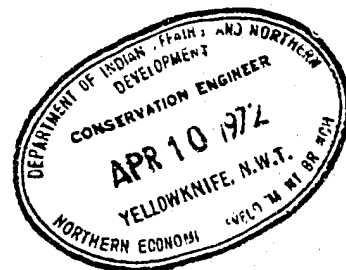
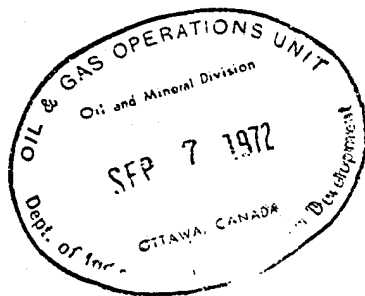


WELL HISTORY REPORT

ATKINSON HELMET ET AL ISLAND R. I-63

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Submitted by:

ATKINSON PETROLEUMS LTD.

C. Mastin
April 6, 1972

WELL HISTORY REPORT

Well: Atkinson Helmet et al Island R I-63

Permittee: Amoco Canada Petroleum Company Ltd.
Union Oil of Canada Limited

Operator: Atkinson Petroleums Ltd.
540 - 5th Avenue S. W.

Location: I-63
60°32'41" N. 120°56'20" W.
Grid 60-40-120-45
Lat. 60.54473°N. Long. 120.93889°W.
300I636040120450

Co-ordinates:

Lat. 60.54473°N. Long. 120.93889°W.

Permit or Lease Number

Lease No. 330-68

Drilling Contractor:

Regent Drilling Limited
Rotary Rig #3

Drilling Authority:

No. 579
February 16, 1972

Classification:

Wildcat

Spudded: February 21, 1972

Completed Drilling:

March 16, 1972

Total Depth: 6300'

Elevations:

Ground 1741'
K.B. 1755'

Well History Report (Cont'd)

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Atkinson Helmet et al Island R I-63

Well Status: Dry and Abandoned.

Rig Release Date:

March 21, 1972

Hole Sizes:

15" to 658'
8 3/4" 658 - 6300'.

Casing:

Ran 21 jts. 10 3/4" 40.5# J-55 with a Howco float and guide shoe, plus 3 centralizers. Ran 658' of casing - casing landed at 666' - Cemented with 600 sacks of cement plus 2% CaCl. Plug Down 3:15 am February 24, 1972. Good returns.

Well History Report (Cont'd)

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GEOLOGICAL SUMMARY

FORMATION TOPS:

<u>Sample</u>		<u>Log</u>
Kotcho	2137	2140
Techo	2683	2682
Jean Marie	3727	3724
Fort Simpson	3775	3774
Slave Point	5475	5475
Watt Mtn.	5790	5790
Elk Point	5920	5920
Elk Point		
porosity top	6030	6055
" bottom	6110	6160
Red Beds	6160	6160
PreCambrian	6270	6266
Total Depth	6300'	6300'

Cored Intervals:

No cores cut.

Sample Descriptions:

See pages 4, 5, 6, and 7.

ENGINEERING SUMMARY

Drillstem Tests - see pages 8, 9 and 10.

ISLAND RIVER I-63

Sample Description

2000		Shale grey black micro-micaceous. Siltstone buff	
10		Same	pyrite
20		" some bituminous shale partings	
30		"	
40		" pyrite	KOTCHO 2037
50		Limestone white Calcilutite	
60		Same	
70	- 80	brown shale speckled dolomitic	
90		Limestone dk. brn. buff mottled argillaceous. Much shale as above	
Trip @ 3161 Trip @ 3265			
3720		Shale grey-green micro micaceous	Pyrite
30		Limestone brown buff Calcilutite	TOP JEAN MARIE 3730
40		" " "	some light brown Tight
50		Same	fossiliferous
60		" "	more light brn. to cream dense limestone
70		"	
80		"	Trace of pin pt & intercrystalline poros.
90		Missing sample	
3800	- 10	Shale grey green micromicaceous Brachs.	
10		Same	Some minor siltstone & foss. frags.
3900		Shale grey green micro micaceous	
4000		" " " " "	Some floating frosted quartz grains.
		Grinoid stems and brachs.	
4100		Shale as above. Siliceous green grey to white siltstones. Pink feldspar (rare)	
4200		Shale as above. Siliceous green & white siltstone grading to fine grnd. sandstone in part.	TRIP @ 4236
4300	- 4400	As above	
4500		Shale grey green waxy micaceous	
4600		Shale as above. Dk. brn. siltstone. Some brn. shale	TRIP @ 4662
4700		Shale as above. Med. brn. to grey siltstone. Rare pink feldspar	
4800	- 4900	Shale as above	
5000		Shale green grey micaceous few chips pink granite	
5100	- 30	Same	
5130		"	some minor siltstone
5160	- 5200	"	
5210		"	First appearance of dk. sub-bituminous shale and some minor grey green siliceous siltstone
5220		Same but less bit. sh. & siltstone	
5230		" slightly more bit. sh.	
5240		" almost no bit. sh. Pyrite & odd chip of pink granite	
5250		Same as above.	TRIP @ 5258
5260		Shale green grey micaceous. Some dk. brn. bit. shale. Few floating quartz grains & rare granite chips. Pyrite	
5270	- 80	Same as above	
5290		Same	Considerable amount of frosted quartz grains & pink granite chips. Rare lutitic dolomitic yellow-buff limestone, argil. Appears to be weathered surface.
5300		Same.	grey-green & bit. sh. as above
5310	- 5370	Same	

- 5380 Same also some minor siltstone green-grey pyritic & siliceous.
Trace granite chips
- 90 - 5400 Same
- 5410 " Higher amount of bit. sh. some minor lutitic buff limestone
- 20 - 30 Same as above. Brachs
- 40 Shale dk. grey-black some subbituminous limestone lutitic, pyritic, dense mottled. dk. brown buff.
- 50 Limestone dk. brown buff calcilutite to calcarenite, dense. At least 50% sh. as above.
- 60 Predom. sh. dk. grey black some sub. bit. limestone stringers red. brn. calcilutite dense mottled.
- 70 Mostly sh. as above
- 80 As above. some dk. brown siltstone rare white to cream ls. chalky.
pyrite
- 90 TOP SLAVE PT. 5480
- 5490 Limestone buff to med. brown. Calcilutite to calcarenite. Tight. Micro-crypto. in Sub bituminous in part. Bituminous shale partings. Some undistinguishable fossil. frags. A few strom. otoporoid frags.
- 5500 - 10 Same much pyrite no vis. poros.
- 20 Same as above with much cream limestone. Calcilutite, dense
- 30 Mostly cream limestone as above with some limestone as previous.
(buff to med. brn. etc) no vis. poros.
- 40 Same as above. many brach & strom. frags. No vis. poros
- 50 Same. TRIP @ 5559 fossiliferous
- 60 Same. Pyrite some pyrobitumen & few calcispheres
- 70 Limestone cream-buff mottled, calcilutite to calcarenite. Some darker brown mottled calcilutite mostly dense. Sub bituminous & very fossiliferous Calcispheres.
- 80 Same as above. Calcite. Possible vugs or fractures. Pyrite. No visible evidence of porosity
- 90 Limestone as above. More pyrobitumen & calcite with pyrobitumen coating
- 5600 - 7020 Limestone cream to buff. Calcarenite dense & tight. Much calcite veining & fossil. replacement. Crypto in with considerable pyrobitumen. Very fossiliferous. Possible vugs or fracturing Calcite crystals lining some limestone. Some hairline fractures.
- 7030 Same as above but less calcite crystals & apparent fractures.
- 5640 Same as above. Rare dolomite rhombs lining fractures? Mostly calcite crystals (subhedral) lining fractures
- 7050 Shale grey-green micaceous, black bituminous, green siltstone. appears to be cavings from trip after D.S.T. #1
- 5660 - 70 Limestone cream to dk. brn. mottled calcilutite. Limestone dark brown black bituminous calcilutite, fossiliferous. Some calcite veining.
all tight
- 7000 Limestone cream to buff to dk. brn. mottled calcilutite. Very dense & tight. Some fossil frags and rare calcite veining
- 5690 - 7120 Same
- 7120 Same pyrite
- 7140 Limestone white to buff mottled. Calcarenite to calcilutite. Chalky Dense & tight. pyrite
- 50 - 60 Same. Slightly fossiliferous some calcite with patches & streaks of pyrobitumen
- 70 Limestone buff mottled. Calcilutite dense & tight. Some pyrobitumen. Some calcite with pyrobitumen patches.

Island River I-63

Sample Description 3

- 5780 Same but considerable calcite some sparry but mostly white and dense tight
- 90 Same as above but some angular quartz, frosted quartz grains and rare pink granite
- 5800 Limestone buff to dark brown mottled. Darker is very bituminous. Shale black very calcareous. Considerable angular quartz, frosted quartz grains pink granite with trace of biotite, weathered feldspar. Trace varicolored siltstone. Fossil frags fairly abundant.
- 5810 Limestone as above and shale as above
- 20 Limestone white calcilutite dense & chalky. Some bitumen inclusions on calcite.
- 30 - 40 Limestone buff to dk. brn. mottled. Bituminous in part. Sparry calcite Dolomite white coarse and subeuhedral pyrobitumen. Not very abundant and no visible porosity. Probably vug infilling with calcite
- 40 Dolomite rare. Crinoidstem and other fossil frags.
- 50 - 60 Limestone cream to buff mottled. Calcaranite chalky. Limestone dk. brown mottled Calcilutite dense. Fossiliferous
- 70 Limestone as above. Shale black very calcareous & bituminous. Pyrite
- 5880 Limestone white, cream, buff to dk. brn. mottled. Calcaranite to calcilutite, chalky in part & fossiliferous. Some pyrobitumen. Shale black very calc. & bituminous.
- 5890 Limestone as above, and some shale as above. Trace of coarse subeuhedral and white dolomite with pyrobitumen. Some white euhedral calcite with pyrobitumen. Trace of frosted quartz grains & pink granite. Rare fine grained varicolored quartz sand with calcareous cement. Poor porosity in sand no other poros. vis. Brachs & crinoid stems.
- 5900 As above but pred. dk. brn. grey limestone. Calcaranite. Very fossiliferous. Crinoids, brachs and strm. frags.
- 5910 - 20 Limestone med. to dk. brn. mottled. Fragmental calcaranite. Calcite infilling & fossil replacement. Shale black very calc. Limestone med. grey calcilutite. Abundant fossil remains including crinoids, brachs, stroms, spicules corals. Trace of white coarse dolomite. Some large euhedral quartz crystals & frosted & clear grains. Trace of pink granite. Trace anhyd.
- 5930 Mostly cavings from trip @ 5920
- 5940 Limestone same as previous to last sple., but no dolomite or quartz or granite.
- 5950 Limestone cream to buff mottled. Calcilutite chalky & fossiliferous. Limestone black calcilutite dense. Very bituminous & somewhat fossiliferous. Trace of frosted quartz grains & pink granite. Crinoid stems, brachs & stroms. Quartz is subrounded & angular. Rare anhy. blebs.
- 5960 - 70 Same as above. Also trace of white coarsely xm dolomite euhedral. More pink granite and quartz. Dolomite & quartz appear to be vug. infill. & no poros. is visible.
- 5980 - 90 Same except no more granite
- 6000 - 10 Same. Higher percentage of light colored limestone
- 6020 Same. trace of med. xm white dol. with pyrobitumen flacks.
- 6030 Same as above except no dol. was seen in this sample.
- 6040 Same. Trace of dol.
- 6050 Same. No dol.
- 6060 " rare coarse xm white dol.

- 6070 Limestone buff calcilutite dense crypts. xm. Limestone buff calcarenite argillaceous. Coarse xm white dolomite & quartz crystals lining vugs or fractures. Mostly nonbituminous. Porosity.
- 6080 - 90 Dolomite brown fine to med. xm. Poor to good porosity. Bituminous
- 6100 Same. Trip sample (good no cavings)
- 6110 Same higher percentage of coarse xm white dol. with pyrobitumen and exhibiting a better crystal growth than before. Also more dense cream limy dolomite calcilutite to calcarenite.
- 6120 Dolomite cream to buff to dk. brn. crypto to micro xm. Calcareous and dense. Some brn. med. xm & white coarsely xm. dolomite. Some cream lutitic limestone with brachs & other fossil remnants.
- 6130 Limestone cream to buff calcilutite to calcarenite, dolomitic & very dense. Trace of coarse white xm dolomite & clear quartz euhedral crystals.
- 6140 Same. Brachs
- 6150 Same.
- 6160 " Appears to be vugular porosity with white coarse xm dolomite lining vugs.
- 6170 Limestone grey calcilutite dense, calcarenitic in part with some pyrobitumen also quite dolomitic.
- 6180 Quartzite composed of med. to coarse quartz grains, translucent quartzite as above, some with finely disseminated pyrite inclusions and some trace of red stain. Some of this does not appear to be metamorphosed & is a coarsely granular sandstone composed of poorly sorted red. to coarse frosted & clear quartz grains. Appears to be some porosity but possibly no permeability. No cut or fluorescence but pyrobitumen is present.
- 6190 - 6200 Limestone grey calcilutite dense dolomitic. Some with floating quartz grains. Argil. Shale, grey black micromicaceous. Some finely disseminated pyrite in limestone. Also fossiliferous. Brachs.
- 6210 Same except mostly quartz grains with a limestone matrix between grains. Some poros. but maybe poor perm?
- 6220 Dolomite pink crypto xm very argillaceous floating quartz grains. Some clear quartz grains & quartzite, coarse grained poorly sorted. Black grey blocky shale. Brach frags also pink. Appears to be altered by geo-thermal process.
- 6230 Same but now appears to be grading to a red shale, very dolomitic.
- 6240 Shale dark red as above. Abundant free quartz fossil frags. all tinged red. Green & lt. green grey micromicaceous, blocky shale. Anhydrite inclusions.
- 6250 - 6260 Shale red as above. Dolomite pink as previous Quartzite clear translucent as @ 6100. Trace limestone calcilutite, dolomitic buff. All of these rocks appear to have been altered to various degrees with some quartz & dolomite not appreciably altered. Anhydrite white primary?
- 6270 Same as above. Trace of pink granite. Chlorite, Chlorite, muscovite pyroxene
- 6280 Same quartzite but verging towards to quartz granite. Trace of pink granite, hornblende pyroxene chlorite.
- 6290 Quartzite, much more granite & accessory minerals as above.
- 6300 Same.

DRILL STEM TEST REPORT

Well Name Atkinson Helmet et al Island River Date _____

Test No. 1 Testing Co. Johnson Testers Operator _____

Test Interval 124 - 2040 Formation Slave Point

Well Depth 2040 Hole Size 8-3/4 Rathole Depth _____ Size _____

Type of Tool _____ O.D. Rubber _____

Drill Pipe Size _____ Wt./Ft. _____ Choke Size _____

Mud Wt. _____ Visc. _____ W.L. _____ Salinity _____ ppm NaCl

Cushion _____ Mud Level Drop in Annulus _____

Time: Started in Hole _____ M. On Bottom _____ M.

Pulled Loose _____ M. Out of Hole _____ M.

Pre-Flow 5 Mins. Valve Open 60 Mins.

Initial Shut-in 60 Mins. Shut-in (Final) 120 Mins.

Type of Blow Weak air blow bldg. slightly throughout to air in G.T.S. Mins.

10 mins. decreasing to very weak in 60 mins.

To Surface Mins. Blow Died _____ Mins.

Flow Rates: _____ Mcf. _____ Mins.; _____ Mcf. _____ Mins.; _____ Mcf. _____ Mins.;

_____ Mcf. _____ Mins; Measured with _____

Size Riser _____ Length of Flame _____

Recovery: 450' mud.

Samples Taken of _____ Salinity _____ ppm NaCl.

Charts: Test O.K. (x); Misrun (); Charts Normal _____

Initial Hydrostatic 2025 p.s.i. Final H.P. 2652 p.s.i.

Initial Shut-in 1050 p.s.i. Final S.I. 1805 p.s.i.

Initial Flow 218 p.s.i. Final Flow 250 p.s.i.

REMARKS: _____

Operating Engineer _____

DRILL STEM TEST REPORT

Well Name Atkinson H. met et al Island River Date _____

Test No. ? Testing Co. Jonsson Testers Operator _____

Test Interval 601, - 6090 Formation Keg River

Well Depth 6090 Hole Size _____ Rathole Depth _____ Size _____

Type of Tool _____ O.D. Rubber _____

Drill Pipe Size _____ Wt /Ft. _____ Choke Size _____

Mud Wt. _____ Visc. _____ W.L. _____ Salinity _____ ppm NaCl

Cushion _____ Mud Level Drop in Annulus _____

Time: Started in Hole _____ M. On Bottom _____ M.

Pulled Loose _____ M. Out of Hole _____ M.

Pre-Flow 10 Mins. Valve Open _____ Mins.

Initial Shut-in _____ Mins. Shut-in (Final) _____ Mins.

Type of Blow only occurred on pre-flow. Tool plugged. Fair air blow G.T.S. _____ Mins.

throughout 10 min. pre-flow. No blow when tool opened.

To Surface Mins. Blow Died _____ Mins.

Flow Rates: _____ Mcf. _____ Mins.; _____ Mcf. _____ Mins.; _____ Mcf. _____ Mins.;

_____ Mcf _____ Mins; Measured with _____

Size Riser _____ Length of Flame _____

Recovery: 600' drilling mud.

Samples Taken of mud Salinity _____ ppm NaCl.

Charts: Test O.K. (☐); Misrun (☒); Charts Normal _____

_____ Initial Hydrostatic 2700 p.s.i. Final H.P. 2750 p.s.i.

_____ Initial Shut-in 2550 p.s.i. Final S.I. na p.s.i.

_____ Initial Flow 110 p.s.i. Final Flow _____ p.s.i.

REMARKS: _____

Operating Engineer _____

DRILL STEM TEST REPORT

Well Name Atkinson Helmer et al Island River Date _____

Test No. 2 Testing Co. Johnson Testers Operator _____

Test Interval 0200 - 0300 Formation Granite Wash

Well Depth 6000 Hole Size _____ Rathole Depth _____ Size _____

Type of Tool _____ O.D. Rubber _____

Drill Pipe Size _____ Wt./Ft. _____ Choke Size _____

Mud Wt. _____ Visc. _____ W.L. _____ Salinity _____ ppm NaCl

Cushion _____ Mud Level Drop in Annulus _____

Time: Started in Hole _____ M. On Bottom _____ M.

Pulled Loose _____ M. Out of Hole _____ M.

Pre-Flow 2 Mins. Valve Open 30 Mins.

Initial Shut-in 30 Mins. Shut-in (Final) 00 Mins.

Type of Blow 1 No air blow G.T.S. _____ Mins.

_____ To Surface _____ Mins. Blow Died _____ Mins.

Flow Rates: _____ Mcf. _____ Mins.; _____ Mcf. _____ Mins.; _____ Mcf. _____ Mins.;

_____ Mcf. _____ Mins; Measured with _____

Size Riser _____ Length of Flame _____

Recovery: 70' water cut drilling mud

Samples Taken of water Salinity 11,400 ppm NaCl

Charts: Test O.K. (x); Misrun (); Charts Normal _____

_____ Initial Hydrostatic 2700 p.s.i. Final H.P. 2600 p.s.i.

_____ Initial Shut-in 2410 p.s.i. Final S.I. 2250 p.s.i.

_____ Initial Flow 30 p.s.i. Final Flow 110 p.s.i.

REMARKS: Partially plugging (lightly)

Bottom hole temperature 199°

Operating Engineer _____

Well History Report (cont'd)

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Atkinson Helmet et al Island R. I-63

BIT RECORD:

Bit #1
NIG 1495' in 36 hrs.
Bit #2
NIG 1102' in 42½ hrs.
Bit #3
NIG 921' in 32½ hrs.
Bit #4
NIG 426' in 24 3/4 hrs.
Bit #5
NIG 596' in 37½ hrs.
Bit #6
XDV 293' in 33 hrs.
Bit #7
XDV 99' in 7½ hrs.
Bit #8
XDV 280' in 36 3/4 hrs.
Bit #9
X55 373' in 59 3/4 hrs.

DEVIATION RECORD:

138'	3/4 degrees
258'	3/4
350'	½
456'	3/4
550'	½
650'	½
1750'	3/4
2150'	½
2500'	½
2700'	½
3150'	½
3550'	3/4
3960'	3/4
4236'	2½
4300'	½
4525'	2½
4579'	2½
4660'	2½
5549'	1
5900'	1
6190	1½

Well History Report (Cont'd)

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Atkinson Helmet et al Island R. I-63

MUD REPORT

Type - Gel

Amount Used:	Sawdust	425	sxs.
	Kwik seal	50	lbs.
	Lime	10	lbs.
	Caustic Soda	50	lbs.
	Hydrogel	1310	lbs.
	Benex	150	lbs.
	Soda Ash	50	lbs.
	CMC Low Vis.	10	lbs.
	CMC Hi Vis.	10	lbs.
	Peltex	20	lbs.
	Cypan	15	lbs.

ABANDONMENT PLUGS:

Plug #1	
5980-6160	120 sxs. Felt at 5953'
Plug #2	
5425-5625	130 sxs. Felt at 5420'
Plug #3	
615-715	90 sxs. Felt at 597'
Plug #4	+3% CaCl ₂ .
Surface	5 sxs. at surface - welded on plate erected well marker.

LOGS RUN

DIL	6300 to surface	March 18, 1972
Formation		
Density	6300 to surface	"
SWNP	6300 to surface	"
BHCS	6300 to surface	"
Lithology		
Cross Plot	6300 to surface	"

Well History Report (Cont'd)

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Atkinson Helmet et al Island R. I-63

ANALYSIS

No analysis taken.

SAMPLE LOG

FILE _____

OPERATOR ATKINSON PETROLEUM LTD
 WELL NAME ATKINSON HELMET ET AL ISLAND RIVER
 LOCATION LSD. _____ SEC. _____ TWP. _____ RGE. _____ W. _____ MER. _____
 PROVINCE _____
 COMPILED BY A. L. CHOQUETTE

ELEVATION	
X B	1755
GRD	1741
STATUS AND POTENTIAL	
TYPE	DYA
INITIAL POTENTIAL	
PRODUCING ZONE/S	
NET PAY	

CASING			
	SIZE	SET AT	CEMENT
SURFACE	10 3/4	669	600
PRODUCTION			
INTERMED			
LINER			
MECHANICAL LOGS			
TYPE	SAMPLE TIME		
LOST CIRCULATION			
FORMATION			

CO-ORDS	
SURFACE	
DATES	
SPUD	
RIG RELEASE	
COMPLETED	
SUSPENDED	
DEPTH	
T D	6300
FORMATION	DE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LIMESTONE		PYRITE (ic)		POROSITY
	DOLOMITE		GLAUCONITE (ic)		TRACE - POOR
	ANHYDRITE		SIDERITE (ic)		FAIR
	SHALE		OOLITE (ic)		GOOD
	SANDSTONE		NODULES		OIL STAINING
	SILTSTONE		PLANT REMAINS		TRACE - POOR
	COAL		BENTONITE (ic)		FAIR
	CONGLOMERATE		KAOLIN (ic)		GOOD
	SALT		FRAGMENTAL / BIOCLASTIC		CASING SHOE
	CHERT		FOSSIL REMAINS		DRILL STEM TEST
	GRAY / CALCAREOUS		CONCRETION		CORED INTERVAL
	DOLOMITIC		PYROBITUMEN		PERFORATIONS
	SHALY / ARGILLACEOUS		REEFOID		FRAC'D.
	SANDY / SILTY		ARKOSIC		
	CARB / BITUMINOUS		NO SAMPLE		
	FRACTURED		FRACTURED		

10/

FORMATION TOPS D.S.T. RESULTS CORED INTERVALS PERFORATIONS, ETC.	DEPTH	OIL STAINING	POROSITY	LITHOLOGY	GRN SIZE	SAMPLE DESCRIPTIONS AND REMARKS
						DRLG. TIME

3700
 JEAN MARIE
 3720

GREY-GREEN MICAC.
 BRN-BUFF
 LT. BRN
 LT-BRN-CREAM, MICRO XN

JEAN MARIE
3720

FT. SIMPSON SH
3780

3700

3800

3900

4000

4100

4200

4300

GREY-GREEN MICAC.

BRN-BUFF

LT. BRN

LT-BRN-CREAM, MICRO XN

GREY-GREEN, MICAC, DRACNS

2 of

4300

4400

4500

4600

4700

4800

4900

3 of

4900

5000

5100

5200

5300

5400

5500

SLAVE PT
5480

MUD

GREY-GREEN MICAC
DK BRN BIT. FLTING QUAR.
RARE GRANITE
BUFF LS.

GREEN-GREY SLTST. SILIC.

DARK BRN SUB BIT
BRACHS
DK BRN LS

BUFF-MED BRN MICRO XN
BITUMINOUS STROMS

CREAM

BRACHS, STROMS

CREAM-BUFF MOTTLED
CALCSHERES

NEW
BIT

SLAVE PT
5480

5500

BUFF-MED BRN MICRO XN
BITUMINOUS STROMS

CREAM

BRACHS, STROMS

MUD

CREAM-BUFF MOTTLED
CALCIPHERES

CALCITE

CALCITE VEINING CRYPTO XN
FRACTURES VUGS

5600

DOL. RHOMBS CALCITE CRYST.

CREAM-DK BRN

CREAM-BUFF MOTTLED

5700

WHITE-BUFF CHALKY

BUFF-MOTTLED

WATT MTN
5790

ELK PT
5800

5800

BLK SH. CALC
ANGULAR QUARTZ, GRANITE
FROSTED QUARTZ CRNS.

BUFF-DK BRN
WHITE-CHALKY CALCITE
WHITE EUHED. DOL.

BRINCHS
CREAM-BUFF MOTTLED

BLK. CALC EN BIT

WHITE DOL SUB EUHED.

5900

SH. BLK TRACE GRANITE
CALC. " ANHY.

BLACK LS FROSTED QUARTZ
GRAINS, GRANITE
BRINCHS, BRACHS
STROMS

6000

CREAM

WHITE DOL MED XN

M.R.

RARE COARSE XN WHITE DOL
BUFF LS VUGS FRACTURES
BRN. FINE-MED XN PORES
CREAM-MED BRN MICRO

6100

WHITE COARSE XN
DOL. CREAM-BUFF CRYPTO-XN
BRACHS STROMS
EUHEDRAL QUARTZ.

BRACHS

DOL. WHITE COARSE XN VUGS

5 of

M.R.

6100

RARE COARSE XN WHITE DOL
BUFF LS VUGS FRACTURES
BRN. FINE-MED XN PORES
CREAM-MED BRN ARGIL

WHITE COARSE XN
DOL. CREAM-BUFF CRYPTO-XN
BRACHS STROMS
EUBEDRAL QUARTZ.

BRACHS

6200

RED BEDS
6210

DOL. WHITE COARSE XN VUGS
LIMESTONE GRAY
QUARTZITE
GRAY LS SHALE GRAY-BLK
BRACHS

QUARTZ GRAINS FLATTING
PINK DOL CRYPTO XN.
RED SHALE FLATTING QUARTZ

MUD

RED TERRAN SH ANHY.
QUARTZITE
PINK DOL.

GRANITE RINK CHLORITE
MUSCOVITE PYROXANE
QUARTZ DIORITE HORNBLEND

P.E.
6270

6300

NEW
BIT

604

62.00

MUD

P. € .
6270

6300

GRANITE RHYOLITE
MUSCOVITE PYROXENE
QUARTZ DIORITE HORNBLAND

NEW
BIT

JOHNSTON

Schlumberger

technical report



100-67890-1 • JANUARY 14, 1964 • PM 1:15
A - LOS ANGELES OF SCHUBERTS - B - CANADA - MEXICO

TEST DATA					TOOL SEQUENCE		
Type of Test	Open Hole, Bottom Hole				Tool	Length	O.D.
Time Started in Hole	1830	Hrs	Tool Opened	2155	Hrs.	P.O. Sub	1.40
First Flow	5	Min	Initial Shut-In	60	Min.	Sub	1.30
Second Flow	60	Min.	Second Shut In		Min	MFE Tool	10.00
Third Flow		Min.	Final Shut In	120	Min	Bypass Tool	3.50
Pulled Loose ft	0200	Hrs	Out of Hole	0630	Hrs.	Jars	8.10
Wt. Set on Packers	40,000	=	Pulled Loose Wt.	35,000	=	Safety Joint	1.70
Description of Blow During Test Weak initial blow, building slightly to fair in 10 minutes of second flow, then decreasing to very weak.						S.S. & Packer	9.00 7 3/4"
						T.C. & Packer	5.10 7 3/4"
						Total	40.10
						Stub	1.20
FLUID RECOVERY					Was Test Reverse Circulated	Yes ☐	No ☒
Total Fluid Recovered					450		
Description of Fluid Recovered					450' drilling fluid.		
GAS BLOW MEASUREMENT					ID Riser		
Measured With	Time	Spec. Choke	Reading psi inches	M Cubic Feet, Day			
				NIL			
REMARKS: Test satisfactory.							
RESISTIVITY					SALT CONTENT		
Recovery Water	@	°F.	ppm.				
Mud Pit sample filtrate	@	°F.	ppm.	under 2,000			
District	Fort St. John		Ticket No.	D06758		Date	March 9/72
Company	Atkinson Petroleum Ltd.		Address		540 - 5th Avenue S.W.		
Well Name	Atkinson Helmet et al Island R.		I-63		Calgary 1, Alberta		
Number	60°32'41"N 120°56'20"W		Field		Island River Province North West Territories		
Formation	Tight Hole		Thickness	Co. Rep.		Ronald Gable	
Interval	5529 - 5640		T.D.	5640		Technician Glen Knapp	
Distribution of Reports		10-Mrs. C. Mastin, Calgary					
TOTAL LENGTH					151.40		
Elevation G.L.					n/a K.E. n/a		
Bottom Hole Choke Size					1/2"		
Fluid Cushion Type					Nil Amt.		
MUD AND HOLE DATA							
Mud Type					Gel W.L. 8.1		
Filter Cake					Visc 105 Wt. 9.1		
Time Taken							
Contractor					Regent Drilling Rig No. 3		
Drill Pipe Size					4 1/2" XH		
Drill Collar Size					2 7/8" ID &		
Drill Collar Length					708.57' &		
Main Hole Size					8 3/4" Rat Hole		
Test No.					1 J.T. No. 1		

321 - 50TH AVENUE S.E. • CALGARY 24, ALBERTA • PH. 255 1151

A DIVISION OF SCHLUMBERGER CANADA LIMITED

D06758			PRESSURE DATA		FLUID SAMPLE REPORT	
INSTRUMENT No.	AK1-2594	AK1-2021			Sample No.	503
CAPACITY (psig)	4450	7100			Type	5" ft.
INSTRUMENT DEPTH FT	5540	5544			Depth	5502
INSTRUMENT OPENING	Outside	Outside			Volume	2500 cc
PRESSURE GRADIENT psi/FT.						
WELL TEMP. °F	175					
INITIAL HYDROSTATIC	A 2622#	2632#			Sample Pressure:	
FIRST FLOW	B 235#	242#				92 psig. at Surface
	B-1 214#	221#			Gravity	API @ °F
INITIAL SHUT-IN	C 1741#	1748#			Gas:Oil Ratio	Cu.Ft., bbl.
SECOND FLOW	D 226#	237#				
	D-1 239#	247#			Recovery.	
SECOND SHUT-IN	E				Cu. Ft. Gas	
THIRD FLOW	F				cc. Oil	
	F-1				cc. Water	
FINAL SHUT-IN	G 1783#	1794#			cc. Mud	2200
FINAL HYDROSTATIC	H 2622#	2632#			Total Liquid cc.	2200
REMARKS:						

PRESSURE INCREMENTS

[illegible]

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JOHNSTON TESTERS

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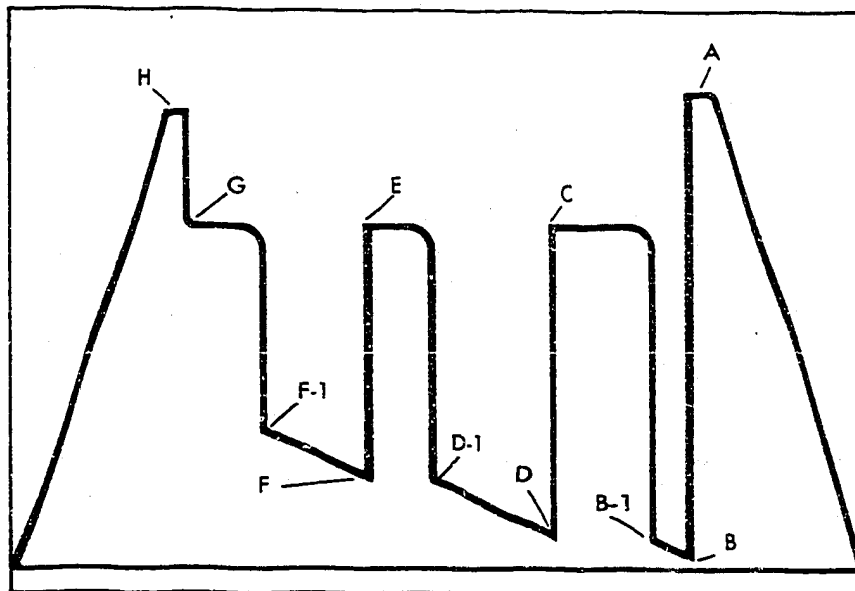
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS.

FIELD
REPORT NO.

RECORDER NO.

D06758

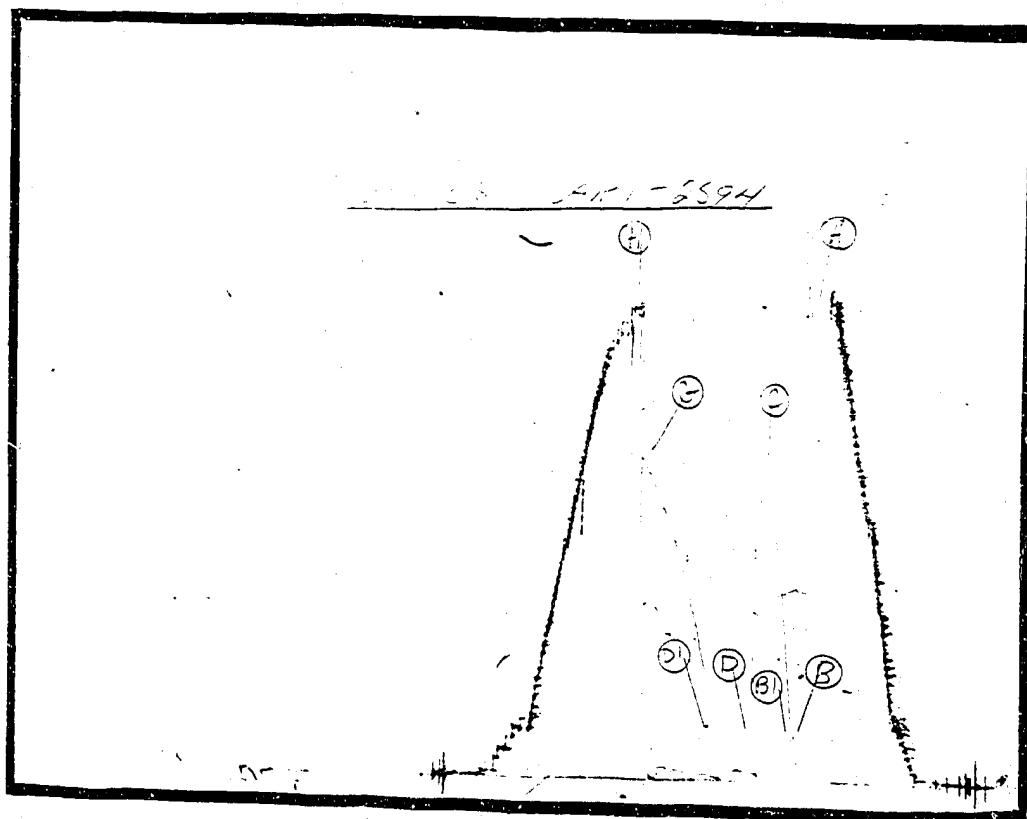
AK1-2594

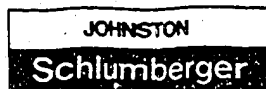


- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressure points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z—Special pressure points such as pumping pressures recorded for formation breakdown.





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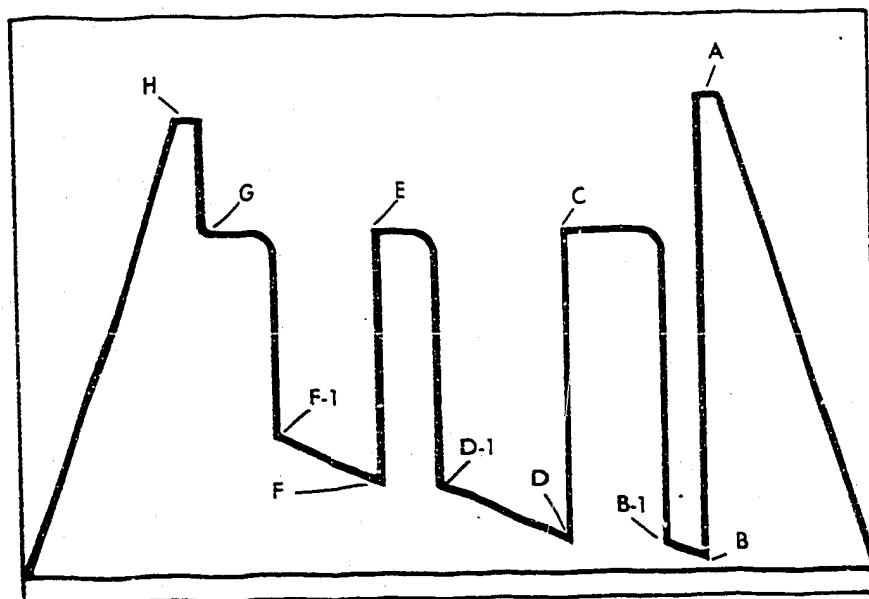
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.

RECORDER NO.

D06758

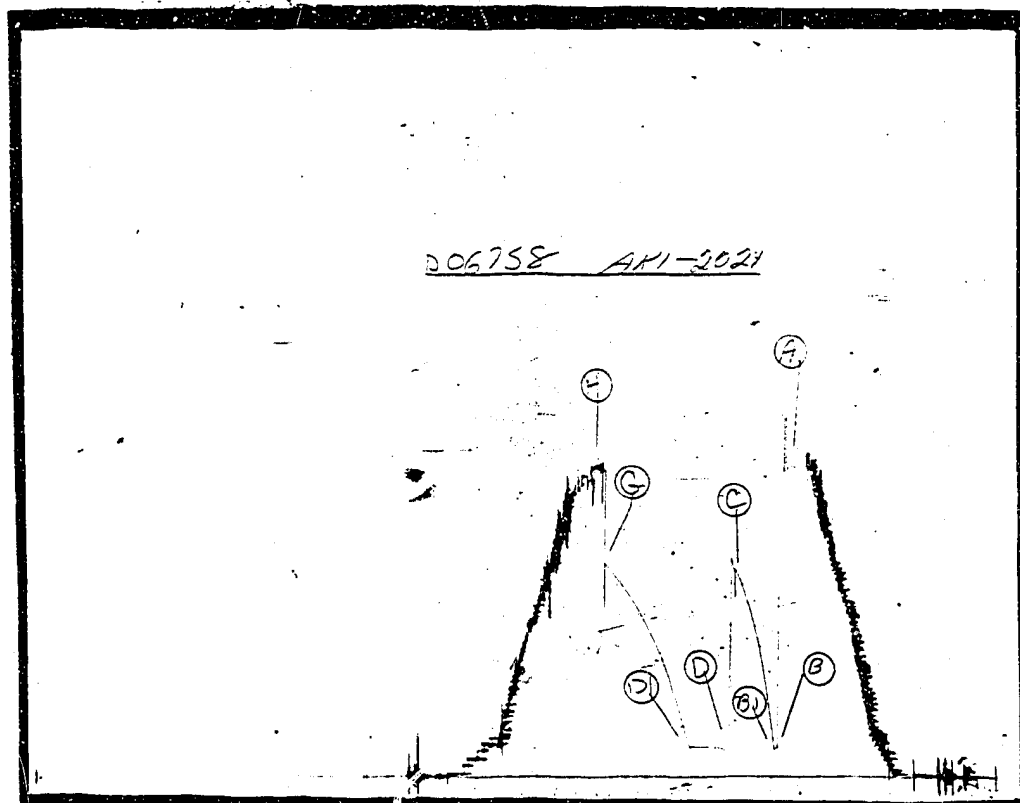
AK1-2021



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.



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**technical
report**

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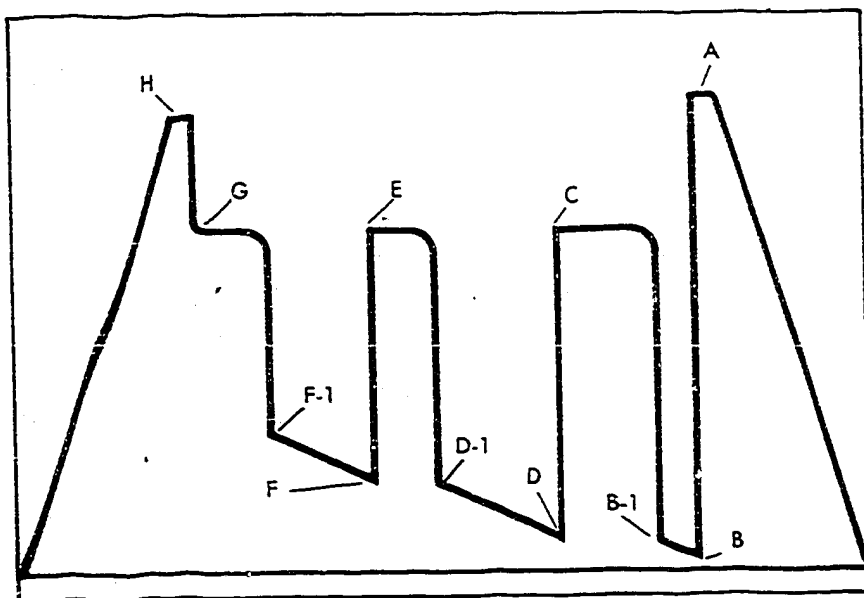
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.

RECORDER NO.

D06759

AK1-2562

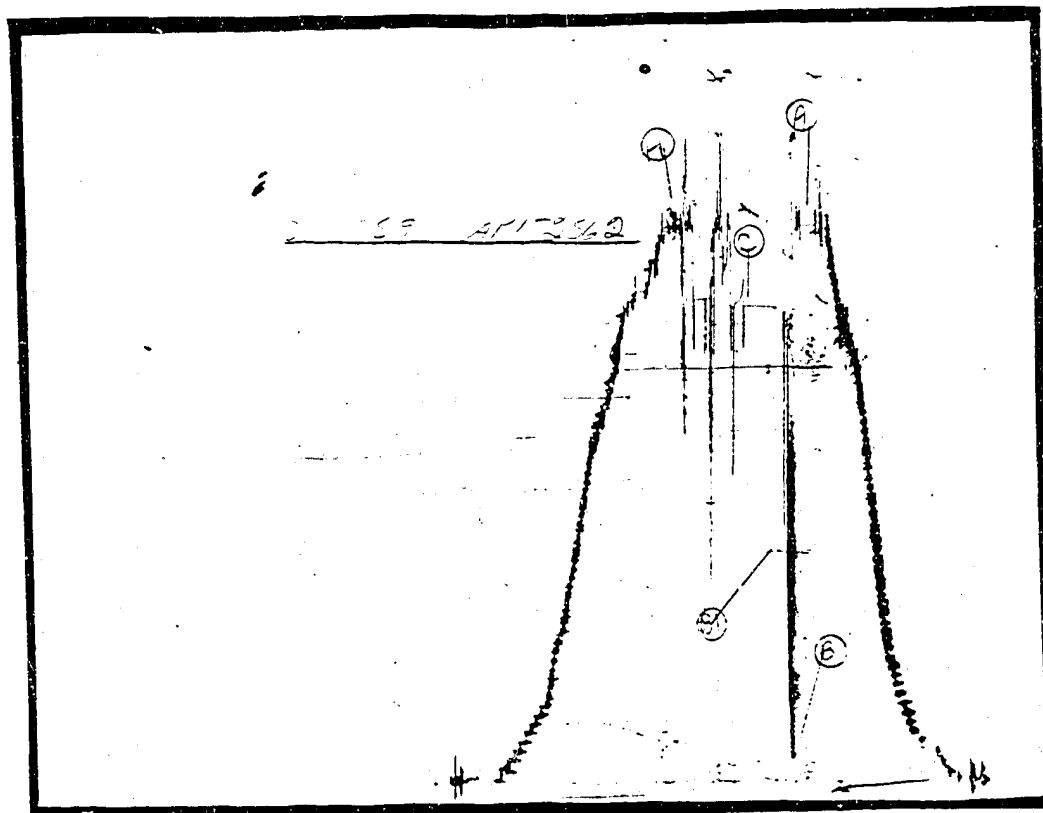


- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures

Z — Special pressure points such as pumping pressures recorded for formation breakdown.



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**technical
report**

TEST DATA					
Type of Test	Open Hole, Bottom Hole				
Time Started in Hole	2000 Hrs.	Tool Opened	0205 Hrs.		
First Flow	5 Min.	Initial Shut-In	30 Min.		
Second Flow	30 Min.	Second Shut In			
Third Flow		Final Shut In	60 Min.		
Pulled Loose @	0410 Hrs.	Out of Hole	0900 Hrs.		
Wt. Set/on Packers	50,000 #	Pulled Loose Wt.	30,000 #		
Description of Blow During Test	No blow.				
FLUID RECOVERY Was Test Reverse Circulated Yes ☐ No ☒					
Total Fluid Recovered	70	Fr.			
Description of Fluid Recovered	70' drilling fluid.				
GAS BLOW MEASUREMENT					
Measured With	I.D. Riser				
Time	Sfce. Choke	Reading psi inches	M Cubic Feet/Day		
			NIL		
REMARKS: Test satisfactory.					
RESISTIVITY SALT CONTENT					
Recovery Water	@	°F.	under 2,000 ppm.		
Mud Pit sample filtrate	@	°F.	11,500 ppm.		
District	Fort St. John	Ticket No.	D06760	Date	March 19/72
Company	Atkinson Petroleum Ltd.		Address	540 - 5th Ave. S.W.	
Well Name	Atkinson Helmet et al Island		Calgary 1, Alberta		
Number	60°32'41"N 120°56'20"W		Field	Island River Province N.W.T.	
Formation	Wildcat		Co. Rep.	Roland Gable	
Interval	6238 - 6300		T.D.	6300 Technician Glen Knapp	
Distribution of Reports 10- Mrs. C. Mastin, Calgary					

TOOL SEQUENCE		
Tool	Length	O.D.
P.O. Sub	.90	
Sub	.80	
MFE Tool	9.00	
Bypass Tool	3.00	
Jars	6.70	
Safety Joint	1.70	
S.S. & Packer	9.00	7 3/4"
T.C. & Packer	5.00	7 3/4"
Total	36.10	
Stub	1.30	
Perfs	10.00	
Recorder	4.40	
Recorder	5.90	
Perf	5.00	
Sub	1.00	
Drill Collar	30.98	
Sub	.30	
B.N. & Perf	2.00	
Total Interval	61.88	
TOTAL LENGTH 97.98		
Elevation G.L.	n/a	K.B. n/a
Bottom Hole Choke Size.	1/2"	
Fluid Cushion Type	Nil Amt.	
MUD AND HOLE DATA		
Mud Type	Gel	W.L. 7.7
Filter Cake	2/32 Visc.	145 Wt. 9.0
Time Taken		
Contractor	Regent Drilling Rig No. 3	
Drill Pipe Size	4 1/2" XH	
Drill Collar Size	2 7/8" ID &	
Drill Collar Length	708.57' &	
Main Hole Size	8 3/4" Rat Hole	

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D06760		PRESSURE DATA		FLUID SAMPLE REPORT	
INSTRUMENT No.	AK1-2562	AK1-2021		Sample No.	529
CAPACITY (psig)	4000	6950		Type	5"
INSTRUMENT DEPTH FT.	6249	6254		Depth	6212 ft.
INSTRUMENT OPENING	Outside	Outside		Volume	2500 cc
PRESSURE GRADIENT psi/FT.					
WELL TEMP. °F.	200				
INITIAL HYDROSTATIC	A 2914#	2902#		Sample Pressure:	
FIRST FLOW	B 15#	14#		3	psig. at Surface
	B-1 70#	77#		Gravity	API @ °F
INITIAL SHUT-IN	C 2419#	2425#		Gas/Oil Ratio	Cu.Ft./bbl.
SECOND FLOW	D 41#	54#			
	D-1 140#	144#		Recovery:	
SECOND SHUT-IN	E			Cu. Ft. Gas	
THIRD FLOW	F			cc. Oil	
	F-1			cc. Water	
FINAL SHUT-IN	G 2387#	2370#		cc. Mud	2000
FINAL HYDROSTATIC	H 2883#	2391#		Total Liquid cc.	2000

REMARKS: MFE sample drained on location.

PRESSURE INCREMENTS

[illegible]

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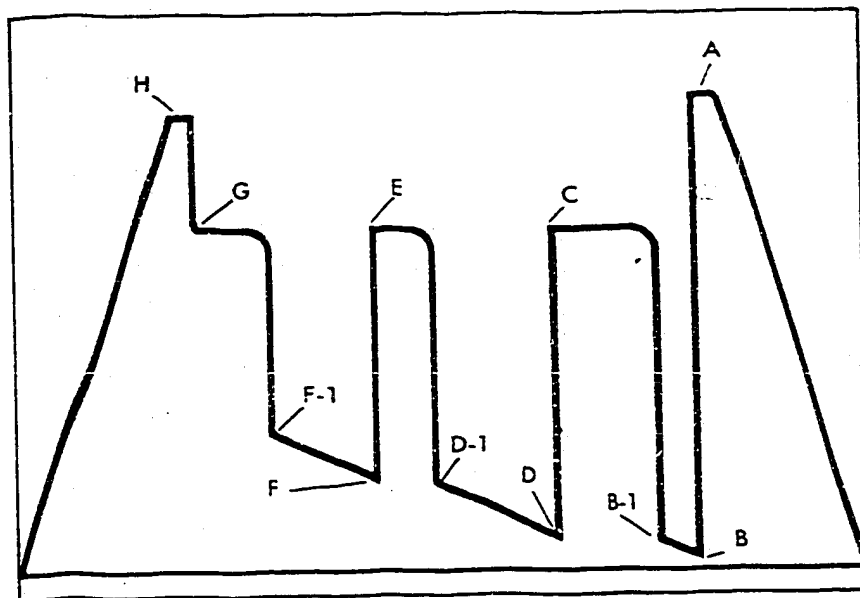
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.

D06760

RECORDER NO.

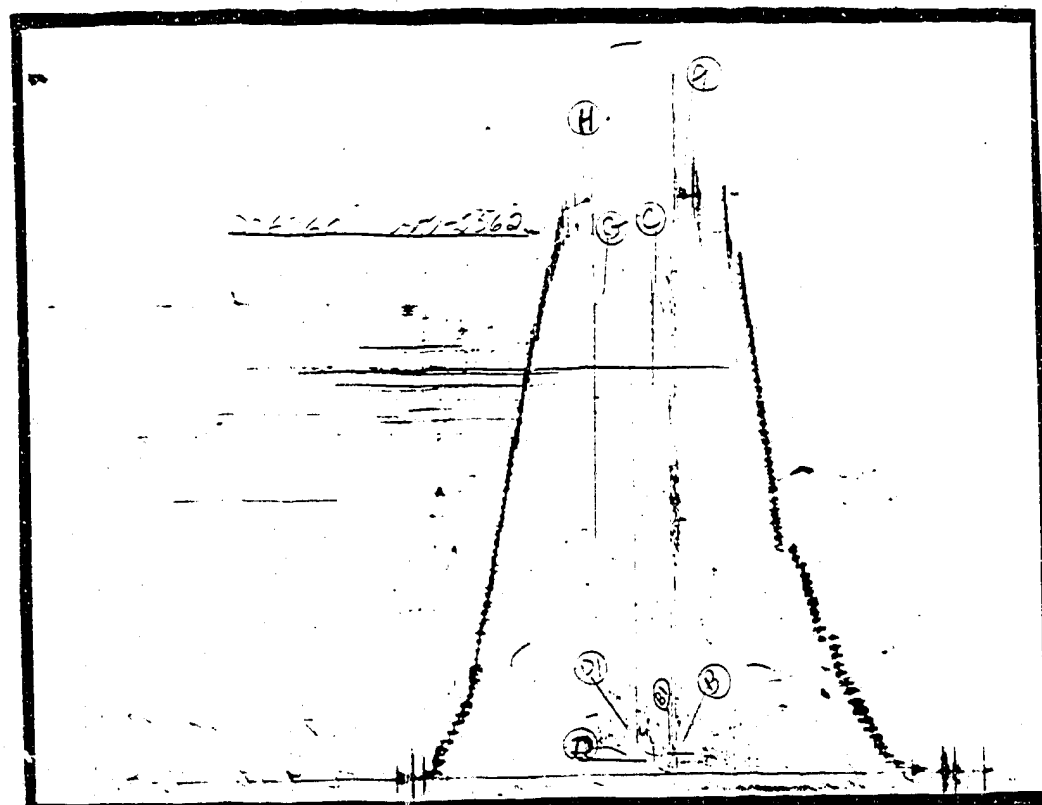
AKI-2562



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.





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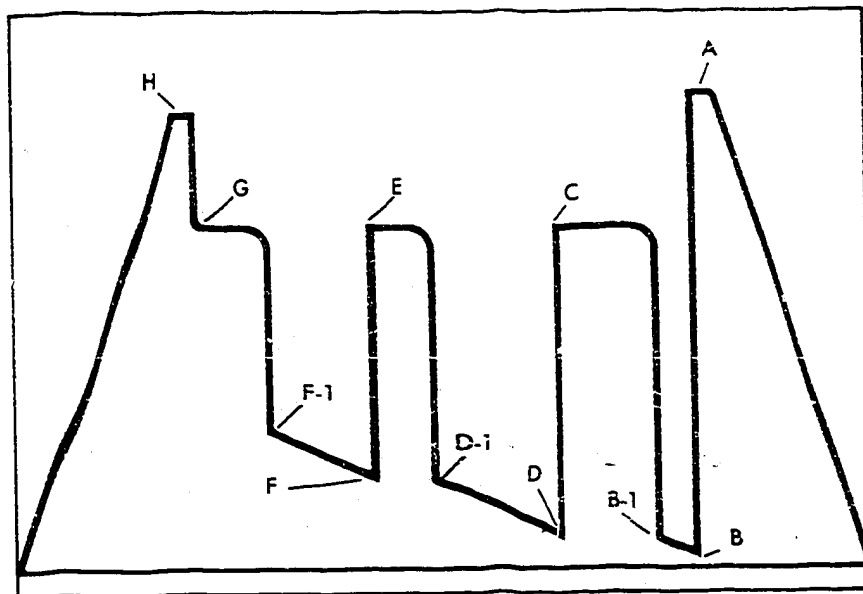
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS

FIELD
REPORT NO.

D06760

RECORDER NO.

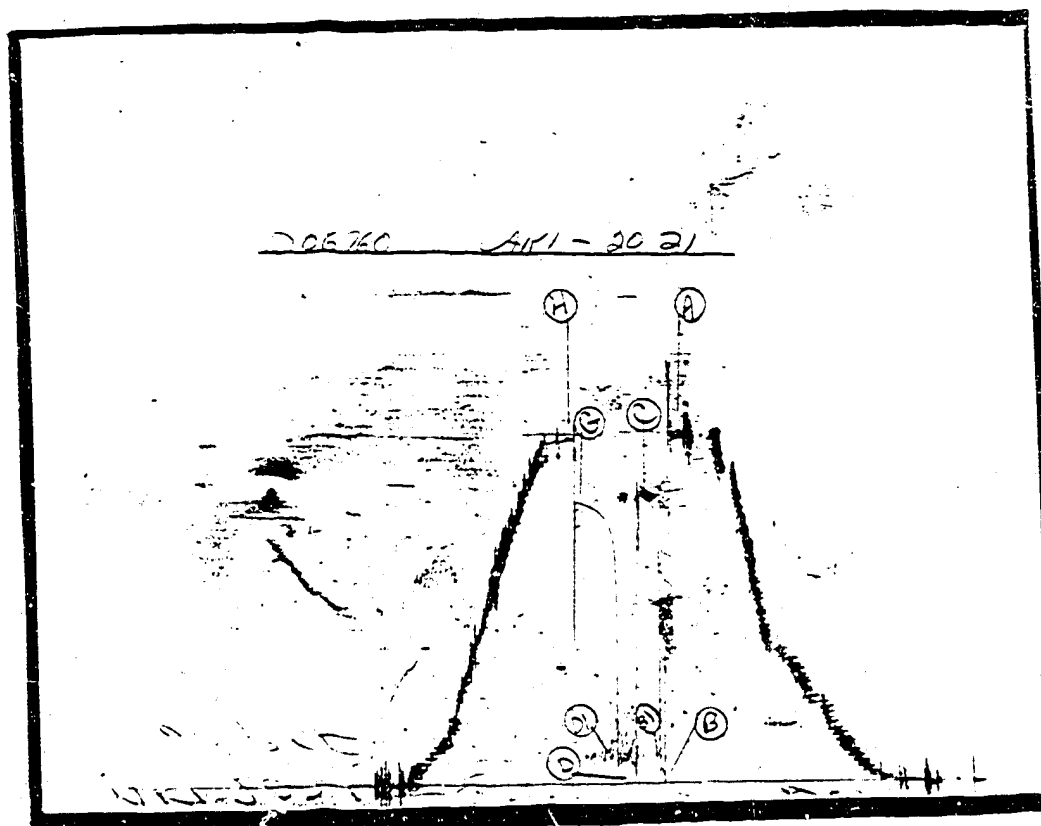
AK1-2021



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- Z—Special pressure points such as pumping pressures recorded for formation breakdown.



Drilling Authority No. ... 579
Date Issued ... 16-02-72

WELL NAME ... Atkinson Helmet et al Island R I-63
FIELD ... Area:
LOCATION: Unit ... I Section ... 63 Grid ... 60-40-120-45
Latitude ... 60°32'41" Longitude ... 120°56'20"
U.W.L.R. ... 60.54473° - 120.93689°
U.W.I. ... 300I636040120450

Rig Release Date: ... 21-03-72
Status ... O + A
Information Release Date ... 21-03-74

CHANGE OF NAME:

DATE RECEIVED	INDEX
16-02-72	Application for a Drilling Authority.
	Well Completion Data.
07-09-72	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
13-04-72	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.
	Well Inspection Report.
9-03-72	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.....



File No.
Drilling Authority No. 579

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 Atkinson Helmet et al Island R. I-63
Location: Unit I Section 63 Grid 60-40-120-45
Latitude 60°32'41" N Longitude 120°56'20" W
From Established Reference Marker
Universal Well Location Reference Lat. 60.54473 N. Long. 120.93889 W.
Permit No. Lease No. 330-68
Amoco - Union
(Permittee, Licensee, Lessee)

Date of commencement of proposed program Feb. 21, 1972

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at
Gas at
Water at 6055'
Total Depth 6300' Date of last operations March 21, 1972
Present condition of well

Dry and Abandoned.

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 10 3/4"	40.5	21 jts.	658'	600 sxs. + 2%	
2.				Cacl.	
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug		Geological Formation	Number of Sacks of Cement	Remarks
No.	Position			
1	5980-6160	Elk Point	120	Felt at 5953'
2	5425-5625	Slave Point	130	Felt at 5420'
3	615-715		90	Felt at 597'
4	Surface		5	Welded on plate and erected well marker.

The following logs have been run DIL, Form. Dens. SWNP, BHCS
Other operations proposed

Operations to be carried out by Regent Drilling Contractor Licence No. 983
Address 12912 - 125 Ave. Edmonton Address
Responsible Agent in field A. J. Patterson
Dated at Calgary this 6 Day of April 19 72
Signed by [Signature] Company Atkinson Petroleum Ltd.
Title P. Eng. Operator's Exploratory Licence No. 1951

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

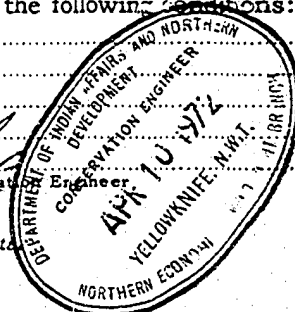
(For OIL AND MINERAL DIVISION use only)

APPROVAL

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

Dated April 13, 19 72

Forms to be submitted in triplicate to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta





Drilling Authority No. 579
Project No.
File No.

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. ATKINSON HELMET ET AL ISLAND R I-63
Location: Unit I Section 63 Grid 60-40-120-45
Latitude 60°32'41" N Longitude 120°56'20"W.
Unique Well Identifier 300I636040120450
Universal Well Location Reference Lat. 60.54473°N Long. 120.93889°W
Elevation: Ground 1741' K.B. 1753' feet above sea-level.
Well is expected to produce from Slave Point formation at a depth of about 5245' feet. Expected total final depth 6500
Area assigned to well Wildcat
(for Oil Conservation Engineer's use only)

Permit No. N/A Lease No. 330-68 Acreage 14,166
Permittee, licensee, or lessee Amoco - Union
Exploratory Licence No. 1431 1429
Surface owned by Crown or 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	Secks of Cement
1. 10 3/4"	40.5	J55	new	650	500
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment.
Slave Point Gas
Presquille gas
Hydrill Doube Gas BOP's
Well will be drilled with Rotary Rig No. 3 by Regent Drilling Company
(Drilling Contractor or company)

Responsible agent of applicant:— Contractor's Business Licence No. 983
At well Bland M. Woofter At registered office Bland M. Woofter
Address 540 - 5th Ave. S.W. Address 540 - 5th Ave. S.W. Calgary
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary this 11 day of February 19 72
Signed by Bland M. Woofter Company Atkinson Petroleum Ltd.
Title Chief Engineer Operator's Licence No. 1951

(For Oil and Mineral Division use only)

APPROVED

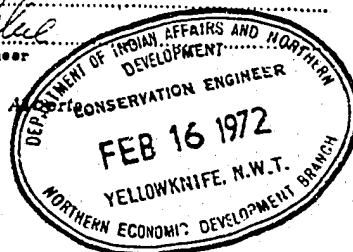
This application has been examined and approved subject to the following conditions:—
Please see attached sheet for conditions.

Dated February 16 1972

Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta

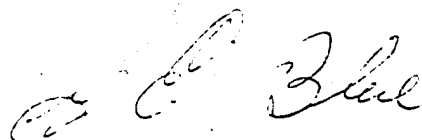
LAND 52-90-1 (3-69)



045

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 579
FOR Atkinson Helmet et al Island R I-63

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. 579

WELL BULLETIN - - CANADA LANDS

OIL AND MINERAL DIVISION

DATE: Feb. 16, 1972

Date Drilling Authority Issued: February 16, 1972.

~~Permit No.~~ Lease No. 330-68

Company: Atkinson Petroleums Ltd.

Well Name: Atkinson Helmet et al Island R I-63

Location: Lat. 60°32'41" N Long. 120°56'20" W

Co-ordinates: Unit: I Section: 63 Grid: 60-40-120-45

Universal Well Location Reference: Lat. 60.54473° N
Long. 120. 93889° W

Unique Well Identifier: 300I636040120450

Field: Wildcat

Ground Elevation: 1741'

Projected Depth: 6500'

Contractor: Regent Drilling Company

Rig No. 3

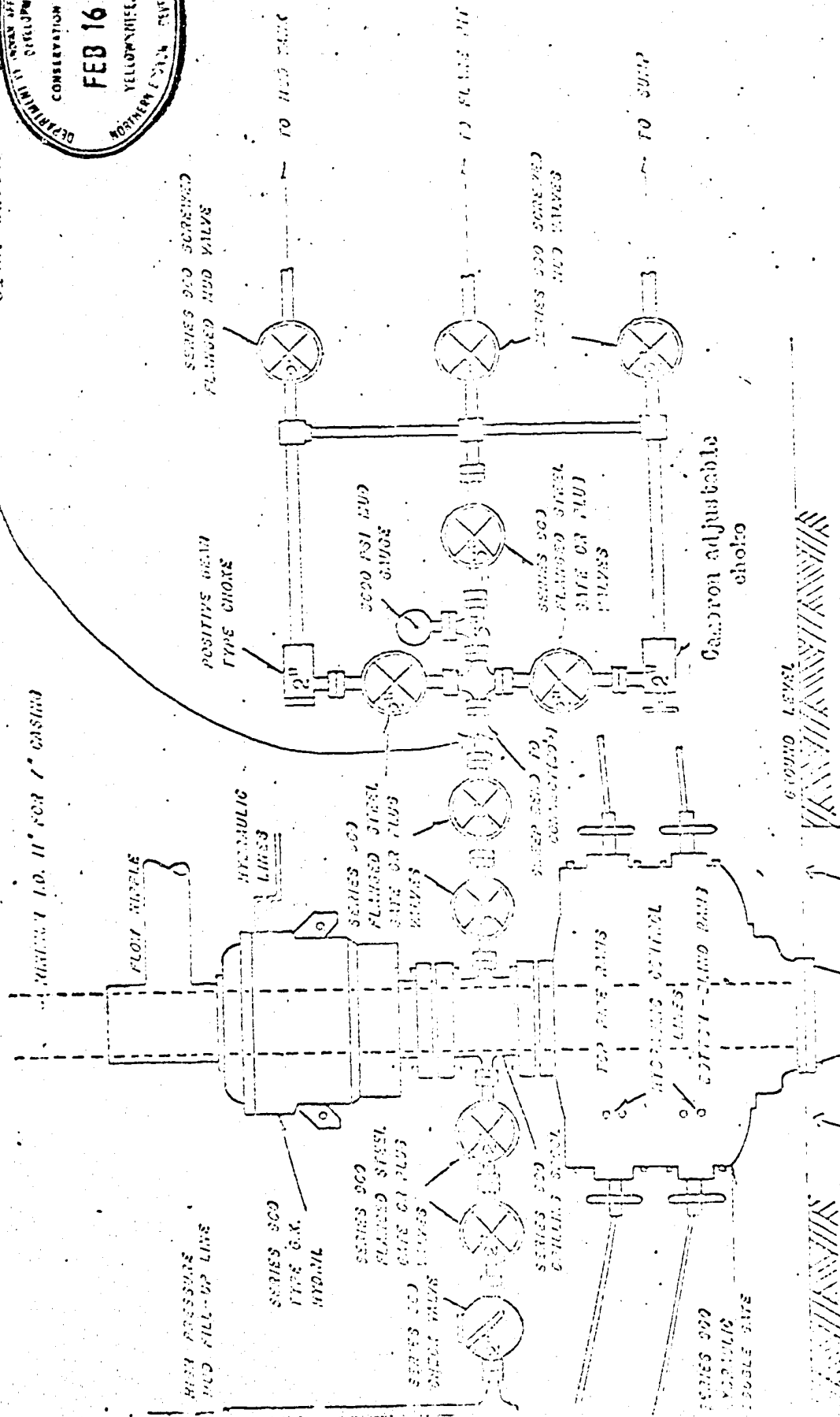
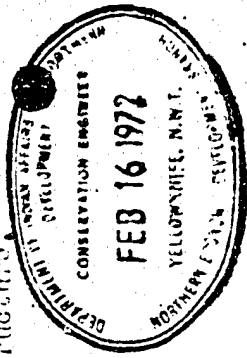
MAIL TO:

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



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

Note . Extension as required to clear substructure.



ALL EQUIPMENT SUBJECTS HERE TO BE
RETURNED BY THE OWNER UNLESS
OTHER SPECIFIC INSTRUCTIONS HAVE
BEEN GIVEN.

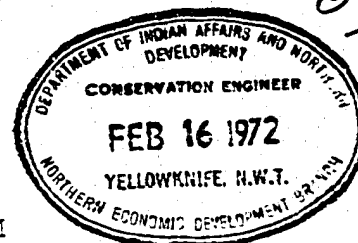
NOTE - ALL FINDINGS REPORT STATED
OF CRACKS AND BATH TUBS FOR
THE SEPARATE AND FINDINGS.

REGENT BUILDING LIMITED
1202 - 125th Avenue
Edmonton, Alberta

CO-ORDINATED BY SCOTLAND POLICE
(GLEN) CLASHLY BOTTLEHEAD
22-10-1978 10:00 AM 10:00 AM

045

ATKINSON PETROLEUMS LTD.
DRILLING AND COMPLETION PROGRAM



Well: Atkinson et al Island River I-63

Location: 60 32'42" N. 119 56' 20" W. Seismic Line 671 Sh. Pt.545

K.B.

Grd. Elevation: 1741'

GEOLOGICAL MARKERS

	<u>Estimated Subsea</u>	<u>Depth</u>
Kotocho	-141	1882
Jean Marie	-1734	2475
Slave Point	-3504 to -3384	5245 to 5125
PreCambrian	-4500	6241
T.D.	-4550	6291

SAMPLES:

Number of Bags: 1

Distribution: Oil Conservation Engineer 112 - 11th Avenue S. E.

Number of Cuts: _____

Distribution: Atkinson Petroleum Ltd.

DRILLING AND CASING PROGRAM:

Surface Hole: Drill 15" hole to approximately 650' making sure a good casing seat is established below the Glacial drift. Set 10 3/4" casing.

Below Surface Casing:

Drill 8 3/4" hole to the Slave Point. If porosity is



encountered in the Slave Point and no loss of mud is experienced, the porosity will be tested to determine whether 7" casing should be set at this point. If returns are lost in the Jean Marie, casing may be set prior to drilling into the Slave Point.

Special care and attention is required when drilling into the Slave Point because of loss of circulation and blow out hazards. Constant checking of mud pit level is a requirement. BOP equipment must be maintained in first class operating condition at all times - special closing drills will be carried out by the contractor to assure proper crew performance in case of an emergency.

If 7" casing is necessary at the Slave Point, the logging program detailed in Run #1 below will be carried out before setting casing.

Below 7" Casing:

Drill with 6½" bits as required for the program detailed below.

CORING PROGRAM:

A core will be taken if porosity is encountered and hole conditions warrant.

LOGGING PROGRAM:

	<u>Type</u>	<u>Interval</u>	<u>Scale</u>
Run #1	Gamma Ray-Sonic Induction Log	Surface Casing- Slave Point	2"
Run #2	Density	Slave Point-T.D.	2" & 5"
	Gamma Ray Sonic Induction Log		
	* Sidewall Neutron	Slave Point-T.D.	5"

Note:

Run #2 would be in 6½" hole below 7" casing. If 7" casing is not run then all logging will be conducted after reaching total depth.

* Optional depending upon type of Slave Point pay.

Drilling and Completion Program Cont'd

- 3 -

MUD PROGRAM: A detailed mud program will be supplied later. This program will be thoroughly reviewed by the contractor and the mud company to be certain all are in agreement with the various recommendations. General procedures will be as follows:

Surface: Drill conventionally, raise viscosity with addition of lime or caustic soda as required to clean hole. Surface hole will be drilled to a good casing seat below glacial drift.

Surface casing shoe to Fort Simpson: Drill with water. Control weight and solids by diluting for maximum penetration.

Mud properties at Slave Point Depth:

It is essential that careful control of mud properties be maintained when drilling into the Slave Point, also a cut out bit should be used. The mud weight should be approximately 9.2 lbs./gal. viscosity 40-70 range.

GEOLOGICAL: Determination of Slave Point Casing Point

As indicated, a most crucial aspect from both a safety and cost stand point is to establish whether the Slave Point is porous and contains gas. A string of 7" casing may be run as a protective measure depending upon data obtained and evaluations made at Slave Point depth. If the Slave Point is encountered high, the drilling should proceed slowly with samples being circulated frequently. Also drilling time must be kept under constant surveillance so that at the indication of a drilling break and the presence of porosity a decision can be reached with regard to testing or other evaluation procedures. The objective is to assure that the formation is porous and contains commercial gas before installing a string of casing.

REPORTS AND MISCELLANEOUS

The Drilling Contractor will be furnished instructions of APL's report requirements. Morning reports are to be transmitted through the contractor's office to APL's Calgary office. A geologist will be at the wellsite prior to reaching Slave Point depth.

Drilling and Completion Program Cont'd

- 4 -

CONTRACTOR: Regent Drilling Limited Rig #3

SERVICES:

Cementing	- Halliburton
Logging	- Schlumberger
Testing	- Johnston
Mud	- Northern Mud Specialists

BMW/cm

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE		WELL NAME		DATE		REPORT NO.												
MANUFACTURER	TYPE	STROKE LENGTH																			
NO. 1			LAST CASING SIZE		LAST CASING SET AT		RIG NO.		LOCATION LSD. SEC. TWP. RGE.												
NO. 2																					
EACH EMPLOYEE MUST SIGN THIS BOOK			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	REMARKS	TIME	
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS																					
DRILLER	Mitch Bagchuk	10	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION	
DERRICK	D. McKenzie	10		STANDS		FT.															
FLOOR	N. Shewchuk	10		SINGLES		FT.															
FLOOR	G. SAGE	10		D.C.'S		FT.															
FLOOR	R. Simpson	10		SUB		FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN				SUB		FT.	WEIGHT														
MECHANIC				BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
INJURIES						FT.	PUMP PRESSURE														
				KELLY IN		FT.	R.P.M. PUMP NO. 1														
						FT.	R.P.M. PUMP NO. 2														
				TOTAL		FT.	PUMP NO. 1 LINER SIZE					PUMP NO. 2 LINER SIZE									
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	REMARKS	TIME	
DRILLER	E. HANNEM	11	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION	
DERRICK	W. LEE	11		STANDS		FT.															
FLOOR	R. BABALA	11		SINGLES		FT.															
FLOOR	D. BABALA	11		D.C.'S		FT.															
FLOOR	E. BLAIR	11		SUB		FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN	B. ACKERMAN	11		SUB		FT.	WEIGHT														
MECHANIC				BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
INJURIES						FT.	PUMP PRESSURE														
				KELLY IN		FT.	R.P.M. PUMP NO. 1														
						FT.	R.P.M. PUMP NO. 2														
				TOTAL		FT.	PUMP NO. 1 LINER SIZE					PUMP NO. 2 LINER SIZE									
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	REMARKS	TIME	
DRILLER			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION	
DERRICK	H. LEWIS	11		STANDS		FT.															
FLOOR	H. DAVIES	10		SINGLES		FT.															
FLOOR	B. ACKERMAN	11		D.C.'S		FT.															
FLOOR				SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN				SUB		FT.	WEIGHT														
MECHANIC				BIT OR C.B.		FT.	VISCOSITY					ADDITIVES									
INJURIES						FT.	PUMP PRESSURE														
				KELLY IN		FT.	R.P.M. PUMP NO. 1														
						FT.	R.P.M. PUMP NO. 2														
				TOTAL		FT.	PUMP NO. 1 LINER SIZE					PUMP NO. 2 LINER SIZE									
DRILL PIPE SIZE	4 1/2	TYPE	X H	TOTAL NO. OF JOINTS	261	DATE LAST SONO SCOPED	Jan 16	FOOTAGE DRILLED SINCE LAST SONO SCOPED	6541	TOTAL FOOTAGE DRILLED		LAST CALIPER DATE		RESULTS		CODE LETTER OF STRING		TOOLPUSHER			
S.O.P.'S TESTED		ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.		APPROVED BY											

PUMPS

DATE March 21/72 REPORT NO. 32

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC

REMARKS	TIME		
	START	STOP	INT VAL
WOC lay down D pipe	12 ⁰⁰		
and drill collars		1 ³⁰	1 ^{1/2}
Riser in tag plug # 3	1 ³⁰	2 ⁰⁰	1 ^{1/2}
Pull out and lay down	2 ⁰⁰	3 ⁰⁰	1
Tear out BOPs	3 ⁰⁰	8 ⁰⁰	5
Nel			
BW 7			

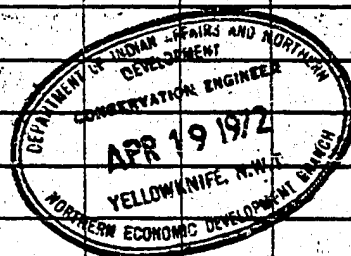
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REMARKS		TIME	DATE
TEAR OUT RIG		1200	1200-12
N.C. 8			

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 19 1972
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

T		CODE LETTER OF STRING
D		

TOOLPUSHER S. Marshall
P. 11 17 44



REGENT DRILLING LIMITE

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emrod</i>	<i>D-500</i>	<i>16"</i>
NO. 2 <i>Oilwell</i>	<i>214-P</i>	<i>14"</i>

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>Jim Habakisky</i>	<i>8</i>
DERRICK <i>H. Lewis</i>	<i>8</i>
FLOOR <i>H. Doreen</i>	<i>8</i>
FLOOR <i>P. Lewis</i>	<i>8</i>
FLOOR <i>M. Wilburn</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S		D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES
		6300		T.D.														
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS		FT.															
	SINGLES		FT.															
	D.C.'S		FT.															
	SUB		FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB		FT.	WEIGHT								Plug #1 6160 to 5980						
	BIT OR C.B.		FT.	VISCOSITY	95				ADDITIVES			wt/ 120SKs cement						
			FT.	PUMP PRESSURE								Displaced wt/ 84BBLs mud.						
	KELLY IN		FT.	R.P.M. PUMP NO.1								Plug in place @ 145 AM						
			FT.	R.P.M. PUMP NO.2								Shurr wt/ 148 to 15.4						
TOTAL			FT.	PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE		5 1/2"										

DATE *March 20/72* REPORT NO. *31*
PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS	START	STOP	INT VAL
<i>Circulate & wait on truck @ cement. and unload.</i>	<i>12:00</i>	<i>1:00</i>	<i>1</i>
<i>Rig up and run plug #1</i>	<i>1:00</i>	<i>1:45</i>	<i>3/4</i>
<i>Pull out of plug</i>	<i>1:45</i>	<i>2:00</i>	<i>1/4</i>
<i>Circ wait on cement</i>	<i>2:00</i>	<i>8:00</i>	<i>6</i>

DRILLER <i>Mitch Bagchek</i>	<i>8</i>
DERRICK <i>D McKENZIE</i>	<i>8</i>
FLOOR <i>R Girard</i>	<i>12</i>
FLOOR <i>N Murza</i>	<i>8</i>
FLOOR <i>P Simpson</i>	<i>12</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
	STANDS	FT.															
	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT								Plug #2 5625-5425 wt/ 130 SKs cement Displace with 77 BBLs mud Plug in place 930 AM. Sherry wt/ 15.2 15.4						
	BIT OR C.B.	FT.	VISCOSITY														
		FT.	PUMP PRESSURE														
	KELLY IN	FT.	R.P.M. PUMP NO.1														
			R.P.M. PUMP NO.2														
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE											

REMARKS	START	STOP	INT VAL
<i>Run in tag plug @ 5953 high 27'</i>	<i>8:00</i>	<i>8:30</i>	<i>1/2</i>
<i>Pull 3 stds + 2 singles to 5425</i>	<i>8:30</i>	<i>9:00</i>	<i>1/2</i>
<i>Rig and run plug #2</i>	<i>9:00</i>	<i>9:30</i>	<i>1/2</i>
<i>Pull out of plug</i>	<i>9:30</i>	<i>9:45</i>	<i>1/4</i>
<i>Circ WOC plug #2.</i>	<i>9:45</i>	<i>3:00</i>	<i>5 1/4</i>
<i>Run in tag plug #2 @ 5385</i>	<i>3:00</i>	<i>3:30</i>	<i>1/2</i>
<i>Pull out to 715</i>	<i>3:30</i>	<i>4:00</i>	<i>1/2</i>

DRILLER <i>A. ELL</i>	<i>8</i>
DERRICK <i>M. DEHES</i>	<i>8</i>
FLOOR <i>H. DAVIES</i>	<i>4</i>
FLOOR <i>S. McWELLY</i>	<i>8</i>
FLOOR <i>P. LEWIS</i>	<i>4</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT		SURVEYS		DEGREES	
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION		
	STANDS		FT.																	
	SINGLES		FT.																	
	D.C.'S		FT.																	
	SUB		FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS								
	SUB		FT.	WEIGHT								Plug # 3 715-615 w/ 90 SKs cement + 3 1/2 cu Displace w/ 8 BBLs mud Plug in place 6pm. Shurr w/ 15.2 *PE								
	BIT OR C.B.		FT.	VISCOSITY						ADDITIVES										
			FT.	PUMP PRESSURE																
	KELLY IN		FT.	R.P.M. PUMP NO. 1																
TOTAL			FT.	R.P.M. PUMP NO. 2																
			FT.	PUMP NO. 1	PUMP NO. 2															

REMARKS	START	STOP	INT VAL
<i>Finish trip out</i>	<i>4:00</i>	<i>5:30</i>	<i>1 1/2</i>
<i>Rig and run plug #3</i>	<i>5:30</i>	<i>6:00</i>	<i>1/2</i>
<i>Pull out and lay down drill pipe & WOC.</i>	<i>6:00</i>	<i>12:00</i>	<i>6</i>

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.		

TOOLPUSHER *A. H. Hare*
APPROVED BY *Island Fish*

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 19 1972 REPORT NO. 30

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <u>Emco</u>	<u>D510</u>	<u>16"</u>
NO. 2 <u>Oilwell</u>	<u>24P</u>	<u>14"</u>

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <u>Jim Halabisky</u>	8
DERRICK <u>H. Lewis</u>	8
FLOOR <u>H. Davies</u>	9
FLOOR <u>P. Lewis</u>	8
FLOOR <u>M. Wilburn</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
		6300	ID														
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
	STANDS	FT.															
	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT	9				6.7	7/32	10.5	Pre Flow = 5 min						
	BIT OR C.B.	FT.	VISCOSITY	135				ADDITIVES	280 = 30 min.								
		FT.	PUMP PRESSURE					Vapour = 30 min.									
	KELLY IN	FT.	R.P.M. PUMP NO. 1					280 = 60 min.									
			R.P.M. PUMP NO. 2					Pre 70 ft heavy drilling mud. The air blow.									
TOTAL		FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE											

REMARKS	START	STOP	INT VAL
Run in 227#3	12 ⁰⁰	2 ²	2
Rig up head and test	2 ⁰⁰	4 ¹⁵	2 1/4
Break down chisels and head & pull out of hole	4 ¹⁵	8 ⁰⁰	3 3/4
Pre Flow = 20 Temp 199°			
DHP = 2700 (1400 PPM salt)			
FHP = 2680			
DSP = 2410			
FSP = 2250			
DLP = 30			
FHP = 110			

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER <u>Rich Baychuk</u>	8
DERRICK <u>D McKenzie</u>	8
FLOOR <u>R Girard</u>	12
FLOOR <u>N Murza</u>	8
FLOOR <u>R Simpson</u>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT		SURVEYS		DEGREES	
																		9349		92		8513		2903		12		1720					
NO.	DRILLING STRING			BITS RUN NO.		SIZE	NOZZLE SIZE		SERIAL NO.		TYPE	WEIGHT	RPM	FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS	CORED FROM		CORED TO		REAMED FROM		REAM-ED TO		CONDIT-ION				
61	STANDS			FT.																													
	SINGLES			FT.		628609																											
	D.C.'S			FT.																													
	SUB			FT.		MUD		8 A.M.		10 A.M.		12 NOON		2 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS											
	SUB			FT.		WEIGHT																											
	BIT OR C.B.			FT.		VISCOSITY										ADDITIVES																	
				FT.		PUMP PRESSURE																											
	KELLY-IN			FT.		R.P.M. PUMP NO.1																											
				FT.		R.P.M. PUMP NO.2																											
TOTAL				FT.		PUMP NO. 1 LINER SIZE				PUMP NO. 2 LINER SIZE																							

REMARKS	START	STOP	INT VAL
Finish Pull out of hole	8 ⁰⁰	9 ⁰⁰	1
SEO TEST Tool & Lay down	9 ⁰⁰	10 ³⁰	1 1/2
Run in Collars	10 ³⁰		
Lay down 12 collars		12 ³⁰	2
Run in hole open end	12 ³⁰	2 ³⁰	2
Pick up P.P.I.	2 ³⁰	4 ⁰⁰	1 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER <u>H. Ell</u>	8
DERRICK <u>M. Del Hes</u>	8
FLOOR <u>H. Davies</u>	4
FLOOR <u>S. McNelly</u>	8
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE		
				120m	12	120		8	9349	92	8513	2903	12/MARCH				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
64	STANDS	FT.															
1	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT														
	BIT OR C.B.	FT.	VISCOSITY		155	140	130	ADDITIVES	WATER								
		FT.	PUMP PRESSURE		400	400	400										
	KELLY IN	FT.	R.P.M. PUMP NO. 1														
			R.P.M. PUMP NO. 2														
TOTAL		FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2											

REMARKS	START	STOP	INT VAL
RIG SERV	4 ⁰⁰	4 ¹⁵	1/4
W.O. CEMENT	4 ¹⁵	8 ¹⁵	4
LAY DOWN 8 SINGLES	8 ¹⁵	8 ⁴⁵	1/2
W.O. CEMENT RIG TO	8 ⁴⁵		
Run PLOGS		12 ⁰⁰	3 1/4

DRILL PIPE SIZE <u>4 1/2</u>	TYPE <u>XO</u>	TOTAL NO. OF JOINTS <u>261</u>	DATE LAST SONOGRAPHED	RESULTS	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER [Signature]
APPROVED BY [Signature]

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emaco</i>	<i>D-500</i>	<i>16"</i>
NO. 2 <i>Emaco</i>	<i>214-P</i>	<i>14"</i>

LAST CASING SIZE	LAST CASING SET AT
<i>10 3/4"</i>	<i>666'</i>

DATE *March 18/72*

WELL NAME *Atkinson et al Island River*

DATE *March 18/72*

REPORT NO. *22*

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>Jim Halabisky</i>	<i>8</i>
DERRICK <i>H. Lewis</i>	<i>8</i>
FLOOR <i>H. Davies</i>	<i>8</i>
FLOOR <i>P. Lewis</i>	<i>8</i>
FLOOR <i>M. Williams</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	
6300											8	9199							
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.		TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS		FT.																
	SINGLES		FT.																
	D.C.'S		FT.																
	SUB		FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
	SUB		FT.	WEIGHT									Fuel in top tanks - 6'						
	BIT OR C.B.		FT.	VISCOSITY					ADDITIVES										
			FT.	PUMP PRESSURE															
	KELLY IN		FT.	R.P.M. PUMP NO. 1															
				R.P.M. PUMP NO. 2															
TOTAL			FT.	PUMP NO. 1 LINER SIZE 5 1/2"	PUMP NO. 2 LINER SIZE 5 1/2"														

REMARKS	START	STOP	INT VAL
<i>Finish pulling out of hole</i>	<i>12:00</i>	<i>12:30</i>	<i>1/2</i>
<i>Rig up Schlumberger to log</i>	<i>12:30</i>	<i>1:15</i>	<i>3/4</i>
<i>Logging @ Schlumberger</i>	<i>1:15</i>	<i>8:00</i>	<i>6 3/4</i>

DRILLER <i>Mitch Bechuk</i>	<i>8</i>
DERRICK <i>D. MCKENZIE</i>	<i>8</i>
FLOOR <i>R. GIBBARD</i>	<i>12</i>
FLOOR <i>A. MURZA</i>	<i>8</i>
FLOOR <i>R. Simpson</i>	<i>12</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS		DEGREES					
				6300				160m		70m				1/2		8		9199		92		8513		2903		12/3/72									
NO.		DRILLING STRING		BITS RUN NO.		SIZE		NOZZLE SIZE		SERIAL NO.		TYPE		WEIGHT		RPM		FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS		CORED FROM		CORED TO		REAMED FROM		REAM-ED TO		CONDIT ION	
		STANDS		FT.																															
		SINGLES		FT.																															
		D.C.'S		FT.																															
		SUB		FT.		MUD		8 A.M.		10 A.M.		12 NOON		2 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS													
		SUB		FT.		WEIGHT																HELD LECTURE & DEMO													
		BIT OR C.B.		FT.		VISCOSITY										ADDITIVES						ON USE OF GAS MASK													
				FT.		PUMP PRESSURE																													
		KELLY IN		FT.		R.P.M. PUMP NO.1																													
				FT.		R.P.M. PUMP NO.2																													
TOTAL				FT.		PUMP NO. 1 LINER SIZE				PUMP NO. 2 LINER SIZE																									

REMARKS	START	STOP	INT VAL
<i>Logging</i>	<i>8:00</i>	<i>2:45</i>	<i>6 3/4</i>
<i>Load out Logging unit</i>	<i>2:45</i>	<i>3:15</i>	<i>1/2</i>
<i>W.O.O.</i>	<i>3:15</i>	<i>4:00</i>	<i>3/4</i>

DRILLER <i>A. ELL</i>	<i>8</i>
DERRICK <i>M. DELHES</i>	<i>8</i>
FLOOR <i>H. DAVIES</i>	<i>4</i>
FLOOR <i>S. McNelly</i>	<i>8</i>
FLOOR <i>P. Lewis</i>	<i>4</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL D/PTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
		6300		170m	56 3/4	70m		8	9199	92	8513	8513	12/3/72				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
59	STANDS	8545.26	FT.														
	SINGLES		FT.														
24	D.C.'S	708.51	FT.														
2	SUB X0	5.51	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB Bot		FT.	WEIGHT													
	BIT OR C.B.		FT.	VISCOEY					ADDITIVES								
	TEST-TOOL	46.00	FT.	PUMP PRESSURE													
	KELLY IN		FT.	R.P.M. PUMP NO.1													
			FT.	R.P.M. PUMP NO.2													
TOTAL	6300		FT.	PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE											

REMARKS	START	STOP	INT VAL
<i>W.O.O.</i>	<i>4:00</i>	<i>6:45</i>	<i>2 3/4</i>
<i>MAKE UP TEST TOOL +</i>	<i>6:45</i>	<i>8:00</i>	<i>1 1/4</i>
<i>RUN IN w/ SAME</i>	<i>8:00</i>	<i>12:00</i>	<i>5 1/4</i>
<i>DST #3 6238-6300 = 62 FT ID</i>			
<i>w/ Johnson DUAL 734 "rubbers</i>			
<i>3ARS safety LT + Pumpout</i>			
<i>3UB, 2- AKT Recorders +</i>			
<i>in FE, chamber</i>			

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.		

TOOLPUSHER *A. Marshall*
APPROVED BY *Richard J. Hall*

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emaco</i>	<i>D-500</i>	<i>16"</i>
NO. 2 <i>DeWitt</i>	<i>214-P</i>	<i>14"</i>

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>Jim Halabisky</i>	8
DERRICK <i>H. Lewis</i>	8
FLOOR <i>H. Davies</i>	8
FLOOR <i>P. Lewis</i>	8
FLOOR <i>M. Wilburn</i>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE	
6300				160,000	5-6 3/4"	70,000		8	9049	92	8593	2903	12/3/72				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.															
	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT	9.0	8.9	8.9	9.0				Fuel in top tank. 3'						
	BIT OR C.B.	FT.	VISCOSITY	115	110	110	112	ADDITIVES									
		FT.	PUMP PRESSURE														
	KELLY IN	FT.	R.P.M. PUMP NO.1	Circulating													
			R.P.M. PUMP NO.2														
		FT.	PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE	5 1/2"											
TOTAL																	

REMARKS	START	STOP	INT VAL
<i>Circulate & wait on loggers</i>	<i>12:00</i>	<i>8:00</i>	<i>8</i>

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER <i>Mitch Boychuk</i>	8
DERRICK <i>D. McKenzie</i>	8
FLOOR <i>R. Girard</i>	12
FLOOR <i>N. Murza</i>	8
FLOOR <i>R. Simpson</i>	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
		6300		160M	5-6 3/4	70.M.			9049	92	8593	2903	12/3/72				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
39	STANDS	5545.26															
	SINGLES		FT.														
24	D.C.'S	708.57	FT.														
2	SUB	551	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 F.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	260	FT.	WEIGHT	8.9	9.0	8.9	9.0	6.4	3/32	10.5	HELD Blow out DRILL					
1	BIT OR C.B.	1.00	FT.	VISCOSITY	111	123	135	146	ADDITIVES Water								
1		909	FT.	PUMP PRESSURE	Circ.	700	700	Hel - 2800#									
	KELLY IN	2797	FT.	R.P.M. PUMP NO.1				C.M.C 50#									
				R.P.M. PUMP NO.2													
				PUMP NO. 1	5 1/2	PUMP NO. 2		5 1/2									
TOTAL /			FT.														

REMARKS	START	STOP	INT VAL
<i>Circ & wait on logger</i>	<i>8:00</i>	<i>1:00</i>	<i>5</i>
<i>Dummy Trip 10 STD</i>	<i>1:00</i>	<i>2:00</i>	<i>1</i>
<i>Circ & wait on log unit</i>	<i>2:00</i>	<i>4:00</i>	<i>2</i>

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER <i>A. ELL</i>	8
DERRICK <i>M. Delhez</i>	8
FLOOR <i>H. Davies</i>	4
FLOOR <i>R. Girard</i>	
FLOOR <i>S. McNelly</i>	8
FLOOR <i>P. Lewis</i>	4
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
			6300		160m	2-6 3/4 19-6 1/4	70m		8		92	8593	2903	12/3/72				
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
59	STANDS		5545.26 FT.															
	SINGLES		FT.															
24	D.C.'S		708.57 FT.															
2	SUB X0		551 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB		FT.	WEIGHT	8.9	8.9	9.0		6.7	2/32	10.5							
1	BIT OR C.B. SUB		1.00 FT.	VISCOSITY	143	138	145		ADDITIVES									
			FT.	PUMP PRESSURE														
	KELLY IN		FT.	R.P.M. PUMP NO. 1														
				R.P.M. PUMP NO. 2														
TOTAL			FT.	PUMP NO. 1	5 1/2	PUMP NO. 2		5 1/2										

REMARKS	START	STOP	INT VAL
<i>Circ - wait on loggers</i>	<i>4:00</i>	<i>8:45</i>	<i>43 1/4</i>
<i>Hoist to LOG</i>	<i>8:45</i>	<i>12:00</i>	<i>3 1/4</i>

DRILL PIPE SIZE <i>4 1/2"</i>	TYPE <i>X.H.</i>	TOTAL NO. OF JOINTS <i>261</i>	DATE LAST SONOSCOPIED <i>16/1/72</i>	FOOTAGE DRILLED SINCE LAST SONOSCOPIED <i>12,841</i>	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER *A. Marshall*
 APPROVED BY *Robert J. Stable*

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emaco</i>	D-500	16"
NO. 2 <i>Oilwell</i>	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
10 3/4"	666'

DATE *March 16/72*

WELL NAME *Bikimeni et al Island River*

DATE *March 16/72*

REPORT NO. *27*

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
6293								8	8915	92	8593	7903	Mar 12/72	6270'	1°		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
	STANDS	FT.	#														
	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT	8.9							DESILTER shut down						
	BIT OR C.B.	FT.	VISCOSITY	107				ADDITIVES			MARCH 15/72 @ 12 PM						
		FT.	PUMP PRESSURE								By Rf. Table.						
	KELLY IN	FT.	R.P.M. PUMP NO. 1	215													
		FT.	R.P.M. PUMP NO. 2														
TOTAL		FT.	PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE	5 1/2"											

REMARKS	START	STOP	INT VAL
<i>Circulate sample</i>	1200	1232	1/2
<i>Drop survey; Services Reg.</i>	1230		
<i>check B.C.P. & Blow Kelly.</i>		115	3/4
<i>Measure out of hole</i>	115	230	1/4
<i>Replace Row Chain in Drums.</i>	230	730	5
<i>Pull out of hole (measure)</i>	730	800	1/2

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES		
6293	4	6297	2 ³ / ₄	160.0M	5-6 ³ / ₄	70.0M	8		9049	92	8593	2903						
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
59	STANDS	5545.26 FT.	10	8 ³ / ₄	OUT	34777	XDV											
	SINGLES																	
24	D.C.'S	708.57 FT.																
2	SUB	5.51 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.60 FT.	WEIGHT			3.30 PM	8.9	8.9				Board Tally 5545.26						
1	BIT OR C.B.	1.00 FT.	VISCOSITY			115	120	ADDITIVES				MEASURED TALLY 5543.85						
1		9.09 FT.	PUMP PRESSURE			650	650					DIFF 1.41						
1	KELLY IN	2597 FT.	R.P.M. PUMP NO.1			59	59					No correction						
			R.P.M. PUMP NO.2															
TOTAL 6297.00 FT.			PUMP NO. 1 LINER SIZE 5 ¹ / ₂	PUMP NO. 2 LINER SIZE 5 ¹ / ₂														

REMARKS	START	STOP	INT VAL
<i>Pull out of hole</i>	500		
<i>Measure out</i>		1030	2 1/2
<i>Run SER</i>	1030	1045	1/4
<i>check B.C.P.</i>	1045	1100	1/4
<i>Run in hole w/ BIT</i>	1100	1115	2 1/4
<i>Drill</i>	1115	400	2 3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE		
6297	3	6300	1	160,000	5-6 3/4 19-6 1/4	70,000		8	9049	92	8593	2903	12/3/72					
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
59	STANDS	5546.26 FT.	10	8 3/4	OUT	34770	XDV	50	40	6293	6300	7	3 3/4					
	SINGLES	- FT.																
24	D.C.'S	708.57 FT.																
2	SUB	20. 5.51 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	Bit 2.60 FT.	WEIGHT	9.0	8.9	8.9	8.9	6.3		10.5	TD @ 6300 March 16/72							
	BIT OR C.B.	1.00 FT.	VISCOSITY	108	113	109	123	ADDITIVES		@ 5 P.M.								
1	SHOCK SUB	9.09 FT.	PUMP PRESSURE	650														
	KELLY IN	28.97 FT.	R.P.M. PUMP NO. 1	59														
			R.P.M. PUMP NO. 2															
TOTAL 6300			FT.	PUMP NO. 1 LINER SIZE 5 1/2"	PUMP NO. 2 LINER SIZE 5 1/2"													

REMARKS	START	STOP	INT VAL
<i>Drill</i>	400	500	1
<i>Circ WAIT on Logging truck</i>	500	1200	7

TOUR NO. 4 12 A.M. TO 8 A.M. HOURS

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONO SCOPED	FOOTAGE DRILLED SINCE LAST SONO SCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2"	X.H.	261	16/1/72	12,841				

B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER *L. W. MacArthur*
 APPROVED BY *Roland J. Table*

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emoro</i>	D-500	16"
NO. 2 <i>Oilwell</i>	24-P	14"

LAST CASING SIZE LAST CASING SET AT

DATE *March 15/72*

WELL NAME *Atkinson et al Island River*

DATE *March 15/72* REPORT NO. *26*

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

RIG NO. *3* LOCATION LSD. *1* SEC. *63* TWP. *1* RGE. *1*

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK		FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES		
TOUR NO.1 MIDNIGHT TO 8 A.M.		HOURS	6190'	45'	6235'	7 3/4	160.00	5-6 3/4 19-6 3/4		8	8915	92	8593	2903	12/3/72					
DRILLER	J. Halabisky	8	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
DERRICK	H. Lewis	8	58	STANDS	FT. # 9	8 3/4"	3-20	PA539	X55R	40	55	592.0	6235	315'	44 1/2					
FLOOR	H. Davies	8	1	SINGLES	5483.71 FT.															
FLOOR	P. Lewis	8	24	D.C.'S	708.57 FT.															
FLOOR	Mr. Wilburn	8	2	SUBS	C.O. 5.51 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			1	SUB	Bit 2.60 FT.	WEIGHT	8.9	9.0	8.9	8.9	7.9	3 3/8	10 °	Fuel in top tank @ 7:02 a.m. 4.6'						
MECHANIC				BIT OR C.B.	1.00 FT.	VISCOSITY	83	85	45	90	ADDITIVES									
INJURIES			1	SHOCK	9.09 FT.	PUMP PRESSURE	850	850	850	850	Opel - 4400 *									
				KELLY IN	24.42 FT.	R.P.M. PUMP NO. 1	60	60	60	60	Bemer - 4 *									
						R.P.M. PUMP NO. 2	On guns + mud mixer - 50 *													
						PUMP NO. 1 LINER SIZE	5 1/8"	PUMP NO. 2 LINER SIZE	5 1/8"											
TOTAL			6235	FT.																

REMARKS	START	STOP	INT VAL
<i>Rig service + check B.O.P.s</i>	<i>12:00</i>	<i>12:15</i>	<i>1/4</i>
<i>Drilling 8 3/4" hole</i>	<i>12:15</i>	<i>8:00</i>	<i>7 3/4</i>

TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
DRILLER	Mile Boychuk	12	6235	37	6272	8	160 M	19-6 3/4			8	8915	92	8593	2403	12/3/72				
DERRICK	D Mckenzie	8	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
FLOOR	R Green	12	58	STANDS	5510.14 FT.	9	8 3/4	1-20	PA-539	X55R	40	55	592.0	6272	325					
FLOOR	N Murza	8	2	SINGLES	FT.															
FLOOR			24	D.C.'S	708.5 FT.															
FLOOR	R Simpson	12	2	SUB	551 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			1	SUB	2.60 FT.	WEIGHT	9.0	8.9	8.9	8.9	6.4	3/2	10.5							
MECHANIC			1	BIT OR C.B.	1.00 FT.	VISCOSITY	110	106	115	113	ADDITIVES Water									
INJURIES			1		9.09 FT.	PUMP PRESSURE	850	850	800	800	Caustic - 50#									
			1	KELLY IN	30.09 FT.	R.P.M. PUMP NO.1	59	59	59	59	Cayman - 50#									
						R.P.M. PUMP NO.2					C.M.C. Regular - 50#									
						PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE	5 1/2"											
			TOTAL		6272.00	FT.														

REMARKS	START	STOP	INT VAL
<i>DRILL</i>	<i>7:00</i>	<i>4:00</i>	<i>8</i>

TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE		
DRILLER	<i>Jim Halabisky</i>	<i>4</i>	<i>6272</i>	<i>21'</i>	<i>6293</i>	<i>6 3/4</i>	<i>160,000</i>	<i>5-6 3/4</i> <i>19-6 1/4</i>	<i>-</i>		<i>8</i>	<i>8915</i>	<i>92</i>	<i>8593</i>	<i>2903</i>	<i>12/3/72</i>					
DERRICK	<i>Mr. Delhez</i>	<i>8</i>	NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
FLOOR	<i>H. Davies</i>	<i>24</i>	<i>59</i>	STANDS	<i>5545.26</i> FT.	<i>#9</i>	<i>8 3/4"</i>	<i>1-20</i> <i>1-22</i>	<i>PA539</i>	<i>X55R</i>	<i>30-40</i>	<i>30-55</i>	<i>5920</i>	<i>6293</i>	<i>373.</i>	<i>59 1/4</i>					
FLOOR	<i>D. Babala</i>	<i>8</i>	<i>24</i>	D.C.'S	<i>708.57</i> FT.																
FLOOR	<i>Mr. Wilburn</i>	<i>4</i>	<i>2</i>	SUB C.O.	<i>5.51</i> FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
FIREMAN			<i>1</i>	SUB Bit	<i>2.60</i> FT.	WEIGHT	<i>9.0</i>	<i>9.0</i>	<i>8.9</i>	<i>8.9</i>	<i>7.0</i>	<i>3 1/2</i>	<i>10.5</i>								
MECHANIC				BIT OR C.B.	<i>1.00</i> FT.	VISCOSITY	<i>110</i>	<i>120</i>	<i>120</i>	<i>107</i>	ADDITIVES										
INJURIES			<i>1</i>	SHOCK SUB	<i>9.09</i> FT.	PUMP PRESSURE	<i>850</i>	<i>850</i>	<i>850</i>	<i>850</i>											
				KELLY IN	<i>21.00</i> FT.	R.P.M. PUMP NO. 1	<i>59</i>	<i>59</i>	<i>59</i>	<i>59</i>											
						R.P.M. PUMP NO. 2	<i>On guns</i>														
						PUMP NO. 1 LINER SIZE	<i>5 1/2</i>	PUMP NO. 2 LINER SIZE	<i>5 1/2</i>												
TOTAL			<i>6293.03</i>	FT.																	

REMARKS	START	STOP	INT VAL
<i>DRILL</i>	<i>4:00</i>	<i>10:45</i>	<i>6 3/4</i>
<i>Circulate sample</i>	<i>10:45</i>	<i>12:00</i>	<i>1 1/4</i>

DRILL PIPE SIZE <i>4 1/2"</i>	TYPE <i>X.H.</i>	TOTAL NO. OF JOINTS <i>261</i>	DATE LAST SONOSCOPED <i>16/1/72</i>	FOOTAGE DRILLED SINCE LAST SONOSCOPED <i>12.834</i>	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER *Z. M. M. M.*
APPROVED BY *Poland J. Stabl*

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 14/72 REPORT NO. 85

PUMPS		STROKE LENGTH		DATE		WELL NAME		LOCATION		RIG		LSD		SEC		TWP		RGE		
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	DATE	WELL NAME	LOCATION	RIG	LSD	SEC	TWP	RGE	PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.							
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS		6090		1034"		666		3		1		63		TWP.		RGE.		
DRILLER	J. Halabisky	8	6090		1034"		666		3		1		63		TWP.		RGE.		REMARKS	TIME
DERRICK	H. Lewis	8	6090		1034"		666		3		1		63		TWP.		RGE.		Rig Service check BOPs	1200 1230 1/2
FLOOR	H. Davies	8	6090		1034"		666		3		1		63		TWP.		RGE.		WORK PACKERS loose	1230 100 1/2
FLOOR	P. Lewis	8	6090		1034"		666		3		1		63		TWP.		RGE.		Lay down Testing head	100 115 1/4
FLOOR	M. Wilbur	8	6090		1034"		666		3		1		63		TWP.		RGE.		Pull out	115 530 1/4
FIREMAN			6090		1034"		666		3		1		63		TWP.		RGE.		Break & Lay down Tools	530 730 2
MECHANIC			6090		1034"		666		3		1		63		TWP.		RGE.		Run in w/ B.T	730 800 1/2
INJURIES			6090		1034"		666		3		1		63		TWP.		RGE.			8
TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS		6090		54		6144		6		160		MS		63		TWP.		
DRILLER	Mitch Raychuk	12	6090		54		6144		6		160		MS		63		TWP.		REMARKS	TIME
DERRICK	D. McKenzie	8	6090		54		6144		6		160		MS		63		TWP.		Run in w/ B.T	800 940 13/4
FLOOR	R. Girard	12	6090		54		6144		6		160		MS		63		TWP.		Clean out 20 ft Fill	940 1000 1/4
FLOOR	N. Murray	8	6090		54		6144		6		160		MS		63		TWP.		Drilling	1000 1400 6
FLOOR	R. Simpson	12	6090		54		6144		6		160		MS		63		TWP.			
FIREMAN			6090		54		6144		6		160		MS		63		TWP.			
MECHANIC			6090		54		6144		6		160		MS		63		TWP.			
INJURIES			6090		54		6144		6		160		MS		63		TWP.			
TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS		6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.		
DRILLER	J. Halabisky	4	6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.		REMARKS	TIME
DERRICK	M. Delhe	8	6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.		Drilling 8 3/4" hole	400 800 4
FLOOR	H. Davies	4	6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.		Rig Service, check B.O.P.s	800 815 1/4
FLOOR	D. Babala	8	6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.		Drilling 8 3/4" hole	815 1200 3 3/4
FLOOR	P. Lewis	4	6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.			
FIREMAN			6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.			
MECHANIC			6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.			
INJURIES			6144		46		6190		7 3/4		160,000		5-6 3/4		19-6 1/4		TWP.			

TOOLPUSHER Robert L. Marshall
APPROVED BY Robert L. Marshall

DAY WORK RECORD

TOOLPUSHER L. E. Marshall
APPROVED BY Richard L. Stark

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 12/72 REPORT NO. 23

PUMPS			DATE <u>March 12/72</u>		WELL NAME <u>Bikinson et al Island River</u>		LOCATION <u>1</u> SEC. <u>63</u> TWP. <u>1</u> RGE. <u>1</u>		PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.														
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE	LAST CASING SET AT	RIG NO. <u>3</u>	LOCATION <u>1</u> SEC. <u>63</u> TWP. <u>1</u> RGE. <u>1</u>	REMARKS					TIME											
NO. 1	NO. 2		FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	START	STOP	INT VAL	
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS	5902	18'	5920	2 1/4	185	5-6 3/4	80,000	8	8439	46	8013	2949	6/3/72						12:00	1:00	1
DRILLER	J. Halabisky	8	Drilling 8 3/4" hole																				
DERRICK	H. Lewis	8	Service Rig 3.0 P.S.																				
FLOOR	H. Davies	8	Drilling 8 3/4" hole																				
FLOOR	H. Lewis	8	Circulate Sample																				
FLOOR	H. Lewis	8	Drilling 8 3/4" hole																				
FLOOR	H. Lewis	8	Circulate Sample																				
FIREMAN	M. Wilbur	8	Drop Survey & blow Kelly																				
MECHANIC			Pull out of hole																				
INJURIES																							
TOTAL			5920																				
TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS	5920	22	5942	3	200	5-6 3/4	80,000	8	8583	51 1/2	8583	2903	3/12/72						9:00	9:45	1 3/4
DRILLER	Mitch Baychuk	12	Finish Pull out of hole 4050																				
DERRICK	D. Mckenzie	12	Check 4 1/2 Rams Blow Rams																				
FLOOR	R. Gierard	8	+ Hydrilite Slip + Cut Line																				
FLOOR	N. Mueza	8	Run slip 4 1/2 + Cut 92																				
FLOOR	R. Simpson	8	Run in hole																				
FIREMAN			DRILL																				
MECHANIC																							
INJURIES																							
TOTAL			5942																				
TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS	5942	55'	5997	7 3/4	200	5-6 3/4	80,000	8	8593	98	8593	2903	12/3/72						2:00	8:00	4:00
DRILLER	J. Halabisky	4	DRILL																				
DERRICK	H. Lewis	4	Service Rig																				
FLOOR	R. Babala	8	Drilling 8 3/4" hole																				
FLOOR	D. Babala	8																					
FLOOR	J. Blair	8																					
FIREMAN																							
MECHANIC																							
INJURIES																							
TOTAL			5997																				

TOOLPUSHER J. Blair
 APPROVED BY Robert J. Blair

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 11/72 REPORT NO. 22

PUMPS			LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME		LOCATION		RIG NO.		SEC.		TWP.		RGE.		
MANUFACTURER	TYPE	STROKE LENGTH	NO. 1	NO. 2	FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS DEGREES	
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS																					
DRILLER	J. Halabicky	8	5740	60	5800	7 3/4	185,000	5-6 3/4	80,000	8	8439	46	8013	2949	6/3/72						
DERRICK	H. Lewis	8	53	STANDS	FT.	#8	8 3/4	OUT	37858	XDV	45-50	55	5640	5800	160	19					
FLOOR	H. Lewis	8	2	SINGLES	5047.16	FT.															
FLOOR	R. Dwyer	8	24	D.C.S.	708.57	FT.															
FLOOR	P. Lewis	8	2	SUBS	5.51	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			1	SUB	3.60	FT.	WEIGHT	9.0	9.1	8.9	9.1	6.5	2 3/32	9.5	Fuel in Top tank @ 7:00 A.M. = 6'						
MECHANIC			1	BIT OR C.B.	1.00	FT.	VISCOSITY	85	80	85	87	ADDITIVES water									
INJURIES			1	SHOCK	9.09	FT.	PUMP PRESSURE	650	650	650	650	Gel - 3200 #									
			1	KELLY IN	26.07	FT.	R.P.M. PUMP NO. 1	58	58	58	58	Benex - 6 #									
							R.P.M. PUMP NO. 2	On gums & mixer	Caustic - 50 #												
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2	Cyan - 50 #										
TOTAL			5800																		
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS																					
DRILLER	Mitch Boychuk	12	5800	49	5849	8	182 M	5-6 3/4	80,000	8	8439	46	8013	2949	6/3/72						
DERRICK	D. McKenzie	12	54	STANDS	5710.34	FT.	#8	8 3/4	OUT	37858	XDV	45/50	55	4640	5849	209	27	delg			
FLOOR	N. Muzza	8	1	SINGLES		FT.															
FLOOR	R. Simpson	8	24	D.C.S.	708.57	FT.															
FLOOR			2	SUB	5.51	FT.	MUD	3 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			1	SUB	2.60	FT.	WEIGHT	8.9	9.0	9.0	9.0	7.2	2 3/32	9.5							
MECHANIC			1	BIT OR C.B.	1.00	FT.	VISCOSITY	79	79	78	83	ADDITIVES Water									
INJURIES			1		9.09	FT.	PUMP PRESSURE	650	650	650	650	Gel - 5000 #									
			1	KELLY IN	11.89	FT.	R.P.M. PUMP NO. 1	59	59	59	59	Benex - 10 #									
							R.P.M. PUMP NO. 2	Caustic - 50 #													
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2	Cyan - 50 #										
TOTAL			5849																		
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS																					
DRILLER	J. Halabicky	4	5849	53	5902	7 1/2	185,000	5-6 3/4	80,000	8	8439	46	8013	2949	6/3/72						
DERRICK	H. Lewis	4	54	STANDS	FT.	#8	8 3/4	OUT	37858	XDV	45-50	55	4640	5902	262	34 1/2	Running				
FLOOR	R. Babala	8	2	SINGLES	5141.05	FT.															
FLOOR	D. Babala	8	24	D.C.S.	708.57	FT.															
FLOOR	J. Blair	8	2	SUBS	5.51	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			1	SUB	2.60	FT.	WEIGHT	9.0	9.0	9.0	8.9	7.1	2 3/32	10.0	- Changed saver sub						
MECHANIC			1	BIT OR C.B.	1.00	FT.	VISCOSITY	83	80	77	85	ADDITIVES Water									
INJURIES			1		9.09	FT.	PUMP PRESSURE	650	650	700	700	Gel - 4500 #									
			1	KELLY IN	34.18	FT.	R.P.M. PUMP NO. 1	59	59	59	59	Benex - 8 #									
							R.P.M. PUMP NO. 2	On gums & mixer	Caustic - 50 #												
							PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2											
TOTAL			5902.00																		
DRILL PIPE SIZE	4 1/2	TYPE	XO	TOTAL NO. OF JOINTS	261	DATE LAST SONO SCOPED	16/1/72	FOOTAGE DRILLED SINCE LAST SONO SCOPED		TOTAL FOOTAGE DRILLED		LAST CALIBER DATE		RESULTS		CODE LETTER OF STRING					
B.O.P.S. TESTED		ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.													

TOOLPUSHER J. Macneil
 APPROVED BY Roland J. Babala

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emaco</i>	<i>D-500</i>	<i>16"</i>
NO. 2 <i>Oilwell</i>	<i>214-P</i>	<i>14"</i>

LAST CASING SIZE	LAST CASING SET AT
<i>10 3/4"</i>	<i>666'</i>

DATE *March 10/72*

WELL NAME *Athinson et al Island River*

DATE *March 10/72*

REPORT NO. *21*

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>J. Halabisky</i>	<i>8</i>
DERRICK <i>H. Lewis</i>	<i>8</i>
FLOOR <i>H. Davies</i>	<i>8</i>
FLOOR <i>R. Girard</i>	<i>8</i>
FLOOR <i>P. Lewis</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
5640																	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
STANDS																	
SINGLES																	
D.C.'S																	
SUB																	
SUB																	
BIT OR C.B.																	
KELLY IN																	
TOTAL																	

REMARKS	START	STOP	INT VAL
<i>Testing</i>	<i>12:00</i>	<i>2:00</i>	<i>2</i>
<i>Pul loose lay down head</i>	<i>2:00</i>	<i>2:15</i>	<i>1/4</i>
<i>Pull out w/ TEST</i>	<i>2:15</i>	<i>6:30</i>	<i>4 1/4</i>
<i>Break down testing tool</i>	<i>6:30</i>	<i>8:00</i>	<i>2 1/2</i>
<i>Pre flow 218 TEMP 175°</i>			
<i>ISIP = 1838 REC 450 ft Drilling mud</i>			
<i>IFP = 218</i>			
<i>FEP = 230</i>			
<i>ESIP = 1805</i>			
<i>IHP = 2675</i>			
<i>FHP = 2652</i>			

TOUR NO. 2
8 A.M. TO 4 P.M. HOURS

DRILLER <i>Mitch Boychuk</i>	<i>12</i>
DERRICK <i>D. McKENZIE</i>	<i>12</i>
FLOOR <i>N. MURZA</i>	<i>12</i>
FLOOR <i>R. Simpson</i>	<i>12</i>
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
5640																	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
STANDS																	
SINGLES																	
D.C.'S																	
SUB																	
SUB																	
BIT OR C.B.																	
KELLY IN																	
TOTAL																	

REMARKS	START	STOP	INT VAL
<i>Finish Pulling TEST Tool</i>	<i>8:00</i>	<i>9:00</i>	<i>1</i>
<i>Run in hole</i>	<i>9:00</i>	<i>11:30</i>	<i>2 1/2</i>
<i>CLEAN TO BTM 60 FEET</i>	<i>11:30</i>	<i>12:00</i>	<i>1</i>
<i>DRILL</i>	<i>12:00</i>		
		<i>4:00</i>	<i>3 1/2</i>

TOUR NO. 3
4 P.M. TO MIDNIGHT HOURS

DRILLER <i>J. Halabisky</i>	<i>4</i>
DERRICK <i>H. Lewis</i>	<i>4</i>
FLOOR <i>H. Davies</i>	<i>4</i>
FLOOR <i>R. Girard</i>	<i>4</i>
FLOOR <i>P. Lewis</i>	<i>4</i>
FIREMAN	
MECHANIC	
INJURIES	

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
5640																	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
STANDS																	
SINGLES																	
D.C.'S																	
SUB																	
SUB																	
BIT OR C.B.																	
KELLY IN																	
TOTAL																	

REMARKS	START	STOP	INT VAL
<i>DRILL</i>	<i>4:00</i>	<i>4:15</i>	<i>1/4</i>
<i>Service Rig & check B.O.P.s</i>	<i>4:15</i>	<i>4:30</i>	<i>1/4</i>
<i>Drilling 8 3/4" hole</i>	<i>4:30</i>	<i>12:00</i>	<i>2 1/2</i>

DRILL PIPE SIZE <i>4 1/2"</i>	TYPE <i>XH</i>
B.O.P.'S TESTED	ELAPSED TIME

TOTAL NO. OF JOINTS <i>261</i>	DATE LAST SONOSCOPED <i>Jan 16/72</i>	FOOTAGE DRILLED SINCE LAST SONOSCOPE	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
PRESSURE	RESULTS	TOTCO RING ON BIT NO. <i>YES</i>				

TOOLPUSHER *[Signature]*
APPROVED BY *[Signature]*

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Amaco</i>	D-500	16"
NO. 2 <i>Oilwell</i>	214-P	14"

LAST CASING SIZE	LAST CASING SET AT
<i>10 3/4"</i>	<i>666'</i>

DATE *March 9/72*

WELL NAME *Athinson et al Island River*

DATE *March 9/72*

REPORT NO. *20*

EACH EMPLOYEE MUST SIGN THIS BOOK

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>J. Halabisky</i>	8
DERRICK <i>H. Lewis</i>	8
FLOOR <i>H. Davies</i>	8
FLOOR <i>R. Girard</i>	8
FLOOR <i>P. Lewis</i>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE	
5584'	56'	5640	4 1/2	174,000	5-6 3/4 19-6 1/8	80,000		8	5154	46'	8013'	2949'	6/3/72				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
52	STANDS	4890.34 FT.	# 7	8 3/4"	OUT	34770	XDV	45-55	55	5559'	5640'	81'	7 1/4				
	SINGLES	FT.															
24	D.C.'S	708.57 FT.															
2	SUB 3 2-0	5.51 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB Bit	2.60 FT.	WEIGHT	9.0	9.0	9.9	90	8.1	2 3/32	9.0							
	BIT OR C.B.	1.00 FT.	VISCOSITY	83	85	75	70	ADDITIVES water									
1	SHOCK SUB	9.09 FT.	PUMP PRESSURE	650	550	500	600										
	KELLY IN	23.00 FT.	R.P.M. PUMP NO. 1	60	60	60	60										
			R.P.M. PUMP NO. 2														
TOTAL 5640.11 FT.			PUMP NO. 1 LINER SIZE 5 1/2"	PUMP NO. 2 LINER SIZE 5 1/2"													

REMARKS	START	STOP	INT VAL
<i>Drilling 8 3/4" hole</i>	<i>12:00</i>	<i>12:30</i>	<i>1 1/2</i>
<i>Circulate sample</i>	<i>1:30</i>	<i>2:45</i>	<i>1 1/4</i>
<i>Drilling 8 3/4" hole</i>	<i>2:45</i>	<i>5:45</i>	<i>3</i>
<i>Circulate sample</i>	<i>5:45</i>	<i>7:00</i>	<i>1 1/4</i>
<i>10 std. Dummy trip - hole</i>	<i>7:00</i>		
<i>1 std. + 1 single off bit</i>			
<i>pulling out. Lay down 1</i>			
<i>single, pick up Kelly +</i>			
<i>work tight hole</i>		<i>8:00</i>	<i>1</i>

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

DRILLER <i>Mitch Boychuk</i>	12
DERRICK <i>D MCKENZIE</i>	12
FLOOR <i>R Girard</i>	6
FLOOR <i>N MURZA</i>	12
FLOOR <i>R Simpson</i>	12
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREE	
5640																	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
	STANDS	FT.															
	SINGLES	FT.															
	D.C.'S	FT.															
	SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT	9.0	9.1	9.1					Tight @ 106 ft to bottom -						
	BIT OR C.B.	FT.	VISCOSITY	70		105		ADDITIVES	Water			ream out					
		FT.	PUMP PRESSURE	600	650	650		Hel -	54 sks								
	KELLY IN	FT.	R.P.M. PUMP NO. 1	60	60	60		Benex -	2#								
			R.P.M. PUMP NO. 2	on mud mixer				Caustic -	50 #								
TOTAL		FT.	PUMP NO. 1 LINER SIZE	5 1/2"		PUMP NO. 2 LINER SIZE	5 1/2"		C.M.C. High Vic. -			50 #					

REMARKS	START	STOP	INT VAL
<i>Finish 10 stds out</i>	<i>8:00</i>	<i>8:45</i>	<i>3 1/4</i>
<i>Run in ream tight spots</i>	<i>8:45</i>	<i>1:45</i>	<i>2 1/2</i>
<i>Can mud</i>	<i>1:45</i>	<i>2:30</i>	<i>3 1/4</i>
<i>Pull out TO TEST</i>	<i>2:30</i>	<i>3:30</i>	<i>1</i>
<i>CONSERVATION BOARD 1/2</i>	<i>3:30</i>	<i>4:00</i>	<i>2 1/2</i>

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER <i>J. Halabisky</i>	4
DERRICK <i>H. Lewis</i>	4
FLOOR <i>H. Davies</i>	10
FLOOR <i>R. Girard</i>	4
FLOOR <i>P. Lewis</i>	4
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
5640								5	8295	46	8013	2949	6/3/72				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
	STANDS	FT.	DST #1, Pre Flow 5 min ISI = 60 min Vopen = 60 min														
	SINGLES	FT.	FSI = 120 min, weak air blow throughout TEST.														
	D.C.'S	FT.															
	SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
	SUB	FT.	WEIGHT								DST #1 5530 - 5640 = 110						
	BIT OR C.B.	FT.	VISCOSITY					ADDITIVES			WT/Johnson DUAL 7 3/4"						
		FT.	PUMP PRESSURE								RUBBER, Pump out sub JAC						
	KELLY IN	FT.	R.P.M. PUMP NO. 1								SAFETY JOINT, 2 AKI.						
		FT.	R.P.M. PUMP NO. 2								RECORDERS, MFE Tool						
TOTAL			PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE						all 11" Spun P. in						

REMARKS	START	STOP	INT VAL
<i>Finish Pullout of hole</i>	<i>4:00</i>	<i>5:00</i>	<i>1</i>
<i>MAKEUP TEST TOOL</i>	<i>5:00</i>	<i>6:15</i>	<i>1 1/4</i>
<i>Run in slow</i>	<i>6:15</i>	<i>9:30</i>	<i>3 1/4</i>
<i>MAKE up head</i>	<i>9:30</i>	<i>9:45</i>	<i>4</i>
<i>TESTING</i>	<i>9:45</i>	<i>12:00</i>	<i>2 1/4</i>

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPIED	FOOTAGE DRILLED SINCE LAST SONOSCOPIED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.			

TOOLPUSHER *A. Marchal*
 APPROVED BY *Roland J. Halab*

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>March 8/72</u>		WELL NAME <u>Athens et al Island River</u>		DATE <u>March 8/72</u>		REPORT NO. <u>19</u>	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>3</u>		LOCATION LSD. <u>1</u> SEC. <u>63</u> TWP. <u></u> RGE. <u></u>	
NO. 1 <u>Imco</u>	<u>D-500</u>	<u>16"</u>	<u>10 3/4"</u>		<u>666'</u>		<u>3</u>		<u>1</u>	
NO. 2 <u>Pilwell</u>	<u>214-P</u>	<u>14"</u>	<u>10 3/4"</u>		<u>666'</u>		<u>3</u>		<u>1</u>	
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>J. Halabisky</u>	<u>8</u>		<u>5510'</u>		<u>21'</u>		<u>5541'</u>		<u>7 3/4</u>	
DERRICK <u>H. Lewis</u>	<u>8</u>		<u>51</u>		<u>STANDS</u>		<u>4798.86 FT.</u>		<u>#6</u>	
FLOOR <u>H. Davies</u>	<u>8</u>		<u>1</u>		<u>SINGLES</u>		<u>FT.</u>		<u></u>	
FLOOR <u>R. Lirard</u>	<u>8</u>		<u>24</u>		<u>D.C.'S</u>		<u>708.57 FT.</u>		<u></u>	
FLOOR <u>P. Lewis</u>	<u>8</u>		<u>2</u>		<u>SUBS</u>		<u>551 FT.</u>		<u>MUD</u>	
FIREMAN			<u>1</u>		<u>SUB</u>		<u>2.60 FT.</u>		<u>WEIGHT</u>	
MECHANIC			<u>1</u>		<u>SHOCK SUB</u>		<u>9.09 FT.</u>		<u>PUMP PRESSURE</u>	
INJURIES			<u>1</u>		<u>KELLY IN</u>		<u>16.00 FT.</u>		<u>PUMP NO. 1</u>	
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>M. J. Boychuk</u>	<u>12</u>		<u>5541</u>		<u>18</u>		<u>5559</u>		<u>4 1/2</u>	
DERRICK <u>D. McKenzie</u>	<u>12</u>		<u>51</u>		<u>STANDS</u>		<u>4798.76 FT.</u>		<u>6</u>	
FLOOR <u>H. DAVIES</u>	<u>6</u>		<u>1</u>		<u>SINGLES</u>		<u>FT.</u>		<u>7</u>	
FLOOR <u>N. MURZA</u>	<u>12</u>		<u>24</u>		<u>D.C.'S</u>		<u>708.57 FT.</u>		<u></u>	
FLOOR <u>R. Simpson</u>	<u>12</u>		<u>2</u>		<u>SUB</u>		<u>551 FT.</u>		<u>MUD</u>	
FIREMAN			<u>1</u>		<u>SUB</u>		<u>2.60 FT.</u>		<u>WEIGHT</u>	
MECHANIC			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00 FT.</u>		<u>VISCOSITY</u>	
INJURIES			<u>1</u>		<u>KELLY IN</u>		<u>34.00 FT.</u>		<u>PUMP NO. 1</u>	
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>J. Halabisky</u>	<u>4</u>		<u>5559</u>		<u>25'</u>		<u>5584'</u>		<u>2 3/4</u>	
DERRICK <u>H. Lewis</u>	<u>4</u>		<u>51</u>		<u>STANDS</u>		<u>4798.86 FT.</u>		<u>#7</u>	
FLOOR <u>H. Davies</u>	<u>4</u>		<u>1</u>		<u>SINGLES</u>		<u>4828.88 FT.</u>		<u></u>	
FLOOR <u>R. Lirard</u>	<u>4</u>		<u>24</u>		<u>D.C.'S</u>		<u>708.57 FT.</u>		<u></u>	
FLOOR <u>P. Lewis</u>	<u>4</u>		<u>2</u>		<u>SUBS</u>		<u>551 FT.</u>		<u>MUD</u>	
FIREMAN			<u>1</u>		<u>SUB</u>		<u>2.60 FT.</u>		<u>WEIGHT</u>	
MECHANIC			<u>1</u>		<u>SHOCK SUB</u>		<u>9.09 FT.</u>		<u>PUMP PRESSURE</u>	
INJURIES			<u>1</u>		<u>KELLY IN</u>		<u>29.00 FT.</u>		<u>PUMP NO. 1</u>	
TOUR NO. 4 8 A.M. TO 4 P.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>J. Halabisky</u>	<u>4</u>		<u>5541</u>		<u>18</u>		<u>5559</u>		<u>4 1/2</u>	
DERRICK <u>H. Lewis</u>	<u>4</u>		<u>51</u>		<u>STANDS</u>		<u>4798.76 FT.</u>		<u>6</u>	
FLOOR <u>H. Davies</u>	<u>4</u>		<u>1</u>		<u>SINGLES</u>		<u>FT.</u>		<u>7</u>	
FLOOR <u>R. Lirard</u>	<u>4</u>		<u>24</u>		<u>D.C.'S</u>		<u>708.57 FT.</u>		<u></u>	
FLOOR <u>P. Lewis</u>	<u>4</u>		<u>2</u>		<u>SUB</u>		<u>551 FT.</u>		<u>MUD</u>	
FIREMAN			<u>1</u>		<u>SUB</u>		<u>2.60 FT.</u>		<u>WEIGHT</u>	
MECHANIC			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00 FT.</u>		<u>VISCOSITY</u>	
INJURIES			<u>1</u>		<u>KELLY IN</u>		<u>34.00 FT.</u>		<u>PUMP NO. 1</u>	

TOOLPUSHER L. J. ...
 APPROVED BY Roland J. ...

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>MARCH 7/72</u>		WELL NAME <u>ATKINSON ISLAND RIVER 1-63</u>		DATE <u>MARCH 7/72</u>		REPORT NO. <u>18</u>	
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>3</u>		LOCATION <u>ESD.</u> SEC. <u>1</u> TWP. <u>63</u> RGE. <u></u>	
NO. 1 <u>EMSCO</u>	<u>D-500</u>	<u>16</u>	<u>10 3/4</u>		<u>6 1/2</u>		<u>170</u>		<u>80</u>	
NO. 2 <u>OH WELL 214-P</u>	<u>14</u>	<u>14</u>	<u>10 3/4</u>		<u>6 1/2</u>		<u>170</u>		<u>80</u>	
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>E. HANNEM</u>	<u>8</u>	<u>8</u>	<u>5280</u>		<u>103</u>		<u>5383</u>		<u>6 1/2</u>	
DERRICK <u>W. LEE</u>	<u>8</u>	<u>8</u>	<u>49</u>		<u>STANDS</u>		<u>4615.67</u>		<u>6</u>	
FLOOR <u>R. BABALA</u>	<u>8</u>	<u>8</u>	<u>24</u>		<u>SINGLES</u>		<u>70857</u>		<u>24</u>	
FLOOR <u>D. BABALA</u>	<u>8</u>	<u>8</u>	<u>2</u>		<u>D.C.'S</u>		<u>5.67</u>		<u>2</u>	
FLOOR <u>F. BLAIR</u>	<u>8</u>	<u>8</u>	<u>1</u>		<u>SUB</u>		<u>2.60</u>		<u>1</u>	
FIREMAN			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00</u>		<u>1</u>	
MECHANIC			<u>1</u>		<u>SHOCK</u>		<u>9.09</u>		<u>1</u>	
INJURIES			<u>1</u>		<u>KELLY IN</u>		<u>41.00</u>		<u>1</u>	
TOTAL			<u>5383</u>		<u>FT.</u>		<u>5 1/2</u>		<u>5 1/2</u>	
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>J. Holabick</u>	<u>8</u>	<u>8</u>	<u>5285</u>		<u>76</u>		<u>5459</u>		<u>5</u>	
DERRICK <u>H. Lewis</u>	<u>8</u>	<u>8</u>	<u>50</u>		<u>STANDS</u>		<u>4706.53</u>		<u>#6</u>	
FLOOR <u>H. Davies</u>	<u>8</u>	<u>8</u>	<u>24</u>		<u>SINGLES</u>		<u>70857</u>		<u>24</u>	
FLOOR <u>R. Girard</u>	<u>8</u>	<u>8</u>	<u>2</u>		<u>D.C.'S</u>		<u>5.51</u>		<u>2</u>	
FLOOR <u>P. Lewis</u>	<u>8</u>	<u>8</u>	<u>1</u>		<u>SUB</u>		<u>2.60</u>		<u>1</u>	
FIREMAN			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00</u>		<u>1</u>	
MECHANIC			<u>1</u>		<u>SHOCK</u>		<u>9.09</u>		<u>1</u>	
INJURIES			<u>1</u>		<u>KELLY IN</u>		<u>26.00</u>		<u>1</u>	
TOTAL			<u>5459.30</u>		<u>FT.</u>		<u>5 1/2</u>		<u>5 1/2</u>	
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>Mitch Daychuk</u>	<u>8</u>	<u>8</u>	<u>5459</u>		<u>51</u>		<u>5510</u>		<u>8</u>	
DERRICK <u>D. McKenzie</u>	<u>12</u>	<u>12</u>	<u>50</u>		<u>STANDS</u>		<u>4767.23</u>		<u>6</u>	
FLOOR <u>R. Barhurst</u>	<u>8</u>	<u>8</u>	<u>24</u>		<u>SINGLES</u>		<u>70857</u>		<u>24</u>	
FLOOR <u>N. Murza</u>	<u>8</u>	<u>8</u>	<u>2</u>		<u>D.C.'S</u>		<u>5.51</u>		<u>2</u>	
FLOOR <u>R. Simpson</u>	<u>8</u>	<u>8</u>	<u>1</u>		<u>SUB</u>		<u>2.60</u>		<u>1</u>	
FIREMAN <u>McKENZIE STAYED OVER</u>			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00</u>		<u>1</u>	
MECHANIC <u>FOR COLLARS MARCH 9 4 HRS</u>			<u>1</u>		<u>SHOCK</u>		<u>9.09</u>		<u>1</u>	
INJURIES <u>R. Barhurst</u>			<u>1</u>		<u>KELLY IN</u>		<u>16</u>		<u>1</u>	
TOTAL			<u>5510.00</u>		<u>FT.</u>		<u>5 1/2</u>		<u>5 1/2</u>	
TOUR NO. 4 12 A.M. TO 8 A.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>M. Daychuk</u>	<u>8</u>	<u>8</u>	<u>5510</u>		<u>51</u>		<u>5510</u>		<u>8</u>	
DERRICK <u>D. McKenzie</u>	<u>12</u>	<u>12</u>	<u>50</u>		<u>STANDS</u>		<u>4767.23</u>		<u>6</u>	
FLOOR <u>R. Barhurst</u>	<u>8</u>	<u>8</u>	<u>24</u>		<u>SINGLES</u>		<u>70857</u>		<u>24</u>	
FLOOR <u>N. Murza</u>	<u>8</u>	<u>8</u>	<u>2</u>		<u>D.C.'S</u>		<u>5.51</u>		<u>2</u>	
FLOOR <u>R. Simpson</u>	<u>8</u>	<u>8</u>	<u>1</u>		<u>SUB</u>		<u>2.60</u>		<u>1</u>	
FIREMAN <u>McKENZIE STAYED OVER</u>			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00</u>		<u>1</u>	
MECHANIC <u>FOR COLLARS MARCH 9 4 HRS</u>			<u>1</u>		<u>SHOCK</u>		<u>9.09</u>		<u>1</u>	
INJURIES <u>R. Barhurst</u>			<u>1</u>		<u>KELLY IN</u>		<u>16</u>		<u>1</u>	
TOTAL			<u>5510.00</u>		<u>FT.</u>		<u>5 1/2</u>		<u>5 1/2</u>	
TOUR NO. 5 8 A.M. TO 4 P.M.			HOURS		HOURS		HOURS		HOURS	
DRILLER <u>M. Daychuk</u>	<u>8</u>	<u>8</u>	<u>5510</u>		<u>51</u>		<u>5510</u>		<u>8</u>	
DERRICK <u>D. McKenzie</u>	<u>12</u>	<u>12</u>	<u>50</u>		<u>STANDS</u>		<u>4767.23</u>		<u>6</u>	
FLOOR <u>R. Barhurst</u>	<u>8</u>	<u>8</u>	<u>24</u>		<u>SINGLES</u>		<u>70857</u>		<u>24</u>	
FLOOR <u>N. Murza</u>	<u>8</u>	<u>8</u>	<u>2</u>		<u>D.C.'S</u>		<u>5.51</u>		<u>2</u>	
FLOOR <u>R. Simpson</u>	<u>8</u>	<u>8</u>	<u>1</u>		<u>SUB</u>		<u>2.60</u>		<u>1</u>	
FIREMAN <u>McKENZIE STAYED OVER</u>			<u>1</u>		<u>BIT OR C.B.</u>		<u>1.00</u>		<u>1</u>	
MECHANIC <u>FOR COLLARS MARCH 9 4 HRS</u>			<u>1</u>		<u>SHOCK</u>		<u>9.09</u>		<u>1</u>	
INJURIES <u>R. Barhurst</u>			<u>1</u>		<u>KELLY IN</u>		<u>16</u>		<u>1</u>	
TOTAL			<u>5510.00</u>		<u>FT.</u>		<u>5 1/2</u>		<u>5 1/2</u>	

TOOLPUSHER R. Barhurst
APPROVED BY R. Barhurst

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE	WELL NAME	DATE	REPORT NO.
TOUR NO. 1			EMSCO		D-500	16	10 3/4		6 6 6		MARCH 6 / 72	ATKINSON ISLAND RIVER #63	MARCH 6 / 72	17
TOUR NO. 2			OL WELL		214-P	14								
TOUR NO. 3														
TOUR NO. 4														
TOUR NO. 5														
TOUR NO. 6														
TOUR NO. 7														
TOUR NO. 8														
TOUR NO. 9														
TOUR NO. 10														
TOUR NO. 11														
TOUR NO. 12														
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TOUR NO. 97														
TOUR NO. 98														
TOUR NO. 99														
TOUR NO. 100														

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 EMSCO D-500	16	
NO. 2 OILWELL 24 P	14	

LAST CASING SIZE	LAST CASING SET AT
103/4	666

DATE MARCH 5/72

WELL NAME ATKINSON ISLAND RIVER 1-63

DATE MARCH 5/72 REPORT NO. 16

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES			
4819	81	4900	6 1/2	170	5-6 3/4 19-6 3/4	80		8	7782	92	7454	2995	21/2/72	4840	2°			
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION		
44	STANDS	4145	74 FT.	5	8 3/4	3/11	39066	X18	20-25	80	4662	4900	238	18		Run		
	SINGLES		FT.															
24	D.C.'S	708	57 FT.															
1	SUB <u>E</u>	2.60	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
2	SUB <u>S</u>	5.5	FT.	WEIGHT	9.0	9.0	9.0	9.0	9.0	2/32	9.0							
1	BT OR C.B.	1.00	FT.	VISCOSITY	140	125	95	78	ADDITIVES									
	<u>SHOCK</u>	9.09	FT.	PUMP PRESSURE	1400	1400	1400	1400	SONA ASM. 300.									
	KELLY IN	28.00	FT.	R.P.M. PUMP NO. 1	58	58	58	58	2000								Fuel 2' 7:00 A.M.	
				R.P.M. PUMP NO. 2	Mud	Roll			2000									
TOTAL		4900	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2											

REMARKS	START	STOP	INT VAL
Rig Set Survey	12:00		
unable to get Totco down			
Run to Bottom in time mud clogged	12:30	1:30	1/2
Drilling	12:30	2:30	2
work on pump	2:30	2:45	1/4
Drilling	2:45	5:30	2 3/4
Survey	5:30	6:15	3/4
Drilling	6:15	8:00	1 3/4

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE		
4900'	85'	4985	6 1/4	170.005	5-6 3/4 19-6 1/4	80.000		8	7782	92	7454	2995	2/2/72	4935'			
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
45	STANDS	4239.78 FT.	#5	8 3/4"	3-11	39066	X1G	18-25	70-80	4662	4985	324	24 1/4				Pumped
	SINGLES	FT.															
24	D.C.'S	708.57 FT.															
2	SUBS X-O	5.51 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB Bit	2.60 FT.	WEIGHT	9.0	9.1	9.0	9.0	10.0	3/32	9.0	Pumped Fuel - 5' @ 3:30 P.M.						
1	BT OR C.B.	1.00 FT.	VISCOSITY	78	92	73	70	ADDITIVES	water								
1	SHOCK SUB	9.09 FT.	PUMP PRESSURE	1400	1400	1400	1400	Gel - 1000#									
	KELLY IN	.19 FT.	R.P.M. PUMP NO.1	58	58	58	58	Borer - 4#									
			R.P.M. PUMP NO.2	On Survey + mixed				Caustic - 50#									
TOTAL		4985.55 FT.	PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE		5 1/2"										

REMARKS	START	STOP	INT VAL
Drilling 8 3/4" hole	8:00	8:45	3/4
Service Rig - Check 4 1/2" pipe ram	8:45		
and hydro drill (worked O.K.)	9:15	9:30	1/2
Drilling 8 3/4" hole	9:30	11:45	2 1/2
Run Survey @ 4935' - miss run -	11:45		
(didn't make hole)		12:15	1/2
Drilling 8 3/4" hole	12:15	2:30	2 1/4
Run Survey @ 4935' (40 ft up)	2:30	3:30	3/4
Drilling 8 3/4" hole	3:30	4:00	3/4

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES	
14985	134	5119	6 3/4	5-6 3/4	170	80	17	8	7782	92	7454	2995	21/2/72	4996	1 3/4	
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
46	STANDS	4365	04	5	8 3/4	3-11	39066	X18	30	70	4662	5119	243	30 1/2		
1	SINGLES		FT.													
24	D.C.'S	708	57	FT.												
2	SUB	5.51	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS				
1	SUB	2.60	FT.	WEIGHT	9.0	9.0	9.0	9.0	9.1	3/32	9.0					
1	BIT OR C.B.	1.00	FT.	VISCOSITY	87	79	86	78	ADDITIVES Water							
1		9.09	FT.	PUMP PRESSURE	1450	1450	1450	1450	Borer - 2#							
	KELLY IN	1719	FT.	R.P.M. PUMP NO. 1	58	58	58	58	Gel - 1000#							
				R.P.M. PUMP NO. 2					Caustic - 50#							
TOTAL		5119	FT.	PUMP NO. 1 LINER SIZE			PUMP NO. 2 LINER SIZE									

REMARKS	START	STOP	INT VAL
DRILL	4:00	5:15	1 1/4
Rig Set	5:15	5:30	1/4
Circ & Totco @ 1997	5:30	6:00	1/2
DRILL	6:00	10:00	4
Circ & Totco 5092 1°	10:00	11:00	1
DRILL	11:00	12:00	1

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPE	FOOTAGE DRILLED SINCE LAST SONOSCOPE	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
4 1/2	XH	261	Jan 11/72					
B.O.P.'S TESTED	ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.				

TOOLPUSHER *[Signature]*
APPROVED BY *[Signature]*

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS		MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE	WELL NAME		LOCATION		SEC.	TWP.	RGE.	REPORT NO.	
NO. 1		EMSCO		D500	16	10 3/4		666		MARCH 4/72	ATKINSON ISLAND RIVER		3		1		63		15
NO. 2		OLIVELL		214P	1H														
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS																	
DRILLER		E. HANNENI																	
DERRICK		W. LEE																	
FLOOR		R. BABALA																	
FLOOR		D. BABALA																	
FLOOR		F. BLAIR																	
FIREMAN																			
MECHANIC																			
INJURIES																			
TOTAL		4662																	
TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS																	
DRILLER		J. Halabisky																	
DERRICK		H. Lewis																	
FLOOR		H. Davies																	
FLOOR		R. Gifford																	
FLOOR																			
FIREMAN																			
MECHANIC																			
INJURIES																			
TOTAL		4725.67																	
TOUR NO. 3 4 P.M. TO MIDNIGHT		HOURS																	
DRILLER		M. B. Borchuk																	
DERRICK		D. McKENZIE																	
FLOOR		R. B. Borchuk																	
FLOOR		R. Simpson																	
FLOOR																			
FIREMAN																			
MECHANIC																			
INJURIES																			
TOTAL		4819.62																	
DRILL PIPE SIZE		4 1/2																	
B.O.P.'S TESTED		261																	
ELAPSED TIME																			
PRESSURE																			
RESULTS																			
TOOLPUSHER		J. M. Borchuk																	
APPROVED BY		Roland J. Hall																	

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>EMSED D-500</i>	<i>16</i>	
NO. 2 <i>OILVELL 2.1HP</i>	<i>14</i>	

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>E. HANNEM</i>	<i>8</i>
DERRICK <i>W. LOEE</i>	<i>8</i>
FLOOR <i>R. BABALA</i>	<i>8</i>
FLOOR <i>D. BABALA</i>	<i>8</i>
FLOOR <i>E. B. BAIR</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

LAST CASING SIZE	LAST CASING SET AT
<i>10 3/4</i>	<i>666</i>

DATE *MARCH 3/72* WELL NAME *ATKINSON ISLAND RIVER*
RIG NO. *3* LOCATION LSD. *1* SEC. *1* TWP. *63* RGE. *63*

DATE *FEB. MARCH 3/72* REPORT NO. *14*
PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK																	FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS		DEGREES	
TOUR NO.1 MIDNIGHT TO 8 A.M.																	HOURS		4292		150		4442		7 1/4		158		5-6 3/4		80.00		8		7590		92		7454		2995		21/2/72		4300		1/2 X	
DRILLER		E. HANNEM		8		NO.		DRILLING STRING		BITS RUN NO.		SIZE		NOZZLE SIZE		SERIAL NO.		TYPE		WEIGHT		RPM		FOOTAGE FROM		FOOTAGE TO		FOOTAGE		HOURS		CORED FROM		CORED TO		REAMED FROM		REAMED TO		CONDIT-ION								
DERRICK		W. LEE		8		39		STANDS		FT.		4		8 3/4		3/11		39106		XIC		3000		80		4236		4442		206		11 1/4						Run										
FLOOR		R. BABALA		8		1		SINGLES		3705		2 FT.																																				
FLOOR		D. BABALA		8		24		D.C.'S		7085		7 FT.																																				
FLOOR		F. BLAIR		8		2		SUB		55		5 FT.		MUD		12 MID.		2 A.M.		4 A.M.		6 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS																		
FIREMAN						1		SUB		2.60		2 FT.		WEIGHT		8.9		9.0		9.0		8.9																										
MECHANIC						1		BIT OR C.B.		1.00		1 FT.		VISCOSITY		49.		48.		49.		60		ADDITIVES																								
INJURIES								SHOCK		9.09		9 FT.		PUMP PRESSURE		1400		1400		1400		1400		SEL. 50		FUEL 4'3" 7 AM																						
								KELLY IN		12.00		12 FT.		PUMP NO.1		58								BENEX 20																								
										4442				PUMP NO.2										CAUSTIC. 50 #																								
												TOTAL		FT.		PUMP NO. 1 LINER SIZE		5 1/2		PUMP NO. 2 LINER SIZE		5 1/2																										

REMARKS	START	STOP	INT VAL
<i>Pic Service</i>	<i>5:00</i>	<i>12:15</i>	<i>1/4</i>
<i>Drilling</i>	<i>12:15</i>	<i>1:30</i>	<i>1/4</i>
<i>Service</i>	<i>1:30</i>	<i>2:00</i>	<i>1/2</i>
<i>Drilling</i>	<i>2:00</i>	<i>8:00</i>	<i>6</i>

DRILLER <i>J. Dalbisky</i>	<i>8</i>
DERRICK <i>H. Lewis</i>	<i>8</i>
FLOOR <i>H. Davis</i>	<i>8</i>
FLOOR <i>R. Givard</i>	<i>8</i>
FLOOR <i>J. Blair</i>	<i>8</i>
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
4442'		123'	4565'	6 1/2	160.000	5-6 3/4	80.000		8	7670	92	7454	2995	21 1/2/72		4525'	2 1/2°	
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
40	STANDS		FT. #4	8 3/4"	3-11	39106	XIG	45 20	70-80	4236'	4565'	329'	17 3/4					
1	SINGLES	3800.19	FT.															
24	D.C.'S	708.57	FT.															
2	SUB	5x-0	5.51	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	3 1/2	2.60	FT.	WEIGHT	8.9	8.9	9.0	8.9		7/32		held Blow out Drill					
	BIT OR C.B.	1.00	FT.	VISCOSITY	55	50	50	45	ADDITIVES	water								
1	SHOCK SUB	9.09	FT.	PUMP PRESSURE	1250	1250	1100	1100										
	KELLY IN.	39.00	FT.	R.P.M. PUMP NO.1	58	58												
				R.P.M. PUMP NO.2			57	57										
TOTAL 4565.96				FT.	PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE	5 1/2"										

REMARKS	START	STOP	INT VAL
<i>Drilling 8 3/4" hole</i>	<i>8:00</i>	<i>9:15</i>	<i>1/4</i>
<i>Service Rig + Check B.O.P.</i>	<i>9:15</i>	<i>9:30</i>	<i>1/4</i>
<i>Drilling 8 3/4" hole</i>	<i>9:30</i>	<i>10:45</i>	<i>1/4</i>
<i>Work site hole and connections</i>	<i>10:45</i>	<i>11:00</i>	<i>1/4</i>
<i>Drilling 8 3/4" hole</i>	<i>11:00</i>	<i>12:30</i>	<i>1 1/2</i>
<i>Circulate + work pipe</i>	<i>12:30</i>		
<i>Run survey @ 4525'</i>		<i>1:30</i>	<i>1</i>
<i>Drilling 8 3/4" hole</i>	<i>1:30</i>	<i>4:00</i>	<i>2 1/2</i>

DRILLER <i>Mitch Boychuk</i>	<i>8</i>
DERRICK <i>D. McKENZIE</i>	<i>8</i>
FLOOR <i>R. Barhurst</i>	<i>8</i>
FLOOR <i>R. Simpson</i>	<i>8</i>
FLOOR	
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE			
4565	97	4662	7 1/4	160.00	5-6 3/4	80.00			7670	92	7454	2995	21/2/72	4579	2 1/2			
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION	
41	STANDS	3894	4	8 3/4	5111	39106	XIG	2000	70/80	4236	4662	426	2 1/4				321	
1	SINGLES		FT.					110										
24	D.C.'S	7085	FT.															
2	SUB	557	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB	260	FT.	WEIGHT	8.9	8.9	8.9	8.9				HELD B.O.P. Blow out						
1	BIT OR C.B.	100	FT.	VISCOSITY	44	44	49	65	ADDITIVES	Water	DRILL							
1	SHOCK SUB	909	FT.	PUMP PRESSURE	1100	1400	1400	1400	Gel	60	Sec							
1	KELLY IN	41100	FT.	R.P.M. PUMP NO. 1	58	58	58	Benex	24	lbs								
				R.P.M. PUMP NO. 2	57			Covater	50	lbs								
TOTAL	41662	00	FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2											

REMARKS	START	STOP	INT VAL
<i>Drill</i>	<i>4:00</i>	<i>6:00</i>	<i>2</i>
<i>Circ & Torque @ 4579</i>	<i>6:00</i>	<i>6:45</i>	<i>3/4</i>
<i>Drill</i>	<i>6:45</i>	<i>12:45</i>	<i>5</i>
<i>Circ</i>	<i>11:00</i>	<i>12:00</i>	<i>1/4</i>

DRILL PIPE SIZE	H 1/2	TYPE	XH	TOTAL NO. OF JOINTS	261	DATE LAST SONOSCOPIED		FOOTAGE DRILLED SINCE LAST SONOSCOPIED		TOTAL FOOTAGE DRILLED		LAST CALIPER DATE		RESULTS		CODE LETTER OF STRING	
B.O.P.'S TESTED				ELAPSED TIME				PRESSURE		RESULTS		TOTCO RING ON BIT NO. 4					

TOOLPUSHER *Z. Marzouk*

APPROVED BY *Richard J. Smith*

DAY WORK RECORD

MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME		DATE		REPORT NO.																									
EMSCO		D-500	16	10 3/4		6 1/2		MARCH 2/72		ATKINSON ISLAND RIVER		FEB		MARCH 2																									
NO. 1		14		10 3/4		6 1/2		RIG NO. 3		LOCATION LSD. SEC. 1 TWP. 63 RGE.		PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.																											
TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS DEGREES		REMARKS		TIME			
DRILLER		E. HANNEM		8		4065		171		4236		6 3/4		144		5-634		80,000		8		7570		72		7454		2995		2/2/72		3960		3/4		Rig Service		12:00 12:15 1/4	
DERRICK		W. LEE		8		37		STANDS		3485.94		3		8 1/4		3-11		38983		110		50		70-80		3265		4236		471		324		Drilling		12:15 7:00 6 3/4			
FLOOR		R. BABALA		8		SINGLES		FT.																										Circ. To C.O. Blow Kelly		7:00 8 1			
FLOOR		D. BABALA		8		24		D.C.'S		708.57																													
FLOOR		F. BLAIR		8		SUB		5.5		FT.		MUD		12 MID.		2 A.M.		4 A.M.		6 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS											
FIREMAN						SUB		2.60		FT.		WEIGHT		8.8		8.9		8.9		8.9																			
MECHANIC						BIT OR C.B.		1.00		FT.		VISCOSITY		53		52		49		52		ADDITIVES																	
INJURIES						SHOCK		9.09		FT.		PUMP PRESSURE										SEL 3000.										Fuel 5'3" 7 A.M.							
						KELLY IN		24.47		FT.		R.P.M. PUMP NO. 1										BENEX-12 #																	
												R.P.M. PUMP NO. 2										CAUSTIC-50 #																	
						TOTAL		4236		FT.		PUMP NO. 1 LINER SIZE		5 1/2		PUMP NO. 2 LINER SIZE		5 1/2																					
TOUR NO. 2 8 A.M. TO 4 P.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF D.C.'S		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS DEGREES		REMARKS					
DRILLER		J. Halsbury		8		4236		0																								4236		24		Circulate & work pipe in tight hole		8:00 9:00 1	
DERRICK		H. Lewis		8		STANDS		FT.		4		8 3/4		3/11		39106		XIG						4236		0		0		0		Running in		Pull out of hole (4 sides)		9:00 9:15 1/4			
FLOOR		H. Davies		8		SINGLES		FT.																										Pick up Kelly, circulate & work pipe		9:15 10:00 3/4			
FLOOR		R. Girard		8		D.C.'S		FT.																										Pull out of hole		10:00 12:30 2 1/4			
FLOOR		J. Blair		8		SUB		FT.		MUD		8 A.M.		10 A.M.		12 NOON		2 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS						Rig service & check B.O.P.		12:30 12:45 1/4					
FIREMAN						SUB		FT.		WEIGHT		9.0																						Run in slow - Hit Bridge & 8' down		12:45			
MECHANIC						BIT OR C.B.		FT.		VISCOSITY		45								ADDITIVES		</																	

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco D-560	16	
NO. 2 Oil Well 214P	14	

LAST CASING SIZE	LAST CASING SET AT
10 3/4	666

DATE MARCH 1 / 72

WELL NAME ATKINSON ISLAND RIVER

DATE 15 MARCH 1 / 72 REPORT NO. 12

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES
3405	210	3615	6 1/4	140	5-6 3/4	80	8	7570	92	7454	2995	2/2/72	3550	3/4

DRILLER E. HANNEM 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
30	STANDS		3	8 3/4	3-11	38983	X10-50	80	3265	3615	360	11 1/2					Run

DERRICK W. LEE 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SINGLES																Drilling

FLOOR R. BABALA 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
24	D.C.S.																Drilling

FLOOR D. BABALA 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
2	SUB S																Repair Rotary Chain

FLOOR E. BLAIR 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SUB																Drilling

FIREMAN

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	OR C.B.																Circ. & Survey

MECHANIC

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SHOCK																Drilling

INJURIES

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	KELLY IN																

TOTAL	3615.79	FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE

REMARKS

START	STOP	INT. VAL.
12:00	12:45	3/4
12:45	1:15	1/2
1:15	2:00	3/4
2:00	2:30	1/2
2:30	6:30	1/2
6:30	7:15	3/4
7:15	8:00	3/4

TOUR NO. 2 8 A.M. TO 4 P.M. HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES
3615	222	3837	6 3/4	140	5-6 3/4	80	8	7570	92	7454	2995	2/2/72		

DRILLER J. Halebsky 12

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
32	STANDS		3	8 3/4	3-11	38983	X10-50	70-80	3265	3837	572	18 1/4					Rig Service

DERRICK H. Lewis 12

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
2	SINGLES																Drilling 8 3/4" hole

FLOOR H. Davis 12

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
2	SINGLES																Work on pump

FLOOR R. Howard 12

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
24	D.C.S.																Drilling 8 3/4" hole

FLOOR B. Ackerman 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
2	SUB S																Hole tight on frame work pipe

FIREMAN

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SUB																Drilling 8 3/4" hole

MECHANIC

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	OR C.B.																

INJURIES

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SHOCK																

TOTAL	3837.08	FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE

REMARKS	START	STOP	INT. VAL.
Rig Service	8:00	8:15	1/4
Drilling 8 3/4" hole	8:15	12:00	3/4
Work on pump	12:00	12:35	1/2
Drilling 8 3/4" hole	12:35	2:00	1 1/2
Hole tight on frame work pipe	2:00	2:30	1/2
Drilling 8 3/4" hole	2:30	4:00	1 1/2

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES
3837	228	4065	7 1/2	140	5-6 3/4	80	8	7570	92	7454	2995	2/2/72	3960	3/4

DRILLER E. HANNEM H

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
35	STANDS		3	8 3/4	3-11	38983	X10-50	70-80	3265	4065	800	25 3/4					Drilling 8 3/4" hole

DERRICK W. LEE H

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
35	STANDS																Circ. & Survey

FLOOR R. BABALA 4

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SINGLES																Drilling

FLOOR D. BABALA 4

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
24	D.C.S.																

FLOOR E. BLAIR 4

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
2	SUB S																

FIREMAN R. Simpson 8

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SUB																

MECHANIC

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	OR C.B.																

INJURIES

NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
1	SHOCK																

TOTAL	4065	FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE

REMARKS	START	STOP	INT. VAL.
Drilling 8 3/4" hole	4:00	9:15	5 1/4
Circ. & Survey	9:15	7:45	1/2
Drilling	7:45	12:00	2 1/4

DRILL PIPE SIZE 4 1/2 TYPE X-4

TOTAL NO. OF JOINTS	DATE LAST SONOSCOPED	FOOTAGE DRILLED SINCE LAST SONOSCOPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
261	Jan 14/72					

B.O.P.'S TESTED

ELAPSED TIME	PRESSURE	RESULTS	TOTCO RING ON BIT NO.

TOOLPUSHER R. Simpson
APPROVED BY Roland Simpson

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 Emsco	D500	16
NO. 2 D. Well	24H	14

LAST CASING SIZE	LAST CASING SET AT
10 3/4	666

DATE Feb 29/72

WELL NAME ATKINSON ISLAND RIVER

DATE Feb 29/72

REPORT NO. 11

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER E HANNENI 8

DERRICK W. LEE 8

FLOOR R. BABALA 8

FLOOR D. BABALA 8

FLOOR F. BLAIR 8

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES		
3110	148	3258	7 1/2	138	5-6 3/4 19-6 3/4	80.000		8		92	7454	2995	2/2/72					
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
26	STANDS	FT.	2	8 3/4		37224	XIG		80	2161	3238	1097	41 3/4					RUN
2	SINGLES	2571.31 FT.																
24	D.C.S	708.57 FT.																
2	SUB S	5.51 FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB	2.60 FT.	WEIGHT	8.5	5.8	8.8	8.8											
1	BIT OR C.B.	1.00 FT.	VISCOSITY	34	37.	39.	45	ADDITIVES										
	SHOCK	9.09 FT.	PUMP PRESSURE	1400	1450	1400	1400.	GEL 5200.										
	KELLY IN	20.00 FT.	R.P.M. PUMP NO.1	60	60.	60	60	BENEX 20 lb.										
			R.P.M. PUMP NO.2					WATER										
TOTAL		3258 FT.	PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE		5 1/2											

REMARKS	START	STOP	INT VAL
Drilling	12:00	12:45	3/4
Rig Set	12:45	1:00	1/4
Drilling	1:00	1:40	3
CONN WORK TIGHT HOLE	1:40	1:55	1/4
Drilling	1:55	2:00	3 3/4

TOUR NO. 2- 8 A.M. TO 4 P.M. HOURS

DRILLER J. Halabisky 12

DERRICK H. Lewis 12

FLOOR H. Davies 12

FLOOR R. Howard 12

FLOOR B. Ackerman 8

FIREMAN

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
3258	7	3265	1/2	138,000	5-6 3/4" 19-6 1/2"	80,000		8	7570	92	7454	2995	21 1/2/72	3150' 1/2°			
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
26	STANDS	FT.	2	8 3/4"	37224	X16	40-50	80	2161	3265	1104	42 1/4					
2	SINGLES	2511.31	FT.														
24	D.C.'S	708.57	FT.														
2	SUB S-0	5.51	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	2.60	FT.	WEIGHT	9.2							Checked blind rams when out of hole. Checked motor shut off - worked O.K.					
1	BIT OR C.B.	1.00	FT.	VISCOSITY	48				ADDITIVES								
1	SHOCK	9.09	FT.	PUMP PRESSURE													
	KELLY IN	27.00	FT.	R.P.M. PUMP NO.1													
TOTAL 3265.05				R.P.M. PUMP NO.2													
				PUMP NO. 1 LINER SIZE 5 1/2"	PUMP NO. 2 LINER SIZE 5 1/2"												

REMARKS	START	STOP	INT VAL
Drilling 8 3/4" Hole	8:00	8:30	1/2
Circulate & Drop survey - Blow Kelly	8:30	9:15	3/4
Pull out of hole	9:15	10:30	1 1/4
Change Snap up Chain	10:30	11:00	1/2
Finish pulling out of hole	11:00	12:15	1 1/4
Change bits & run back in hole	12:15		
Hole bridged off 17 bits off atm.			
Pick up Kelly & ream through			
Circulate & work pipe			
Finish running in			

TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS

DRILLER E. HANNENI 4

DERRICK W. LEE 4

FLOOR R. BABALA 4

FLOOR B. BABALA 4

FLOOR F. BLAIR 4

FIREMAN R. SIMPSON 8

MECHANIC

INJURIES

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	
3265	140	3405	5 1/4		5-6 3/4" 19-6 1/4"	80.000		8		92	7454	2995	2/2/72				
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
28	STANDS		3	8 3/4"	3-11	38983	XIG	40-45	80	3265	3405	140	5 1/4				Run
1	SINGLES		2637.24														
24	D.C.S.		708.57														
SUB		5.51	MUD	5 3/8" P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
SUB		2.60	WEIGHT	8.9		8.9+	8.9										
BIT OR C.B.		1.00	VISCOSITY	42		55	4.7	ADDITIVES									
SHOCK		9.09	PUMP PRESSURE	1350	1400	1450	1350	5 EL									
KELLY IN		41.00	R.P.M. PUMP NO. 1														
		3405	R.P.M. PUMP NO. 2														
TOTAL			PUMP NO. 1 5 1/2"			PUMP NO. 2 3 1/2"											

REMARKS	START	STOP	INT VAL
Pick up Kelly, break circulation	4:00		
and clean 35' to atm.		5:00	1
Service Rig	5:00	5:15	1/4
Drilling 8 3/4" Hole	5:15	6:45	1 1/2
Hole tight on Conn Work Pipe	6:45	7:30	3/4
Drilling 8 3/4" hole	7:30	8:45	1 1/4
CONN WORK Pipe in Tight Hole	8:45	9:15	1/2
Drilling	9:15	10:15	1 1/2
CONN WORK Pipe Tight	10:15	10:45	1/4
Drilling	10:45	12:00	1 1/4

DRILL PIPE SIZE 4 1/2		TYPE X 4 1/2	TOTAL NO. OF JOINTS 267	DATE LAST SONOGRAPED Jan 11/1/72	FOOTAGE DRILLED SINCE LAST SONOGRAPED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE	RESULTS	TOTCO RING ON BIT NO.		

TOOLPUSHER J. Marshall

APPROVED BY Roland J. Hable

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Amoco</i>	<i>D500</i>	<i>16</i>
NO. 2 <i>Chewell</i>	<i>214-P</i>	<i>14</i>

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

DRILLER <i>Mitch Baychuk</i>	8
DERRICK <i>D. MCKENZIE</i>	8
FLOOR <i>A. SHENCHUK</i>	8
FLOOR <i>G. SAGE</i>	8
FLOOR <i>R. SIMPSON</i>	8
FIREMAN	
MECHANIC	
INJURIES	

LAST CASING SIZE	LAST CASING SET AT
<i>10 1/2</i>	<i>666</i>

DATE *FEB 28, 72*

WELL NAME *Atkinson Island River*

DATE *FEB 28, 72* REPORT NO. *10*

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES		
2538	242	2780	7 ³ / ₄	122.11	19-6 ¹ / ₂	80	8	7498	92	7454	2995	2 1/2	2/22	2710	20		
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
21	STANDS	2013.18	2	8 ³ / ₄	3/11	37224	X10	30/45	8	2161	2780	219	20 ¹ / ₄				
1	SINGLES		FT.														
24	D.C.S	70857	FT.														
1	SUB	260	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS					
1	SUB	1.00	FT.	WEIGHT	8'8"	8'8"	8'8"	8'8"				Top Fuel Tank 5 ¹ / ₂ FEET					
2	BIT OR C.B.	551	FT.	VISCOSITY	28	28	28	28	ADDITIVES								
1		909	FT.	PUMP PRESSURE	1000	1000	1000	1400									
	KELLY IN	4100	FT.	R.P.M. PUMP NO.1	58	58	58	58									
				R.P.M. PUMP NO.2													
TOTAL		2780.00	FT.	PUMP NO. 1 LINER SIZE	5 ¹ / ₂		PUMP NO. 2 LINER SIZE		5 ¹ / ₂								

REMARKS	START	STOP	INT VAL
<i>DRILL 8 3/4 hole</i>	<i>1200</i>	<i>5:15</i>	<i>5 1/4</i>
<i>Circ & Totco</i>	<i>5:15</i>	<i>5:30</i>	<i>1/4</i>
<i>Drill</i>	<i>5:30</i>	<i>8:00</i>	

DRILLER <i>E. HANNEN</i>	8
DERRICK <i>W. LEE</i>	8
FLOOR <i>R. BABALA</i>	8
FLOOR <i>D. BABALA</i>	8
FLOOR <i>E. BLAIR</i>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
2180		180	2960	7 3/4	130	19.6 3/4	80		8		92	7454	2995	2/2/72				
NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAM-ED TO	CONDIT-ION
23	STANDS		FT.	2	8 3/4	3/11	37224	X10	45	80	2161	2960	799	28				RUN
1	SINGLES		219483 FT.															
24	D.C.S.		70857 FT.															
2	SUBS		557 FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
1	SUB		260 FT.	WEIGHT	8.8	8.8	8.7	8.8										
1	BIT OR C.B.		1.00 FT.	VISCOSITY	29	28	28		ADDITIVES	Held BOP Drill								
	Shook		9.09 FT.	PUMP PRESSURE	1400	1400	1400	1400	WATER									
	KELLY IN		34.00 FT.	R.P.M. PUMP NO.1	58	58	58	58										
				R.P.M. PUMP NO.2														
TOTAL			2960 FT.	PUMP NO. 1 LINER SIZE	5-1	PUMP NO. 2 LINER SIZE		5-1/2										

REMARKS	START	STOP	INT VAL
<i>8:00 8:15 Sec. Rig</i>	<i>8:00</i>	<i>8:15</i>	<i>1/4</i>
<i>Drilling</i>	<i>8:15</i>	<i>9:00</i>	<i>7 3/4</i>

DRILLER <i>J. Halabisky</i>	8
DERRICK <i>H. Lewis</i>	8
FLOOR <i>H. Davis</i>	8
FLOOR <i>R. Girard</i>	8
FLOOR <i>B. Ackerman</i>	8
FIREMAN	
MECHANIC	
INJURIES	

FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.S.	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREE			
2960'	150'	3110	6 1/4	132,000	5-6 3/4 19-6 1/4	80,000		8	7498	92	7454	2995	2/2/72					
NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION	
25	STANDS	2355.28 FT.	2	8 3/4"	3-11	37224	X1G	40-50	80	2161	3110	949	34 1/4					Running
	SINGLES	FT.																
24	D.C.S.	708.57 FT.																
2	SUBS X-D	5.51 FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS							
1	SUB BIT	2.60 FT.	WEIGHT	8.9	8.9	8.9	8.8				DUMPED + CLEANED #1 & #2							
	BIT OR C.B.	1.00 FT.	VISCOSITY	28	28	28	28	ADDITIVES	water			SETTLING TANKS						
1	SHOCK	9.09 FT.	PUMP PRESSURE	1400	1400	1400	1400	Gel - 3100 #										
	KELLY IN	28.00 FT.	R.P.M. PUMP NO. 1	60		60	60	Benz - 12 #										
TOTAL			3110.05 FT.	R.P.M. PUMP NO. 2				Cortic - 150 #										
			PUMP NO. 1 LINER SIZE	5 1/2"	PUMP NO. 2 LINER SIZE	5 1/2"	Lando - 300 #											

REMARKS	START	STOP	INT VAL
<i>Drilling 8 3/4 Hole</i>	<i>4:00</i>	<i>4:30</i>	<i>1/2</i>
<i>Service Rig</i>	<i>4:30</i>	<i>4:45</i>	<i>1/4</i>
<i>Drilling 8 3/4 Hole</i>	<i>4:45</i>	<i>6:00</i>	<i>1 1/4</i>
<i>Build Volume & Prime Pumps</i>	<i>6:00</i>	<i>6:30</i>	<i>1/2</i>
<i>Drilling 8 3/4 Hole</i>	<i>6:30</i>	<i>7:25</i>	<i>3/4</i>
<i>Work on Airlines to Pump Drive</i>	<i>7:25</i>	<i>7:30</i>	<i>1/4</i>
<i>Drilling 8 3/4 Hole</i>	<i>7:30</i>	<i>10:45</i>	<i>3 1/4</i>
<i>Hole tight on connection - Circulate</i>	<i>10:45</i>	<i>11:00</i>	
<i>and work pipe</i>		<i>11:30</i>	<i>3/4</i>
<i>Drilling 8 3/4 Hole</i>	<i>11:30</i>	<i>12:00</i>	<i>1/2</i>

DRILL PIPE SIZE	TYPE	TOTAL NO. OF JOINTS	DATE LAST SONOSCOPIED	FOOTAGE DRILLED SINCE LAST SONOSCOPIED	TOTAL FOOTAGE DRILLED	LAST CALIPER DATE	RESULTS	CODE LETTER OF STRING
B.O.P.'S TESTED		ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.

TOOLPUSHER *J. Macer*
APPROVED BY *R. Hable*

DAY WORK RECORD

TOOLPUSHER L. Hancock

DAY WORK RECORD

MANUFACTURER			TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE		WELL NAME		LOCATION		SEC.	TWP.	RGE.	PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.																						
NO. 1			16		10 4		666		FEB 26, 72		O'Donoghue et al		3		1		63		8																					
NO. 2			14		10 4		666		RIG NO. 3		LOCATION LSD.		SEC. 1		TWP. 63		RGE. 8		DATE FEB 26, 72																					
EACH EMPLOYEE MUST SIGN THIS BOOK			TOUR NO. 1 MIDNIGHT TO 8 A.M.		HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF JOINTS		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS DEGREES		REMARKS		TIME	
DRILLER			10		1120 480		1580		1204		100.0		15-6 3/4		80.0		8		7454		92		7454		2995		2/12/72		1340		2		12 00		2 45		2 1/4			
DERRICK			10		10		94289 FT.		1		8 3/4		1-10		37221		X19		30		16 1/2		666		1580		914		21 1/4						12 00		2 45		2 1/4	
FLOOR			8		10		D.C.'S		59087 FT.																										12 00		2 45		2 1/4	
FLOOR			10		10		SUB		260 FT.		MUD		12 MID.		2 A.M.		4 A.M.		6 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS													
FLOOR			8		10		SUB		551 FT.		WEIGHT		8 3/8		8 3/8		8 3/8		8 3/8																					
FIREMAN							1		BIT OR C.B.		100 FT.		VISCOSITY								ADDITIVES																			
MECHANIC							1		909 FT.		PUMP PRESSURE		1000		1000		1200		1200																					
INJURIES							KELLY IN		2804 FT.		R.P.M. PUMP NO. 1																													
							TOTAL		1580 FT.		PUMP NO. 1 LINER SIZE		5 1/2		PUMP NO. 2 LINER SIZE		5 1/2																							
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		FROM		FOOTAGE		TOTAL DEPTH		HOURS ON BOTTOM		DRILL PIPE WEIGHT		NO. AND SIZE OF JOINTS		D.C. WEIGHT		TRIPS		NO OF LINES		TOTAL TON MILES		LINE CUT FEET		AT MILES		FEET LEFT ON SPOOL		DATE OF LAST CUT		AT SURVEYS DEGREES		REMARKS		TIME			
DRILLER			8		1584		301		1881		6 3/4		106		5-6 3/4		80		8		92		7454		2995		2/12/72		1750		3/4		8 00		8 15		1 1/4			
DERRICK			8		13		STANDS		12274 FT.		1		8 3/4		1-10		37221		X10-25-36		100-120		666		1881		1215		28				RUN		8 15		12 15		1 1/4	
FLOOR			8		1		SINGLES		31.64 FT.																										12 30		1 15		3/4	
FLOOR			8		20		D.C.'S		39087 FT.																										1 15		1 30		1/2	
FLOOR			8		1		SUB		260 FT.		MUD		8 A.M.		10 A.M.		12 NOON		2 P.M.		WATER LOSS		FILTER CAKE		PH		GENERAL REMARKS								1 30		2 00		1 1/2	
FLOOR			8		2		SUB		551 FT.		WEIGHT		8.9		8.9		8.9		8.9																2 00		2 30		1 1/2	
FIREMAN							1		BIT OR C.B.		1.00 FT.		VISCOSITY								ADDITIVES														2 30		2 45		1 1/2	
MECHANIC							1		SHOCK		9.09 FT.		PUMP PRESSURE		1200		1400		1400																					

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			DATE <u>FEB 25, 72</u>		WELL NAME <u>ATKINSON HILL ETAL</u>		DATE <u>FEB 25, 72</u>		REPORT NO. <u>7</u>											
MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		RIG NO. <u>3</u>		LOCATION LSD. <u>SEC. 1 TWP. 63 RGE.</u>											
TOUR NO. 1 MIDNIGHT TO 8 A.M.			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES	REMARKS	TIME	INT VAL
NO. 1	EMSCO	D500	16																	
NO. 2	Wilson		14																	
EACH EMPLOYEE MUST SIGN THIS BOOK																				
TOUR NO. 1 MIDNIGHT TO 8 A.M.																				
DRILLER	Mitch Boychuk	8																		
DERRICK	D MCKENZIE	8																		
FLOOR	D Shewchuk	8																		
FLOOR	G Sage	8																		
FLOOR	R Simpson	8																		
FIREMAN																				
MECHANIC																				
INJURIES																				
TOUR NO. 2 8 A.M. TO 4 P.M.																				
DRILLER	E. HANNEM	8																		
DERRICK	W. LEE	8																		
FLOOR	R. BABALA	8																		
FLOOR	D. BABALA	8																		
FLOOR	F. BLAIR	8																		
FIREMAN																				
MECHANIC																				
INJURIES																				
TOUR NO. 3 4 P.M. TO MIDNIGHT																				
DRILLER	J. Halabisky	8																		
DERRICK	H. Lewis	8																		
FLOOR	H. Davies	8																		
FLOOR	R. Girard	8																		
FLOOR	B. Ackerman	8																		
FIREMAN																				
MECHANIC																				
INJURIES																				
TOUR NO. 4 8 P.M. TO MIDNIGHT																				
DRILLER																				
DERRICK																				
FLOOR																				
FLOOR																				
FLOOR																				
FIREMAN																				
MECHANIC																				
INJURIES																				
TOUR NO. 5 12 A.M. TO 8 A.M.																				
DRILLER																				
DERRICK																				
FLOOR																				
FLOOR																				
FLOOR																				
FIREMAN																				
MECHANIC																				
INJURIES																				

REGENT DRILLING LIMITED

DAY WORK RECORD

V

PUMPS			DATE		WELL NAME		DATE		REPORT NO.	
MANUFACTURER	TYPE	STROKE LENGTH								
NO. 1			LAST CASING SIZE		LAST CASING SET AT		RIG NO.		LOCATION LSD. SEC. TWP. RGE.	
NO. 2			10 3/4		6 1/2		3		1 63 63	
EACH EMPLOYEE MUST SIGN THIS BOOK			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS										
DRILLER	M. Tab Baychul	12	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
DERRICK	D. McKenzie	12	STANDS	FT.						
FLOOR	N. Shewchuk	12	SINGLES	FT.						
FLOOR	G. Sage	12	D.C.'S	FT.						
FLOOR	R. Simpson	12	SUB	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS
FIREMAN			SUB	FT.	WEIGHT					PH
MECHANIC			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
INJURIES			KELLY IN	FT.	PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER	E. HANNEM	8								
DERRICK	W. LEE	8	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR	R. BABALA	8	STANDS	FT.						
FLOOR	D. BABALA	8	SINGLES	FT.						
FLOOR	E. BLAIR	8	D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	8 A.M.	10 A.M.	12 NOON	2 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER	J. Holabisky	11								
DERRICK	H. Lewis	11	NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR	H. Davies	11	STANDS	FT.						
FLOOR	R. Girard	11	SINGLES	FT.						
FLOOR	B. Dickerman	11	D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 4 12 A.M. TO 8 A.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 5 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 6 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 7 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 8 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 9 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 10 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 11 8 A.M. TO 4 P.M. HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS
					PUMP NO. 1					
					PUMP NO. 2					
					PUMP NO. 1 LINER SIZE					
					PUMP NO. 2 LINER SIZE					
TOUR NO. 12 4 P.M. TO MIDNIGHT HOURS			FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS
DRILLER										
DERRICK			NO.	DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT
FLOOR			STANDS	FT.						
FLOOR			SINGLES	FT.						
FLOOR			D.C.'S	FT.						
FIREMAN			SUB	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS
MECHANIC			SUB	FT.	WEIGHT					PH
INJURIES			BIT OR C.B.	FT.	VISCOSITY					GENERAL REMARKS

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS

MANUFACTURER	TYPE	STROKE LENGTH
NO. 1 <i>Emaco</i>	<i>D500</i>	<i>16</i>
NO. 2 <i>Emaco</i>	<i>R14</i>	<i>14</i>

LAST CASING SIZE LAST CASING SET AT

DATE *FEB 23, 22*

WELL NAME *ATKINSON HELMET ETAL*
LAND RIVER

DATE *FEB 23, 22* REPORT NO. *5*

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

EACH EMPLOYEE MUST SIGN THIS BOOK
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS

EACH EMPLOYEE MUST SIGN THIS BOOK		FROM	FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS	DEGREES				
TOUR NO: 1 MIDNIGHT TO 8 A.M.		HOURS	4631359	502	2		10x64 60M				7454	92	7454	2995	FEB 21						
DRILLER	Mitch Baychuk	8	NO.	DRILLING STRING		BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDITION
DERRICK	D. McKENZIE	8		STANDS		FT.	#2	15 RT	OSC2	OSC3	30	100	463	502	39	2					
FLOOR	N. Shewchuk	8	1	SINGLES	3165	FT.															
FLOOR	R. Girard	8	15	D.C.'S	44272	FT.															
FLOOR	D. Simpson	8	2	SUB	551	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS						
FIREMAN			1	SUB	260	FT.	WEIGHT								Top TANK FUEL 5"						
MECHANIC			1	BIT OR C.B.	100	FT.	VISCOSITY	54			54	ADDITIVES	GEL 10 SK	REPLACE POP on D-500							
INJURIES						FT.	PUMP PRESSURE				300										
						FT.	R.P.M. PUMP NO.1				60										
						FT.	R.P.M. PUMP NO.2				60										
						FT.	PUMP NO. 1 LINER SIZE	PUMP NO. 2 LINER SIZE													
			TOTAL	502.00		FT.															

REGENT DRILLING LIMITED

DAY WORK RECORD

DATE FEB 22 72 REPORT NO. 4

WELL NAME ATKINSON HELMET ETAL
LAND RIVER

PLEASE SHOW FOOTAGE MADE WHILE
"CONTROL DRILLING" AS WELL AS HOURS
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE <u>FEB 22 72</u>		RIG NO. <u>3</u>		LOCATION LSD.		SEC.	TWP.	RGE.	REMARKS										TIME		
TOUR NO. 1 MIDNIGHT TO 8 A.M.			HOURS		FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	START	STOP	INT VAL							
DRILLER <u>Mitch Baychuk</u>			8		6009208		25865	7 3/4		30					7454	92	7454	2995	FEB 22 72	138		3 1/2	Boulder & Lost mud pump			7:00	7:30	7 1/2				
DERRICK <u>D McKenzie</u>			8		STANDS		FT.			OSC 3	R.T.				0	258		7 3/4					Totco			7:30	7:45	1/4				
FLOOR <u>DI Shewchuk</u>			8		SINGLES		FT.																Drill					8				
FLOOR <u>G SAGE</u>			8		D.C.'S		208	53																								
FLOOR <u>R Simpson</u>			8		1 SUB		260	FT.	MUD	12 MID.	2 A.M.	4 A.M.	6 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS															
FIREMAN			8		2 SUB		551	FT.	WEIGHT	3													Top Fuel Tank 25									
MECHANIC			8		1 BIT OR C.B.		1.00	FT.	VISCOSITY	30	35	45	41	ADDITIVES																		
INJURIES			8		1 KELLY IN		41.00	FT.	PUMP NO. 1					SANDUST 10 SK																		
			8						PUMP NO. 2				GEL 40 SK																			
TOTAL			8		258.65		FT.		PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2																				
TOUR NO. 2 8 A.M. TO 4 P.M.			HOURS		FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	REMARKS									
DRILLER <u>E HANNEM</u>			8		258		105	363	7	57	2 1/4			8	7454	92	7454	2995	FEB 22 72	350		4	Drilling Hold up on wt. Boulders			1:00	1:15	5				
DERRICK <u>W LEE</u>			8		STANDS		FT.			P. Tip OSC 3	10-25	90	0	363	363	14 1/2							work pipe in Tight hole			1:15	1:30	1/4				
FLOOR <u>P. BABALA</u>			8		SINGLES		FT.																Drilling Hole taking mud			1:30	1:45	1/4				
FLOOR <u>D. BABALA</u>			8		11 D.C.'S		324	82															Hole Tight, circ. Both			2:00	2:15	1/4				
FLOOR <u>E BLAIR</u>			8		2 SUB S		5.51	FT.	WEIGHT														Pumps Below survey			2:15	2:30	1/4				
FIREMAN			8		BIT OR C.B.		1.00	FT.	VISCOSITY	36	39	36	39	ADDITIVES										Held up on wt. To bring hole Back			2:30	2:45	1/4			
MECHANIC			8		BIT SUB		2.60	FT.	PUMP NO. 1					GEL 40 SK										Drilling			2:45	3:00	1/4			
INJURIES			8		KELLY IN		30.00	FT.	PUMP NO. 2					Liner 25"													3:00	3:15	1/4			
TOTAL			8		363		FT.		PUMP NO. 1 LINER SIZE		PUMP NO. 2 LINER SIZE																					
TOUR NO. 3 4 P.M. TO MIDNIGHT			HOURS		FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT	SURVEYS	DEGREES	REMARKS									
DRILLER <u>J. Halabisky</u>			8		363		100	463	5 1/4	10-3/4	16	100		8		92	7454	2995	22/2/72	450		3 1/4	Drilling Surface Hole			4:00	4:15	3/4				
DERRICK <u>H. Lewis</u>			8		STANDS		FT.			1A	15"	-	RETIP	16C3	15/25	90	0	464	464	19 3/4				Inter. Tight hole on Conn.			4:15	4:30	1/4			
FLOOR <u>H. David</u>			8		SINGLES		FT.																Drilling Surface Hole			5:00	5:15	1/2				
FLOOR <u>R. David</u>			8		14 D.C.'S		413	02															Circ. - Work pipe & survey			9:30	10:00	1/2				
FLOOR <u>B. Ackerman</u>			8		2 SUB X0		5.51	FT.	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	WATER LOSS	FILTER CAKE	PH	GENERAL REMARKS										Circulate to clean hole			10:00	10:30	1/4
FIREMAN			8		1 SUB 8 1/2		2.60	FT.	WEIGHT														Hole to change bit			10:30	11:00	1/2				
MECHANIC			8		1 BIT OR C.B.		1.00	FT.	VISCOSITY	33	40	48	52	ADDITIVES																		
INJURIES			8		KELLY IN		42.00	FT.	PUMP NO. 1					GEL 41 SK																		
			8						PUMP NO. 2				SANDUST 10 SK																			
TOTAL			8		463.13		FT.		PUMP NO. 1 LINER SIZE	5 1/2	PUMP NO. 2 LINER SIZE	5 1/2																				
DRILL PIPE SIZE			TYPE		TOTAL NO. OF JOINTS		DATE/LAST SONOSCOPED		FOOTAGE DRILLED SINCE LAST SONOSCOPED		TOTAL FOOTAGE DRILLED		LAST CALIPER DATE		RESULTS		CODE LETTER OF STRING		TOOLPUSHER <u>L. H. H. H.</u>										APPROVED BY			
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.																							

REGENT DRILLING LIMITED

DAY WORK RECORD

PUMPS			MANUFACTURER		TYPE	STROKE LENGTH	LAST CASING SIZE		LAST CASING SET AT		DATE	WELL NAME	LOCATION	SEC.	TWP.	RGE.	DATE	REPORT NO.			
TOUR NO. 1			NO. 1								FEB 21, 72	ATKINSON HELMET ETAL	11, 15th RD RIVER				FEB 21, 72	05			
TOUR NO. 2			NO. 2																		
EACH EMPLOYEE MUST SIGN THIS BOOK			FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
TOUR NO. 1 MIDNIGHT TO 8 A.M. HOURS			NO.		DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
DRILLER			M. B. B. B. B.		12																
DERRICK			D. MCKENZIE		8																
FLOOR			N. SHEWCHUK		8																
FLOOR			G. SAGE		8																
FLOOR			R. SIMPSON		8																
FIREMAN																					
MECHANIC																					
INJURIES																					
TOTAL																					
TOUR NO. 2			FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
TOUR NO. 2 8 A.M. TO 4 P.M. HOURS			NO.		DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
DRILLER			E. HANNEM		8																
DERRICK			W. LEE		8																
FLOOR			P. BABALA		8																
FLOOR			D. BABALA		8																
FLOOR			E. BLAIR		8																
FIREMAN																					
MECHANIC																					
INJURIES																					
TOTAL																					
TOUR NO. 3			FROM		FOOTAGE	TOTAL DEPTH	HOURS ON BOTTOM	DRILL PIPE WEIGHT	NO. AND SIZE OF D.C.'S	D.C. WEIGHT	TRIPS	NO OF LINES	TOTAL TON MILES	LINE CUT FEET	AT MILES	FEET LEFT ON SPOOL	DATE OF LAST CUT	AT SURVEYS DEGREES			
TOUR NO. 3 4 P.M. TO MIDNIGHT HOURS			NO.		DRILLING STRING	BITS RUN NO.	SIZE	NOZZLE SIZE	SERIAL NO.	TYPE	WEIGHT	RPM	FOOTAGE FROM	FOOTAGE TO	FOOTAGE	HOURS	CORED FROM	CORED TO	REAMED FROM	REAMED TO	CONDIT-ION
DRILLER			J. HALABISBY		8																
DERRICK			D. LEWIS		8																
FLOOR			H. DAVIES		8																
FLOOR			R. GIRARD		8																
FLOOR			B. ACKERMAN		8																
FIREMAN																					
MECHANIC																					
INJURIES																					
TOTAL																					
DRILL PIPE SIZE			TYPE		TOTAL NO. OF JOINTS	DATE LAST SONOSCOPE		FOOTAGE DRILLED SINCE LAST SONOSCOPE		TOTAL FOOTAGE DRILLED		LAST CALIPER DATE		RESULTS		CODE LETTER OF STRING					
B.O.P.'S TESTED			ELAPSED TIME		PRESSURE		RESULTS		TOTCO RING ON BIT NO.												

PLEASE SHOW FOOTAGE MADE WHILE "CONTROL DRILLING" AS WELL AS HOURS AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

REMARKS: Rigging up mouse hole + Rat hole Slip & Cut 92 FEET LINE

TIME: START 1200 STOP 800 INT VAL 8

REMARKS: Rig up To Spud in 8'w Spud in, mix mud 4'w 8

REMARKS: Drill surface hole - (boulders) 4'w 12'w 8

TOOLPUSHER: M. Marshall

APPROVED BY:

107

60° 40'

60° 30'

121° 15'

121° 00'

TROUT LAKE

LINE AP-8

LINE AP-12

LINE AP-13

LINE AP-14

LINE AP-7

LINE AP-6

LINE AP-5

BASE LINE

34th

PROPOSED LOCATION
192-671-545

RGE 17

73 DOME
TROUT LAKE

3-12 SHELL #1 of
TETCHO

AMOCO
UNION
330-08

M

P

I-02

A

U17

U28

U29

U30

U31

U32

U33

U34

U35

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U334

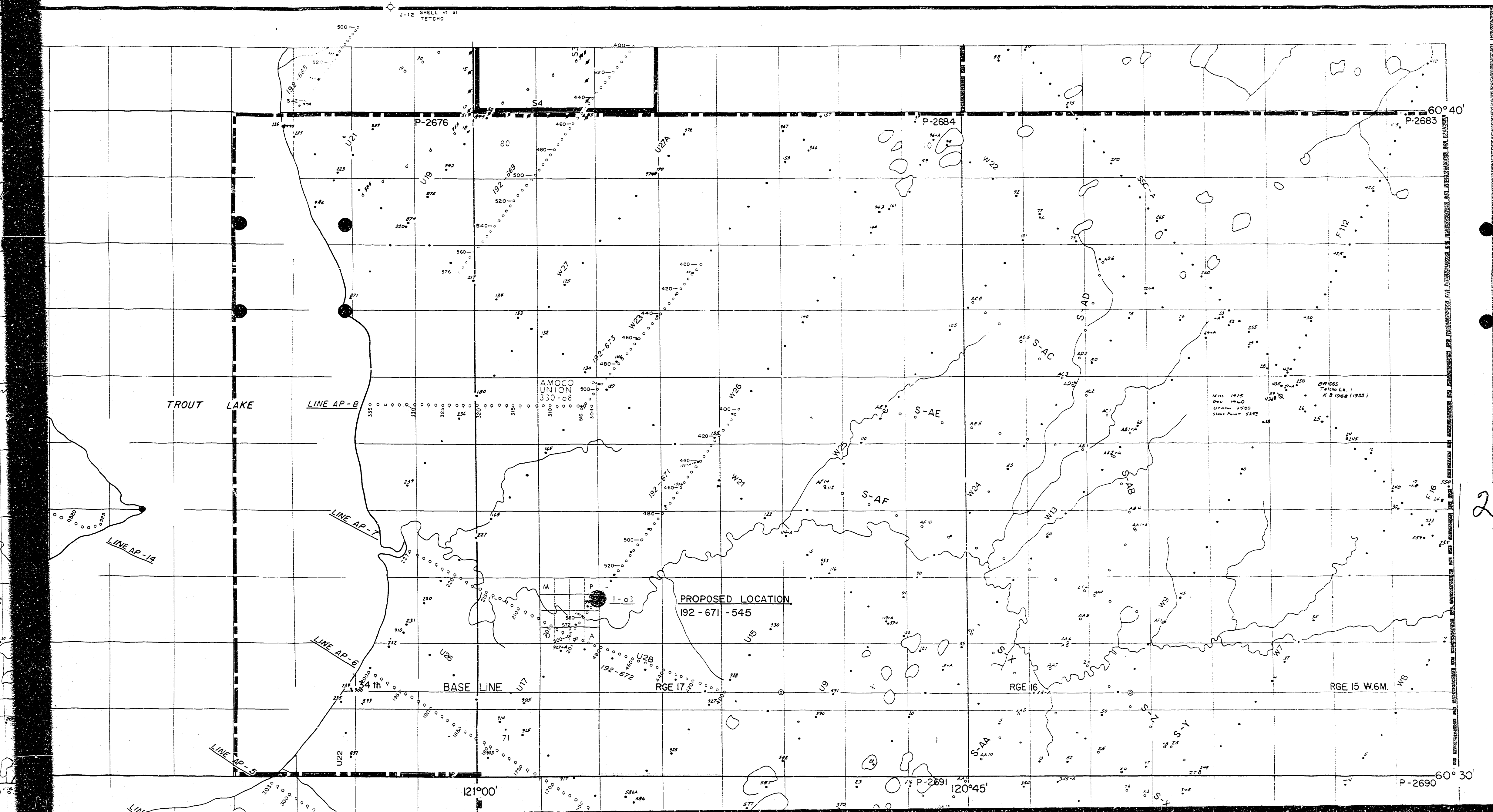
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U336

U337

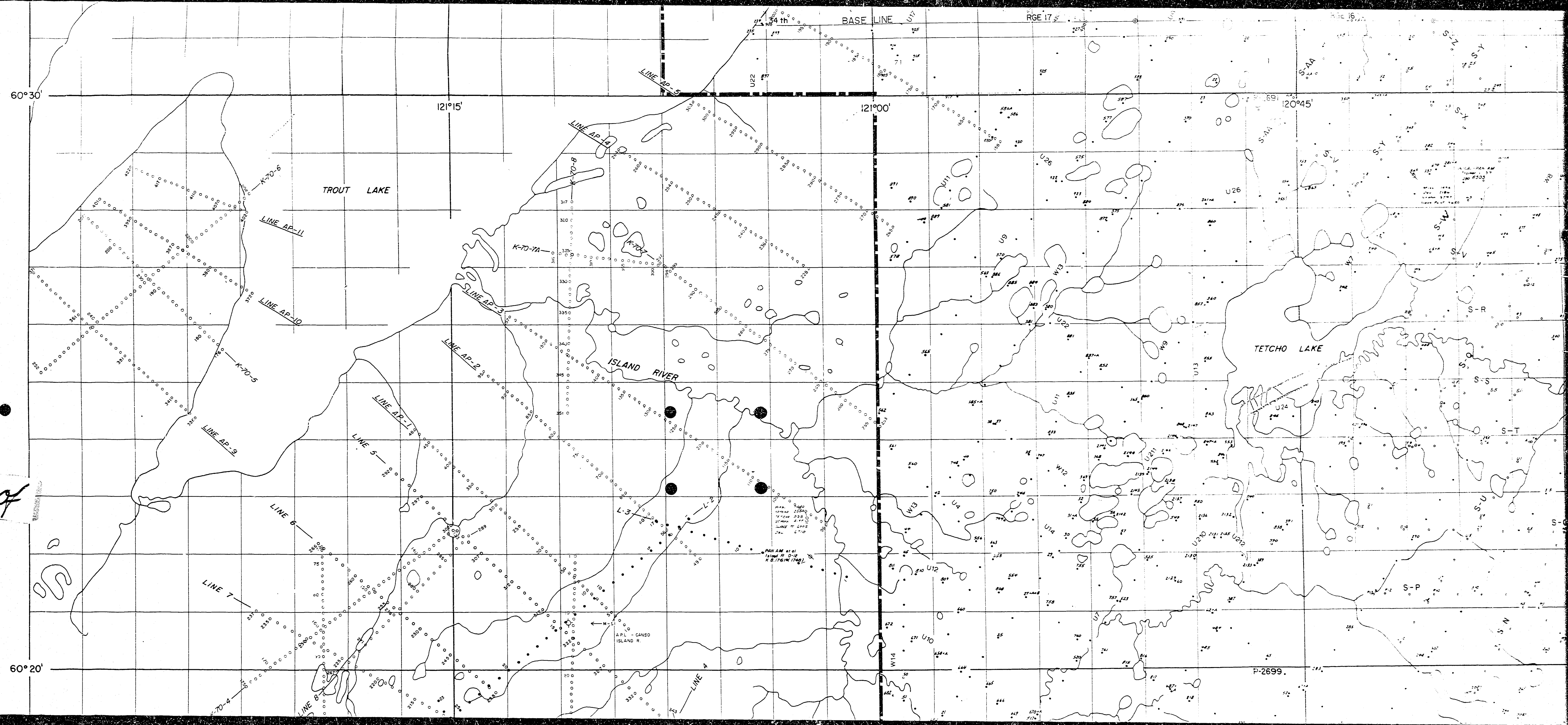
U338

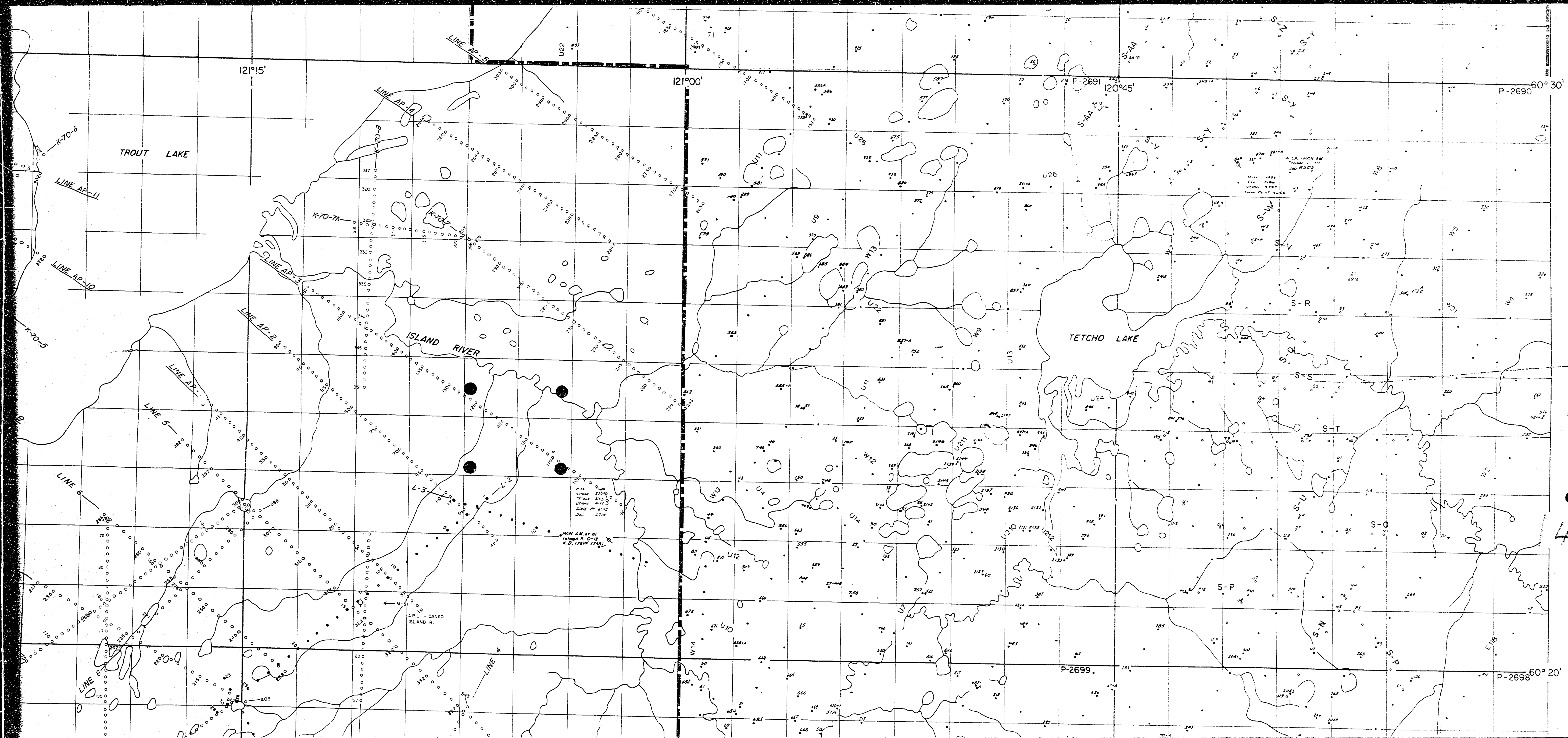
J-12 SHELL #1 of TETCHO



2 of

3 of





60° 20'

K-70-4

LINE 8

K-70-1

LINE 4

W14

P-2699

K-70-2

K-70-3

K-70-1

W10

P-2700

S-AM

S-AN

S-AO

P-2709

S-AR

RIVER

W-50-N

5 of

60° 10'

H.B. PETITOT
C-60

G-42

A.P.L. - UN
ISLAND R.

W7

W8

W9

W10

W11

W12

W13

W14

W15

W16

W17

W18

W19

W20

W21

W22

W23

W24

W25

W26

W27

W28

W29

W30

W31

W32

W33

W34

W-50-Y

W-50-Z

W-50-A

W-50-B

W-50-C

W-50-D

W-50-E

W-50-F

W-50-G

W-50-H

W-50-I

W-50-J

W-50-K

W-50-L

W-50-M

W-50-N

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W-50-P

W-50-Q

W-50-R

W-50-S

W-50-T

W-50-U

W-50-V

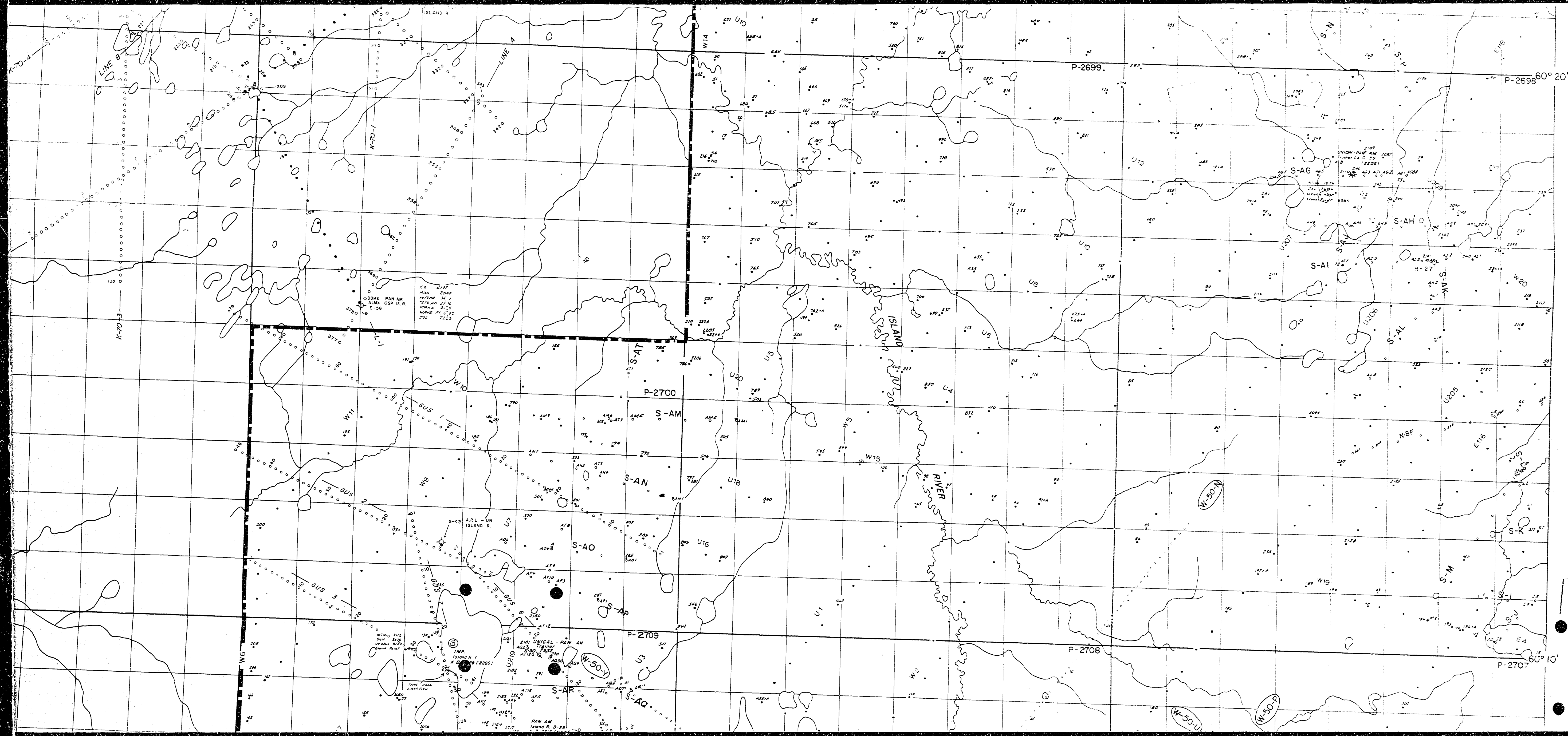
W-50-W

W-50-X

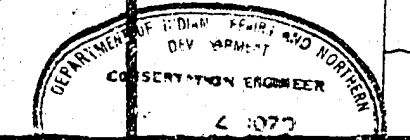
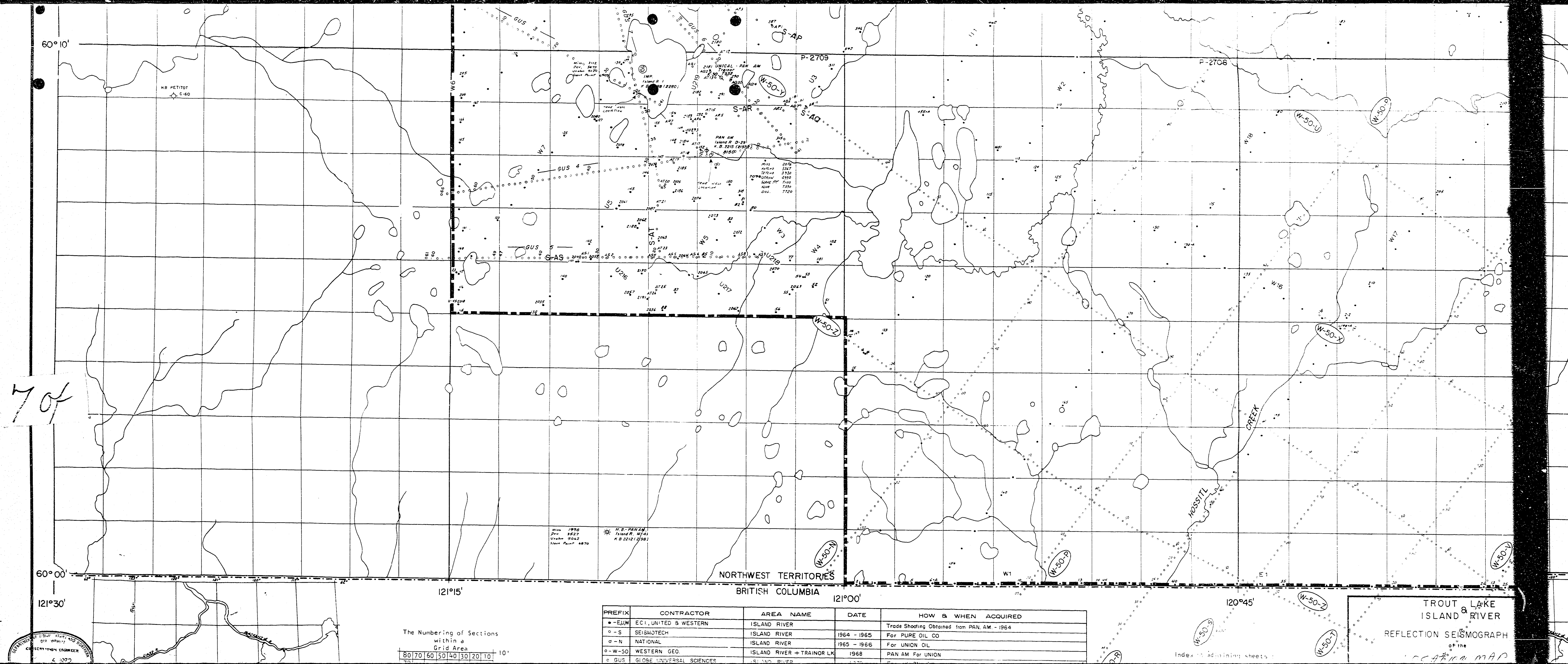
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W-50-A



7 of

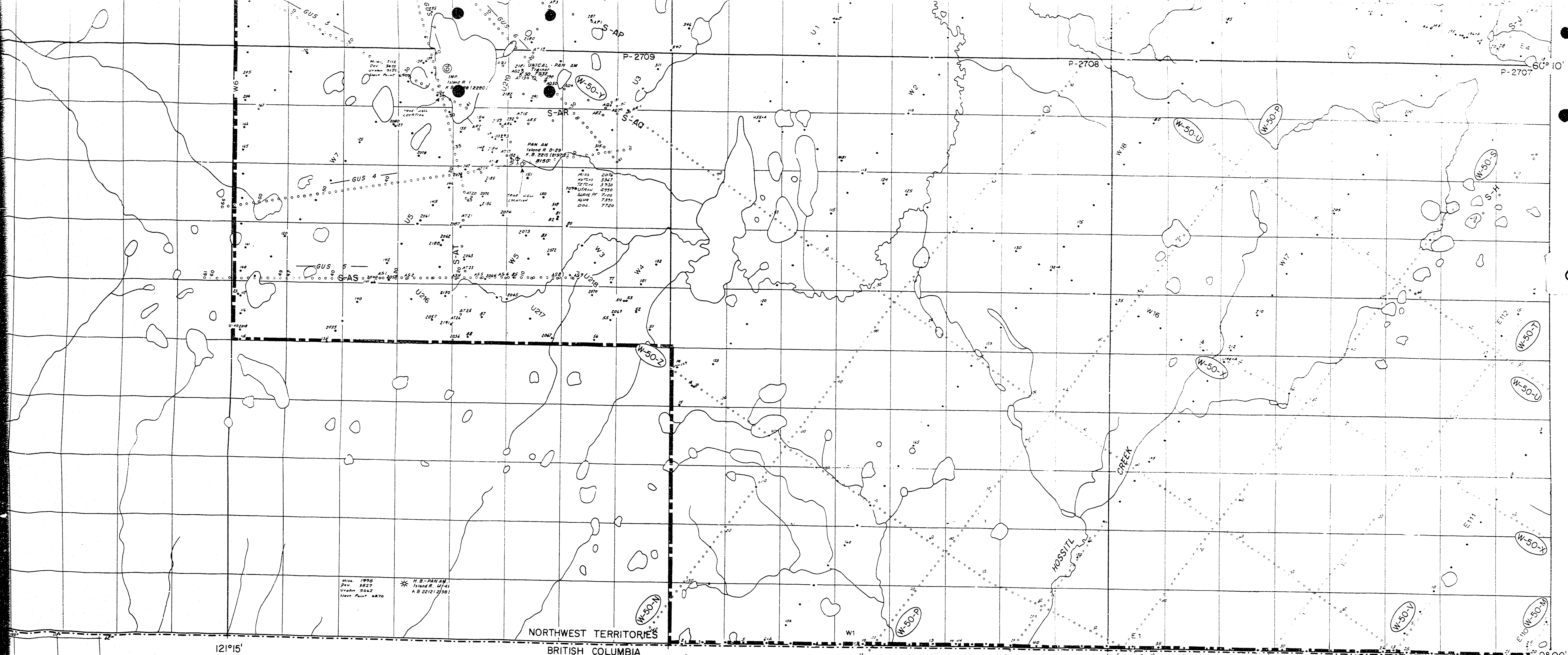


The Numbering of Sections within a Grid Area

80	70	60	50	40	30	20	10
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PREFIX	CONTRACTOR	AREA NAME	DATE	HOW & WHEN ACQUIRED
• -EJW	ECI, UNITED & WESTERN	ISLAND RIVER		Trade Shading Obtained from PAN, AM. - 1964
• -S	SEISMOTECH	ISLAND RIVER	1964 - 1965	For PURE OIL CO
• -N	NATIONAL	ISLAND RIVER	1965 - 1966	For UNION OIL
• -W-50	WESTERN GEO.	ISLAND RIVER + TRINOR LK	1968	PAN AM For UNION
• GUS	GLOBE UNIVERSAL SCIENCES	ISLAND RIVER		

TROUT LAKE
ISLAND RIVER
REFLECTION SEISMOGRAPH
of the
CANADIAN MAP



8 of

The Numbering of Sections within a Grid Area

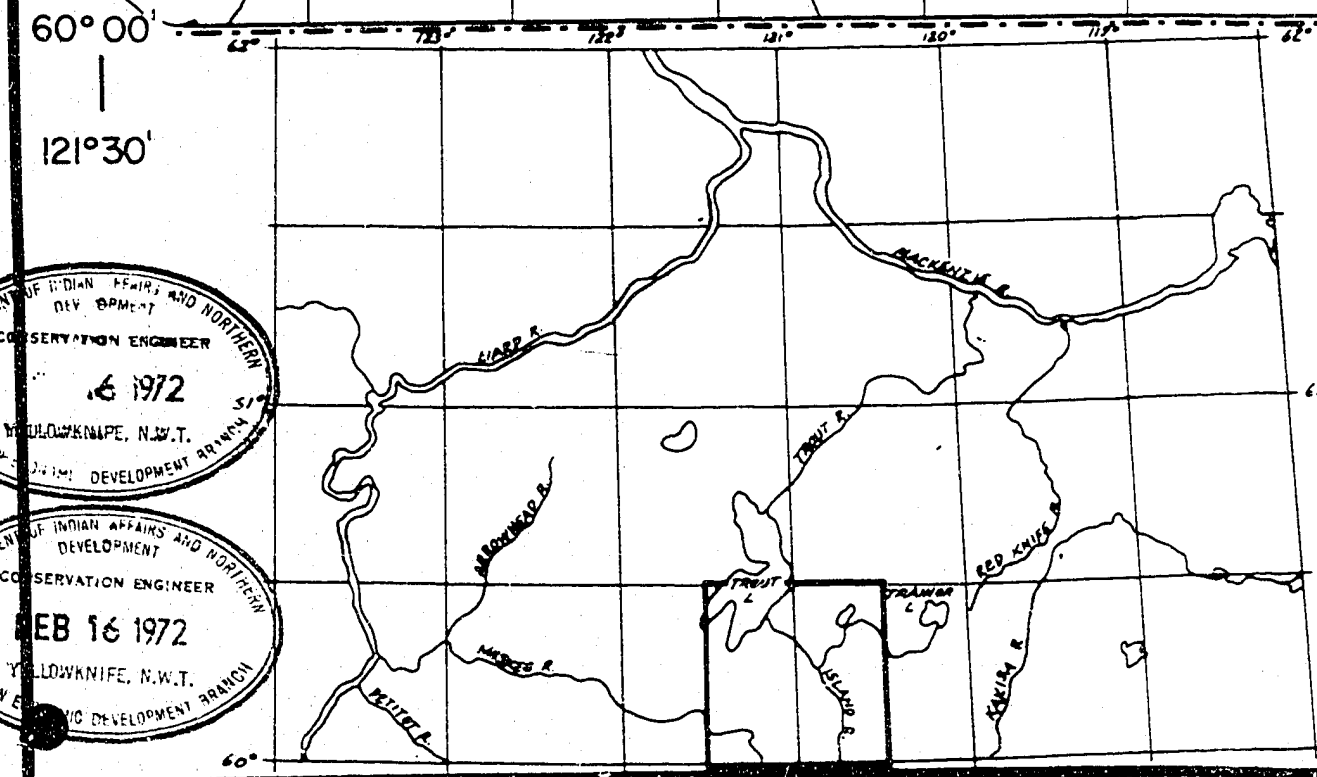
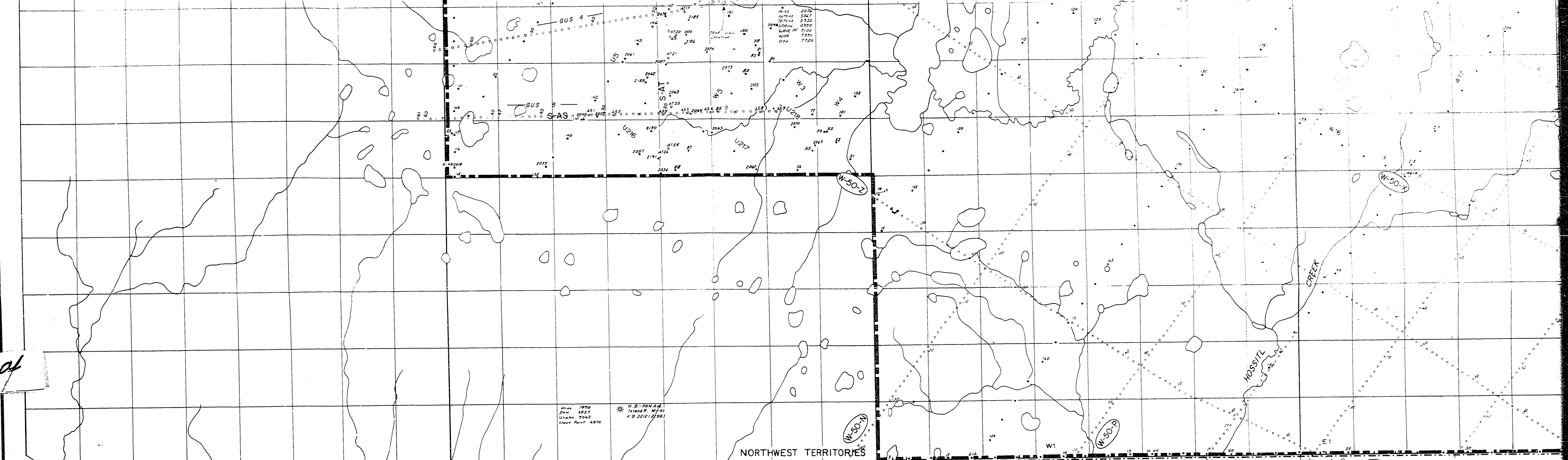
80	70	60	50	40	30	20	10
79							

PREFIX	CONTRACTOR	AREA NAME	DATE	HOW & WHEN ACQUIRED
•-EJW	ECI, UNITED & WESTERN	ISLAND RIVER		Trade Shooting Obtained from PAN. AM. - 1964
•-S	SEISMOTECH	ISLAND RIVER	1964 - 1965	For PURE OIL CO
•-N	NATIONAL	ISLAND RIVER	1965 - 1966	For UNION OIL
•-W-50	WESTERN GEO.	ISLAND RIVER + TRINOR LK	1968	PAN AM For UNION
• GUS	GLOBE UNIVERSAL SCIENCES	ISLAND RIVER		

TROUT LAKE ISLAND RIVER
REFLECTION SEISMOGRAPH MAP
of the
156464 03712

Index adjoining sheets:

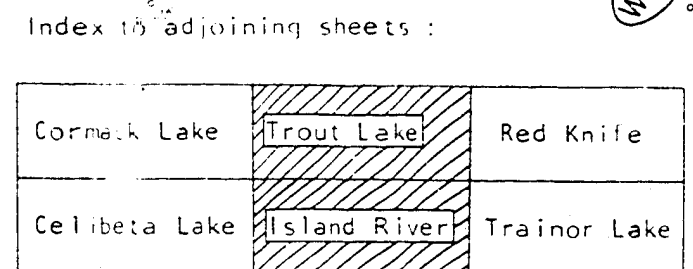
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The Numbering of Sections within a Grid Area

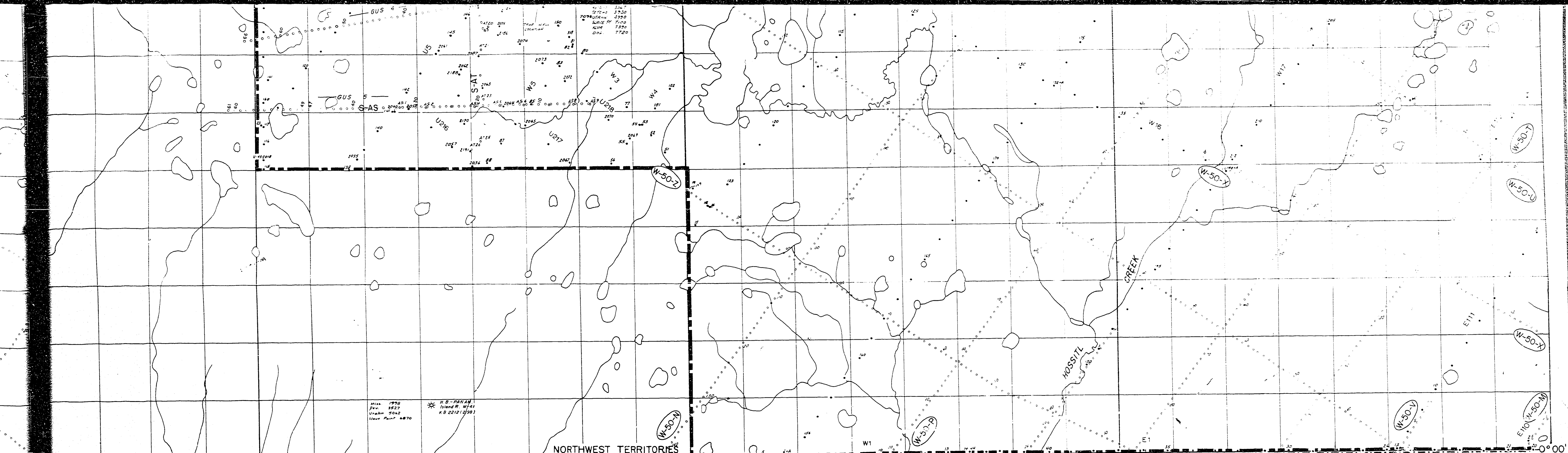
80	70	60	50	40	30	20	10
79							9
78							8
77							7
76							6
75							5
74							4
73							3
72							2
71	61	51	41	31	21	11	1

PREFIX	CONTRACTOR	AREA NAME	DATE	HOW & WHEN ACQUIRED
•-EJW	ECI, UNITED & WESTERN	ISLAND RIVER		Trade Shooting Obtained from PAN. AM. - 1964
•-S	SEISMOTEC	ISLAND RIVER	1964 - 1965	For PURE OIL CO
•-N	NATIONAL	ISLAND RIVER	1965 - 1966	For UNION OIL
•-W-50	WESTERN GEO	ISLAND RIVER + TRINOR LK	1968	PAN AM For UNION
• GUS	GLOBE UNIVERSAL SCIENCES	ISLAND RIVER	1970	For UNION OIL
•	WESTERN GEO	TROUT LAKE	JULY 1969	For CANADA SOUTHERN
•	UNITED	TROUT LAKE	MARCH 1970	For CANADA SOUTHERN
•	K- KENTING	TROUT LAKE	DEC. 70/JAN. 71	For APL
•-192	EXPLORATION DATA EXCHANGE	TETCHO LAKE	NOV. 1971	For APL
•	TELEDYNE	TROUT LAKE	DEC. 71/JAN. 72	For APL



TROUT LAKE
ISLAND RIVER
REFLECTION SEISMOGRAPH
LOCATION MAP
ATKINSON PETROLEUM
VYE EXPLORATION
D
C
S

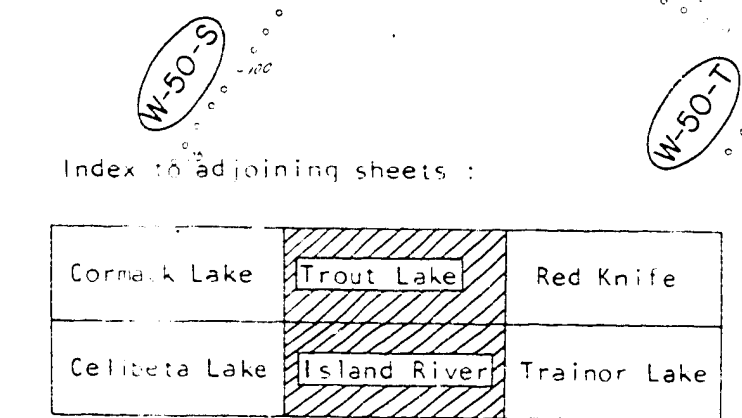
DATUM:
SCALE: 1" = 1 MILE
DATE:



The Numbering of Sections within a Grid Area

80	70	60	50	40	30	20	10	0
79								9
78								8
77								7
76								6
75								5
74								4
73								3
72								2
71	61	51	41	31	21	11	1	0

PREFIX	CONTRACTOR	AREA NAME	DATE	HOW & WHEN ACQUIRED
•-EJW	ECI, UNITED & WESTERN	ISLAND RIVER		Trade Shooting Obtained from PAN. AM. - 1964
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•	WESTERN GEO	TROUT LAKE	JULY 1969	For CANADA SOUTHERN
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•-192	EXPLORATION DATA EXCHANGE	TETCHO LAKE	NOV. 1971	For APL
•	TELEDYNE	TROUT LAKE	DEC. 71/JAN. 72	For APL



TROUT LAKE
ISLAND RIVER
REFLECTION SEISMOGRAPH MAP
of the
LOCATION MAP
ATKINSON'S HELMET
ISLAND RIVER
ATKINSON PETROLEUMS LTD.
by
VYE EXPLORATION CO. LTD.
DATUM: DATUM VELOCITY:
SCALE: 1" = 1 MILE CONTOUR INTERVAL:
DATE: SEISMOLOGIST:

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CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
21/3/72											
Plug 1	5980'	6160'	120 sax. Felt @ 5953'				N/A				N/A
Plug 2	5425'	5625'	130 sax. Felt @ 5420'								
Plug 3	615'	715'	90 sax. Felt @ 597'								
Plug 4	Surface		+ 3% CaCl ₂ 5 sax.								
Weld on plate & erect marker											

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	I.F.B.H.P.	F.F.B.H.P.	L.H.P.	F.H.P.	REMARKS
1	11/3/72	Slave Pt.	5529'	5640'	60	60	120	1838	1805	218	230	2675	2652	Recovered 450' mud
2	14/3/72	Keg River	6015'	6090'	N/A	N/A	N/A	2350	N/A	N/A	N/A	2760	2750	Recovered 800' drilling mud Only recorded on Preflow. Tool plug Fair air blow throughout 10 minute preflow. No blow when tool opened.
3	19/3/72	Granite Wash	6238'	6300'	30	30	60	2410	2250	30	110	2700	2680	Recovered 70' water cut drilling mud Partially plugging (lightly) Bottom Hole Temperature 199°
(Pressures Reported are Field Readings)														

ANALYSIS						PRESENT STATUS OF WELL				
Lab. No.	Sample	From	To	Source	Remarks	Oil		(Interval.)	Company	
									Signed by	G. M. Doyle
						Gas		(Interval.)	Title	Secretary
						Dry	X		Date	August 29, 1972
						Susp.				

Forms to be prepared in duplicate and forwarded to the Oil
Conservation Engineer, Calgary, Alberta.