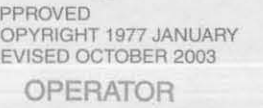
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APPROVED
COPYRIGHT 1977 JANUARY
REVISED OCTOBER 2003

OPERATOR

LICENCE NO.		WELL NAME & NO.		CONTRACTOR NAME		UNIQUE ID		DAILY CHECKS		YEAR MONTH DAY		LAST CASING TUBING OR LINER		O.D. (mm)		M.N.D. (mm)		lgth		MAKE		GRADE		NO. OF JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		TIME																																																													
OPERATOR		K-29 A		AKITA Drilling LTD		AKITA Drilling LTD		(1) Daily Walk Around Inspection (2) Detailed Inspection - Weekly (Using Check List) (3) H2S Signs Posted if Required (4) Well Licence & Stock Diagram Posted (5) Flare Lines Checked (6) BOP Drills Performed (7) Visually Inspect BOPs - Flare Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (one/one/month) (9) CAADC Rig Safety Inspection Checklist (one/one/month) (10) Mast Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Kites Checked		2005 08 11		FUEL @ 08:00 HRS																																																																																			
SURFACE LOCATION																																																																																															
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER																																																																																											
MORN 1400																																TOTAL 14100		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD		MORNING TOUR		MUD RECORD		METRES DRILLED		TIME LOG		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS		MORNING TOUR		FROM		TO		INJURIES		CREW		SOC INS. NO.		NAME		HRS		YES		NO																											
1400																																14100		BIT NO.		O.D.		SIZE		TIME		MUD TYPE		FROM		TO		D-R-C		RPM		WOB		FROM		TO		ELAPSED TIME		CODE		1		Pull Rope Through Blocks, prepare To String Them		1		Run Power & Potent Cables, Rig in Accumulator Lines		String Blocks		Start all three Generators		Function Test all adjusters shakers, correct		Raise Derrick		Driller		Brian Hyatt (DR)		14		AK		AK									
1400																																14100		VAC CODE		MANUFACTURER		TYPE		SERIAL NO.		JETS		DEPTH OUT		DEPTH IN		TOTAL M DRILLED		TOTAL HRS RUN		CUTTING STRUCTURE		Ti To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN MHR		HOURS RUN		INTAKE DENSITY (KG/M3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		REDUCED PUMP SPEED		DEVIATION SURVEYS		DEPTH (M)		DEVIATION		DIRECTION		NOTES		SPECIAL EVENT		TIME / DEPTH		SAFETY TOPIC		MSE		MACP		Driller		Brian Hyatt (DR)		14		AK		AK	
1400																																14100		D.P.		STANDS		D.P.		SINGLES		HOLE DRAG		TORQUE AT BOTTOM		FILL ON BOTTOM (M)		MUD MATERIALS ADDED		PRODUCT		AMOUNT		UNIT		HOURS RUN		INTAKE DENSITY (KG/M3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		REDUCED PUMP SPEED		DEVIATION SURVEYS		DEPTH (M)		DEVIATION		DIRECTION		NOTES		SPECIAL EVENT		TIME / DEPTH		SAFETY TOPIC		MSE		MACP		Driller		Brian Hyatt (DR)		14		AK		AK	
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1400																																14100		D.P.		STANDS																																																											



Well Name & No. K-29A

Operator: Bermont

Contractor Name: Akita Drilling Ltd

Unique ID: 58

Drilling Crew Payroll Data

Well Name & No.	Year	Month	Day
K-29A	2005	08	10

Operator: Dave Lauck

Rig Manager: Dave Lauck

Rig No: 58

Province: NWT

Camp: YES

Rig Safety Days: NO

Drilling Crew Payroll Data

Crew	SOC INS. NO.	Name	Hrs	Yes	No
Driller		Brian Kott (DR)	12		BN
Derrickhand		Shaun Watson	12		SL
Motorhand		Greg ST. ARNAUD	12		CS
Floorhand		Pat Miller	12		JM

Rate Schedule: REGULAR

Crew Safety Days: NO

Drivers: NO

Evening Tour

Crew	SOC INS. NO.	Name	Hrs	Yes	No
Driller		Allan Le Koch	12		AL
Derrickhand		Vigil Nanganabeking	12		VN
Motorhand		Kevin Lauck (DR)	12		KL
Floorhand		Maise Punch	12		MP
Floorhand		Johnathan Green	12		SG
Leasehand		Brian Tulian	12		BS

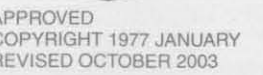
Rate Schedule: REGULAR

Crew Safety Days: NO

Drivers: NO

197007

SPUD DATE		TIME	
RIG RELEASE		TIME	
WELL TYPE		RE-ENTRY	
OPERATORS A/E			
KELLY BSHG		OP FUEL	
CONTRACTORS JOB NUM			
TOUR SHEET SERIAL NUM			
VENDOR SOFTWARE VERSION			



OPERATOR

DRILLING CREW PAYROLL DATA				
WELL NAME & NO.		YEAR	MONTH	DAY
K-29 A		2005	08	09
OPERATOR		CONTRACTOR NAME		
Farmont		Akita Drilling LTD		
RIG MANAGER 1		RIG NO.		
Dave Lauck		58		
PROVINCE	CAMP	☒ YES	☐ NO	RIG SAFETY DAYS
NEUT				

MORNING TOUR		FROM	TO	INJURIES	
CREW	SOC INS. NO.	NAME	HRS	YES	NO
Driller		Allen Lickox	12		AL
Derrickhand		Vigil Wangmanwetung	12		WV
Motorman		*Kevin Lauck (DA)	12		KL
Floorhand		Mose Panch	12		MP
Floorhand		Tehmathan Green	12		TG
Leasehand		Brian Julian	12		BJ
RATE SCHEDULE	☒	REGULAR		REPAIR	INVERT
CREW SAFETY DAYS		DRIVERS			

DAY TOUR		FROM	TO		INJURIES	
CREW	SOC INS. NO.	NAME	HRS	YES	NO	
Driller	[REDACTED]	Brian WYATT (DR)	82		BW	
Derrickman	[REDACTED]	Shawn Watson	12		SW	
Motorman	[REDACTED]	Greg ST. ARNAUD	12		G.S	
Floorhand	[REDACTED]	Justin Miller	12		JM	
Floor Hand	[REDACTED]					
	[REDACTED]					
	[REDACTED]					
	[REDACTED]					
	[REDACTED]					
	[REDACTED]					
RATE SCHEDULE		REGULAR		REPAIR	INVERT	
CREW SAFETY DAYS		DRIVERS				

[illegible]

197006

OPERATOR

197005

[illegible]

No.

DAILY DRILLING REPORT REPORT No.

LEASE						WELL No.		WELL NUMBER K-29 E		WATER DEPTH		DATE 05 08 13 Yr. Mo. Day	
OPERATOR PARMONT						CONTRACTOR AKITA Drilling LTD						RIG No. 58	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>						SIGNATURE OF CONTRACTOR'S RIG MANAGER							
D.P. SIZE	kg/m	GRADE	TOOL JT O.D.	TYPE THREAD	STRING No.	PUMP No.	PUMP MANUFACTURER			TYPE		STROKE LENGTH	

TIME DISTRIBUTION - HOURS			
CODE No.	OPERATION	FIRST TOUR	SECOND TOUR
1.	RIG UP AND TEAR DOWN	7.75	
2.	DRILL ACTUAL		
3.	REAMING		
4.	CORING		
5.	CONDITION MUD & CIRCULATE		
6.	TRIPS		
7.	LUBRICATE RIG		
8.	REPAIR RIG		
9.	CUT OFF DRILLING LINE		
10.	DEVIATION SURVEY		
11.	WIRE LINE LOGS		
12.	RUN CASING & CEMENT		
13.	WAIT ON CEMENT		
14.	NIPPLE UP B.O.P.		
15.	TEST B.O.P.		
16.	DRILL STEM TEST		
17.	PLUG BACK		
18.	SQUEEZE CEMENT		
19.	FISHING		
20.	DIR. WORK		
21.	Safety meet .25		
22.			
23.			

No.	DRILLING ASSEMBLY (at end of tour)		BIT RECORD				MUD RECORD			
	BIT	m	BIT No.			TIME				
			SIZE			DENSITY kg/m ³				
	STB RMR OD	m	MFG.			PRESSURE GRADIENT				
	D.C. ID OD	m	TYPE			VISCOSITY				
	STB RMR OD	m	JETS mm			PV mPas YP Pa	/ /	/ /	/ /	
	D.C. ID OD	m	SER No.			GEL STR. Pa	/ /	/ /	/ /	
	STB RMR OD	m	DEPTH OUT			WATER LOSS cm ³				
			DEPTH IN			pH				
			TOTAL METRES DRILLED			SOLIDS %				
			TOTAL HRS. RUN							
	STANDS DP	m	COND. 1/8"s T/B/GAGE			MUD & CHEMICALS ADDED				
	SINGLES DP	m	FLOW RATE m ³ /min	/	/	TYPE	AMT. kg	TYPE	AMT. kg	
	KELLY DOWN	m	PRESSURE DROP kPa							
	TOTAL	m								
	(FORCE) WT. OF STRING	daN								
REMARKS										
DRILLER <i>[Signature]</i>										

No.	DRILLING ASSEMBLY (at end of tour)		BIT RECORD				MUD RECORD			
	BIT	m	BIT No.			TIME				
			SIZE			DENSITY kg/m ³				
	STB RMR OD	m	MFG.			PRESSURE GRADIENT				
	D.C. ID OD	m	TYPE			VISCOSITY				
	STB RMR OD	m	JETS mm			PV mPas YP Pa	/ /	/ /	/ /	
	D.C. ID OD	m	SER No.			GEL STR. Pa	/ /	/ /	/ /	
	STB RMR OD	m	DEPTH OUT			WATER LOSS cm ³				
			DEPTH IN			pH				
			TOTAL METRES DRILLED			SOLIDS %				
			TOTAL HRS. RUN							
	STANDS DP	m	COND. 1/8"s T/B/GAGE			MUD & CHEMICALS ADDED				
	SINGLES DP	m	FLOW RATE m ³ /min	/	/	TYPE	AMT. kg	TYPE	AMT. kg	
	KELLY DOWN	m	PRESSURE DROP kPa							
	TOTAL	m								
	(FORCE) WT. OF STRING	daN								
REMARKS										
TOTAL DAY WORK										
No. OF DAYS FROM SPUD CUMULATIVE ROTATING HRS.										
TOTAL MUD COST										

COMPLETION	
A.	PERF'R'T'N
B.	TBG TRIPS
C.	TREATING
D.	SWABBING
E.	TESTING
F.	ADDIT'N'L
G.	
TOTALS	
DAY WORK TIME SUMMARY (OFFICE USE ONLY)	
HRS. W/CONTR. D.P.	
HRS. W/OPR. D.P.	
HRS. WO/DP	
HRS. STANDBY	

FIRST TOUR

SECOND TOUR

LEGEND

All lengths expressed in metres to two decimal places.

flow rate = cubic metre per minute (m^3/min)
 pressure gradient = kilopascal per metre (kPa/m)
 yield point = pascal (Pa)
 plastic viscosity = millipascal second ($\text{mPa}\cdot\text{s}$)
 gel strength = pascal (Pa)
 work completed by wire line = megajoule (MJ)
 inside diameter and outside diameter = millimetre
 pump pressure = kilopascal (kPa)

Metric expressions:

mud density = kilogram per cubic metre (kg/m³)
 pump-stroke length = millimetre (mm)
 weight of string = decanewton (daN)
 weight on bit: indicator will record decanewton
 linear mass = kilogram per metre (kg/m)
 viscosity = second per litre (s/L)

<u>E.R.C.B.</u>	<u>OPR.</u>	<u>R.M.</u>	<u>R.M.</u>
(1) Daily Walk Around Inspection	Initial _____	Initial _____	(1) Rig Site Health and Safety Meeting (one meeting/crew/month) Initial _____
(2) Detailed Inspection-Weekly (using check list)	Initial _____	Initial _____	(2) C.A.O.D.C. Rig Safety Inspection Check List (one/rig/month) Initial _____
(3) H/S Signs Posted (if required)	Initial _____	Initial _____	(3) Mast Inspected Before Raising or Lowering Initial _____

LEGAL LAND DESCRIPTION										WIRE LINE RECORD			REEL No.
LAST CASING TUBING OR LINER	OUTSIDE DIAMETER	INSIDE DIAMETER	MAKE	kg/m	GRADE	No. JOINTS	TOTAL LENGTH	RKB. TO CSG. HD.	SET AT	SIZE	No. LINES	METRES SLIPPED	
											METRES CUT OFF		PRESENT LENGTH
											MEGAJOULES SINCE LAST CUT		
											CUMULATIVE MEGAJOULES		

METRES DRILLED		DR., D RM. R CORE. C	CORE No.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	(FORCE) WT. ON BIT daN	PUMP PRESS	PUMP No.		PUMP No.		METHOD RUN
FROM	TO							LINER SIZE	STROKES per min	LINER SIZE	STROKES per min	
						REDUCED PUMP SPEED						

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

[illegible]

METRES DRILLED		DR. D RM. R CORE. C	CORE No.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	(FORCE) WT. ON BIT daN	PUMP PRESS	PUMP No.		PUMP No.		METHOD RUN
								LINER SIZE	STROKES per min	LINER SIZE	STROKES per min	SGL - S PAR'EL - P COM'D - C
						REDUCED PUMP SPEED						

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

[illegible]

DRILLING CREW PAYROLL DATA

No.

DATE 05 08 13
Year Month Day

PROVINCE NWT

WELL NAME & No. K-29

CAMP ✓ NONCAMP

COMPANY

RIG MANAGER Donna Larch

RIG No. 58

FIRST TOUR 00:00 TO 12:00							INJURIES	
CREW	SOC. INS. No.		NAME	HRS.		YES	NO	
DRILLER	115	882	276	Brian WYATT (JR)	8		☒	
DERRICKMAN	550	764	160	Shaun WATSON	8		☒	
MOTORMAN	640	809	638	Greg ST. ARNAUD	8		☒	
FLOORMAN	646	567	776	Kevin LAUCK (JM)	8		☒	
FLOORMAN	638	990	531	Justin Miller	8		☒	
FLOORMAN								
LEASEMAN								
CRANE SUPT.								
MECHANIC								
WELDER								
ROUSTABOUT								
ROUSTABOUT								
TRAINEE								
DERRICKMAN (2)								
No. OF DAYS _____	SINCE LAST LOST TIME ACCIDENT							

SECOND TOUR 12:00 TO 24:00							INJURIES	
CREW	SOC. INS. No.		NAME	HRS.		YES	NO	
DRILLER								
DERRICKMAN								
MOTORMAN								
FLOORMAN								
FLOORMAN								
FLOORMAN								
LEASEMAN								
CRANE SUPT.								
MECHANIC								
WELDER								
ROUSTABOUT								
ROUSTABOUT								
TRAINEE								
DERRICKMAN (2)								

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT



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