSURE GRADIENT	
D.C. ID OD	FT.	TYPE		VISC.–SEC.	
STB RMR OD	FT.	JETS 1/32"		PV/YP	
D.C. ID OD	FT.	SER. NO.		GELS.	
STB RMR OD	FT.	DEPTH OUT		WL.–CC'S.	
		DEPTH IN		pH	
		TOTAL FTG.		SOLIDS %	
		TOTAL HRS. RUN		MUD & CHEMICALS ADDED	
STANDS DP	FT.	COND. 1/8" T/B/ GAGE		TYPE / AMT. / TYPE / AMT.	
SINGLES DP	FT.	GPM/ PD–PSI			
KELLY DOWN	FT.				
TOTAL	FT.				
WT. OF STRING	LBS.				

MORNING TOUR

FOOTAGE FROM / TO — DR–D RM–R CORE–C — CORE NO. — **FORMATION** (SHOW CORE RECOVERY) — ROTARY RPM — WT. ON BIT 1000# — PUMP PRESS — PUMP NO. LINER SIZE / S.P.M. — PUMP NO. LINER SIZE / S.P.M. — METHOD RUN SCH–S PART–P COMPOC

DEVIATION RECORD DEPTH / DEV. / DIRECTION (×3)

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	8⁰⁰	8		~~WOC~~. ~~Drill Rat Hole~~. Rig To Spud.

DRILLER A. Mattson

DAY TOUR

FOOTAGE FROM / TO — DR–D RM–R CORE–C — CORE NO. — **FORMATION** (SHOW CORE RECOVERY) — ROTARY RPM — WT. ON BIT 1000# — PUMP PRESS — PUMP NO. LINER SIZE / S.P.M. — PUMP NO. LINER SIZE / S.P.M. — METHOD RUN SCH–S PART–P COMPOC

DEVIATION RECORD DEPTH / DEV. / DIRECTION (×3)

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	9³⁰	1½		Rig To Spud
9³⁰	4⁰⁰	6½		Spud 24" Auger & Auger Cond Hole.

DRILLER

EVENING TOUR

FOOTAGE FROM / TO — DR–D RM–R CORE–C — CORE NO. — **FORMATION** (SHOW CORE RECOVERY) — ROTARY RPM — WT. ON BIT 1000# — PUMP PRESS — PUMP NO. LINER SIZE / S.P.M. — PUMP NO. LINER SIZE / S.P.M. — METHOD RUN SCH–S PART–P COMPOC

DEVIATION RECORD DEPTH / DEV. / DIRECTION (×3)

TIME LOG FROM	TO	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	7³⁰	3½		Auger Cond. Hole
7³⁰	9³⁰	2		Run Bol – Cement Same ~~●~~ w/39 sks Permafrost Cement.
9³⁰	12⁰⁰	2½		WOC.

DRILLER L. Ryks

DRILLING CREW PAYROLL DATA

DATE 2-8-72.
WELL NAME & NO. Amoco
COMPANY Kenting Petrolia
TOOL PUSHER RIG NO. 7

MORNING TOUR P.M. A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. Mattson	8
DRKMAN		E. Harstad	~~8~~ 11
MTRMAN		F. Tomczak	8
FIREMAN			
FLRMAN		M. Tulman	~~8~~ 11
FLRMAN		B. Dirk	8
FLRMAN			
		~~6 man hrs~~	E. Harstad, M. Tulman
		3 Hrs. Hauling Cement	
		For Amoco	

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR A.M. P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		W. Sharp	~~8~~ 10
DRKMAN		R Johnson	8
MTRMAN		A. Sharp	8
FIREMAN			
FLRMAN		E. Arndt	8
FLRMAN		K. Gustavson	8
FLRMAN			
		~~2 man hrs~~	Help Connect up Amoco Trailer

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4⁰⁰ P.M. 12⁰⁰ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		L. Ryks	8
DRKMAN		D. Kellner	8
MTRMAN		P. Hoffer	8
FIREMAN			
FLRMAN		D. Fox	8
FLRMAN		J. Kowerchuk	8
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

FEB 17 1972

FORM 3T5 — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

CAODC APPROVED (Rev. Jan. 1/71)