

Well Name & No: Anadarko Arrowhead K-35

Operator: ANADARKO CANADA CORP

Contractor Name: AKITA DRILLING LTD

Surface Location: 60 34 38 10 N 122 51 47 W

Signature of Operator's Representative: BRIAN PREECE

Signature of Contractor's Rig Manager: ROLF REULE

Daily Checks: (1) Daily Walk Around Inspection, (2) Detailed Inspection Weekly (Using Check List), (3) H2S Signs Present & Readable, (4) Well License & Back Diagram Present, (5) Flare Lines Readable, (6) ROP Daily Performed, (7) Visually Inspect BOPs, Flare Lines & Degasser Lines, (8) Rig Site Health & Safety Meeting (announced/unannounced), (9) CAODC Rig Safety Inspection Checklist (announced/unannounced), (10) Visual Inspection before Raising or Lowering, (11) Crown Saver Checked, (12) Motor Kils Checked

Log Data: 2004, MONTH 2, DAY 28, LAST CASING TUBING OR LINER, 244.5, 224.4, 59.50, 177.8, 159.4, 38.70, TENARIS, L80, 50, 653.00, 595.00, 653.00, 171, 2441.37, 5.95, 2439.52

Drilling Crew Payroll Data: WELL NAME & NO, YEAR, MONTH, DAY, OPERATOR, CONTRACTOR NAME, RIG NO, PROVIDE, CAMP, YES, NO, RIG SAFETY DAYS

Morning Tour: 0800 to 1600, Evening Tour: 1600 to 2400

Time Log: DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

Rate Schedule: REGULAR, REPAIR, INVERT

Crew Safety Days: DRIVERS

LICENCE NO: WELL NAME & NO: **Anadarko Arrowhead K-35**
 OPERATOR: **ANADARKO CANADA CORP** CONTRACTOR NAME: **AKITA DRILLING LTD**
 SURFACE LOCATION: **60 34 38 10 N 122 51 47 20** UNIQUE ID:
 SIGNATURE OF OPERATOR'S REPRESENTATIVE: **BRIAN PREECE** SIGNATURE OF CONTRACTOR'S RIG MANAGER: **ROLF REULE**
 DAILY CHECKS:
 (1) Daily Well Around Inspection
 (2) Detailed Inspection Weekly (Using Check List)
 (3) HSE Signs Posted & Required
 (4) Well Location & Stock Diagram Posted
 (5) Flow Lines Ruled
 (6) BOP Drills Performed
 (7) Visually Inspect BOPs, Flow Lines & Degasser Lines
 (8) Rig Size Health & Safety Meeting (and/or weekly)
 (9) CADC Rig Safety Inspection Checklist (and/or weekly)
 (10) Meet Inspection before Running or Lifting
 (11) Crown Saver Checked
 (12) Motor Run Checked



PASON DATAHUB

CODE NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
GROUP A	GROUP B	GROUP C	GROUP D	GROUP E	GROUP F	GROUP G	GROUP H	GROUP I	GROUP J	GROUP K	GROUP L	GROUP M	GROUP N	GROUP O	GROUP P	GROUP Q	GROUP R	GROUP S	GROUP T	GROUP U	GROUP V	GROUP W	GROUP X	GROUP Y	GROUP Z	GROUP AA	GROUP AB	GROUP AC	GROUP AD	GROUP AE	GROUP AF	GROUP AG	GROUP AH	GROUP AI	GROUP AJ	GROUP AK	GROUP AL	GROUP AM	GROUP AN	GROUP AO	GROUP AP	GROUP AQ	GROUP AR	GROUP AS	GROUP AT	GROUP AU	GROUP AV	GROUP AW	GROUP AX	GROUP AY	GROUP AZ	GROUP BA	GROUP BB	GROUP BC	GROUP BD	GROUP BE	GROUP BF	GROUP BG	GROUP BH	GROUP BI	GROUP BJ	GROUP BK	GROUP BL	GROUP BM	GROUP BN	GROUP BO	GROUP BP	GROUP BQ	GROUP BR	GROUP BS	GROUP BT	GROUP BU	GROUP BV	GROUP BW	GROUP BX	GROUP BY	GROUP BZ	GROUP CA	GROUP CB	GROUP CC	GROUP CD	GROUP CE	GROUP CF	GROUP CG	GROUP CH	GROUP CI	GROUP CJ	GROUP CK	GROUP CL	GROUP CM	GROUP CN	GROUP CO	GROUP CP	GROUP CQ	GROUP CR	GROUP CS	GROUP CT	GROUP CU	GROUP CV	GROUP CW	GROUP CX	GROUP CY	GROUP CZ	GROUP DA	GROUP DB	GROUP DC	GROUP DD	GROUP DE	GROUP DF	GROUP DG	GROUP DH	GROUP DI	GROUP DJ	GROUP DK	GROUP DL	GROUP DM	GROUP DN	GROUP DO	GROUP DP	GROUP DQ	GROUP DR	GROUP DS	GROUP DT	GROUP DU	GROUP DV	GROUP DW	GROUP DX	GROUP DY	GROUP DZ	GROUP EA	GROUP EB	GROUP EC	GROUP ED	GROUP EE	GROUP EF	GROUP EG	GROUP EH	GROUP EI	GROUP EJ	GROUP EK	GROUP EL	GROUP EM	GROUP EN	GROUP EO	GROUP EP	GROUP EQ	GROUP ER	GROUP ES	GROUP ET	GROUP EU	GROUP EV	GROUP EW	GROUP EX	GROUP EY	GROUP EZ	GROUP FA	GROUP FB	GROUP FC	GROUP FD	GROUP FE	GROUP FF	GROUP FG	GROUP FH	GROUP FI	GROUP FJ	GROUP FK	GROUP FL	GROUP FM	GROUP FN	GROUP FO	GROUP FP	GROUP FQ	GROUP FR	GROUP FS	GROUP FT	GROUP FU	GROUP FV	GROUP FW	GROUP FX	GROUP FY	GROUP FZ	GROUP GA	GROUP GB	GROUP GC	GROUP GD	GROUP GE	GROUP GF	GROUP GG	GROUP GH	GROUP GI	GROUP GJ	GROUP GK	GROUP GL	GROUP GM	GROUP GN	GROUP GO	GROUP GP	GROUP GQ	GROUP GR	GROUP GS	GROUP GT	GROUP GU	GROUP GV	GROUP GW	GROUP GX	GROUP GY	GROUP GZ	GROUP HA	GROUP HB	GROUP HC	GROUP HD	GROUP HE	GROUP HF	GROUP HG	GROUP HH	GROUP HI	GROUP HJ	GROUP HK	GROUP HL	GROUP HM	GROUP HN	GROUP HO	GROUP HP	GROUP HQ	GROUP HR	GROUP HS	GROUP HT	GROUP HU	GROUP HV	GROUP HW	GROUP HX	GROUP HY	GROUP HZ	GROUP IA	GROUP IB	GROUP IC	GROUP ID	GROUP IE	GROUP IF	GROUP IG	GROUP IH	GROUP II	GROUP IJ	GROUP IK	GROUP IL	GROUP IM	GROUP IN	GROUP IO	GROUP IP	GROUP IQ	GROUP IR	GROUP IS	GROUP IT	GROUP IU	GROUP IV	GROUP IW	GROUP IX	GROUP IY	GROUP IZ	GROUP JA	GROUP JB	GROUP JC	GROUP JD	GROUP JE	GROUP JF	GROUP JG	GROUP JH	GROUP JI	GROUP JJ	GROUP JK	GROUP JL	GROUP JM	GROUP JN	GROUP JO	GROUP JP	GROUP JQ	GROUP JR	GROUP JS	GROUP JT	GROUP JU	GROUP JV	GROUP JW	GROUP JX	GROUP JY	GROUP JZ	GROUP KA	GROUP KB	GROUP KC	GROUP KD	GROUP KE	GROUP KF	GROUP KG	GROUP KH	GROUP KI	GROUP KJ	GROUP KK	GROUP KL	GROUP KM	GROUP KN	GROUP KO	GROUP KP	GROUP KQ	GROUP KR	GROUP KS	GROUP KT	GROUP KU	GROUP KV	GROUP KW	GROUP KX	GROUP KY	GROUP KZ	GROUP LA	GROUP LB	GROUP LC	GROUP LD	GROUP LE	GROUP LF	GROUP LG	GROUP LH	GROUP LI	GROUP LJ	GROUP LK	GROUP LL	GROUP LM	GROUP LN	GROUP LO	GROUP LP	GROUP LQ	GROUP LR	GROUP LS	GROUP LT	GROUP LU	GROUP LV	GROUP LW	GROUP LX	GROUP LY	GROUP LZ	GROUP MA	GROUP MB	GROUP MC	GROUP MD	GROUP ME	GROUP MF	GROUP MG	GROUP MH	GROUP MI	GROUP MJ	GROUP MK	GROUP ML	GROUP MM	GROUP MN	GROUP MO	GROUP MP	GROUP MQ	GROUP MR	GROUP MS	GROUP MT	GROUP MU	GROUP MV	GROUP MW	GROUP MX	GROUP MY	GROUP MZ	GROUP NA	GROUP NB	GROUP NC	GROUP ND	GROUP NE	GROUP NF	GROUP NG	GROUP NH	GROUP NI	GROUP NJ	GROUP NK	GROUP NL	GROUP NM	GROUP NO	GROUP NP	GROUP NQ	GROUP NR	GROUP NS	GROUP NT	GROUP NU	GROUP NV	GROUP NW	GROUP NX	GROUP NY	GROUP NZ	GROUP OA	GROUP OB	GROUP OC	GROUP OD	GROUP OE	GROUP OF	GROUP OG	GROUP OH	GROUP OI	GROUP OJ	GROUP OK	GROUP OL	GROUP OM	GROUP ON	GROUP OO	GROUP OP	GROUP OQ	GROUP OR	GROUP OS	GROUP OT	GROUP OU	GROUP OV	GROUP OW	GROUP OX	GROUP OY	GROUP OZ	GROUP PA	GROUP PB	GROUP PC	GROUP PD	GROUP PE	GROUP PF	GROUP PG	GROUP PH	GROUP PI	GROUP PJ	GROUP PK	GROUP PL	GROUP PM	GROUP PN	GROUP PO	GROUP PP	GROUP PQ	GROUP PR	GROUP PS	GROUP PT	GROUP PU	GROUP PV	GROUP PW	GROUP PX	GROUP PY	GROUP PZ	GROUP QA	GROUP QB	GROUP QC	GROUP QD	GROUP QE	GROUP QF	GROUP QG	GROUP QH	GROUP QI	GROUP QJ	GROUP QK	GROUP QL	GROUP QM	GROUP QN	GROUP QO	GROUP QP	GROUP QQ	GROUP QR	GROUP QS	GROUP QT	GROUP QU	GROUP QV	GROUP QW	GROUP QX	GROUP QY	GROUP QZ	GROUP RA	GROUP RB	GROUP RC	GROUP RD	GROUP RE	GROUP RF	GROUP RG	GROUP RH	GROUP RI	GROUP RJ	GROUP RK	GROUP RL	GROUP RM	GROUP RN	GROUP RO	GROUP RP	GROUP RQ	GROUP RR	GROUP RS	GROUP RT	GROUP RU	GROUP RV	GROUP RW	GROUP RX	GROUP RY	GROUP RZ	GROUP SA	GROUP SB	GROUP SC	GROUP SD	GROUP SE	GROUP SF	GROUP SG	GROUP SH	GROUP SI	GROUP SJ	GROUP SK	GROUP SL	GROUP SM	GROUP SN	GROUP SO	GROUP SP	GROUP SQ	GROUP SR	GROUP SS	GROUP ST	GROUP SU	GROUP SV	GROUP SW	GROUP SX	GROUP SY	GROUP SZ	GROUP TA	GROUP TB	GROUP TC	GROUP TD	GROUP TE	GROUP TF	GROUP TG	GROUP TH	GROUP TI	GROUP TJ	GROUP TK	GROUP TL	GROUP TM	GROUP TN	GROUP TO	GROUP TP	GROUP TQ	GROUP TR	GROUP TS	GROUP TT	GROUP TU	GROUP TV	GROUP TW	GROUP TX	GROUP TY	GROUP TZ	GROUP UA	GROUP UB	GROUP UC	GROUP UD	GROUP UE	GROUP UF	GROUP UG	GROUP UH	GROUP UI	GROUP UJ	GROUP UK	GROUP UL	GROUP UM	GROUP UN	GROUP UO	GROUP UP	GROUP UQ	GROUP UR	GROUP US	GROUP UT	GROUP UY	GROUP UZ	GROUP VA	GROUP VB	GROUP VC	GROUP VD	GROUP VE	GROUP VF	GROUP VG	GROUP VH	GROUP VI	GROUP VJ	GROUP VK	GROUP VL	GROUP VM	GROUP VN	GROUP VO	GROUP VP	GROUP VQ	GROUP VR	GROUP VS	GROUP VT	GROUP VU	GROUP VV	GROUP VW	GROUP VX	GROUP VY	GROUP VZ	GROUP WA	GROUP WB	GROUP WC	GROUP WD	GROUP WE	GROUP WF	GROUP WG	GROUP WH	GROUP WI	GROUP WJ	GROUP WK	GROUP WL	GROUP WM	GROUP WN	GROUP WO	GROUP WP	GROUP WQ	GROUP WR	GROUP WS	GROUP WT	GROUP WU	GROUP WV	GROUP WW	GROUP WX	GROUP WY	GROUP WZ	GROUP XA	GROUP XB	GROUP XC	GROUP XD	GROUP XE	GROUP XF	GROUP XG	GROUP XH	GROUP XI	GROUP XJ	GROUP XK	GROUP XL	GROUP XM	GROUP XN	GROUP XO	GROUP XP	GROUP XQ	GROUP XR	GROUP XS	GROUP XT	GROUP XU	GROUP XV	GROUP XW	GROUP XX	GROUP XY	GROUP XZ	GROUP YA	GROUP YB	GROUP YC	GROUP YD	GROUP YE	GROUP YF	GROUP YG	GROUP YH	GROUP YI	GROUP YJ	GROUP YK	GROUP YL	GROUP YM	GROUP YN	GROUP YO	GROUP YP	GROUP YQ	GROUP YR	GROUP YS	GROUP YT	GROUP YU	GROUP YV	GROUP YW	GROUP YX	GROUP YY	GROUP YZ	GROUP ZA	GROUP ZB	GROUP ZC	GROUP ZD	GROUP ZE	GROUP ZF	GROUP ZG	GROUP ZH	GROUP ZI	GROUP ZJ	GROUP ZK	GROUP ZL	GROUP ZM	GROUP ZN	GROUP ZO	GROUP ZP	GROUP ZQ	GROUP ZR	GROUP ZS	GROUP ZT	GROUP ZU	GROUP ZV	GROUP ZW	GROUP ZX	GROUP ZY	GROUP ZZ

DRILLING CREW PAYROLL DATA									
WELL NAME & NO				YEAR	MONTH	DAY			
OPERATOR				CONTRACTOR NAME					
RIG MANAGER					RIG NO.				
PROVINCE				CAMP	YES	NO	RIG SAFETY DAYS		

BIT RECORD: BIT NO., SIZE, MDC CODE, MANUFACTURER, TYPE, SERIAL NO., JTS, DEPTH OUT (m), DEPTH IN (m), TOTAL DRILLED (m), TOTAL HRS RUN, CUTTING STRUCTURE (Ti, Tc, MDC, LOC, BRG, GAGE, ODC, REASON PULLED), TOTAL RUN (m), HOLE CONDITION, HOLE DRAG, TORQUE AT BOTTOM, FILL ON BOTTOM (m), WT OF D.C., WT OF STRING.
 MUD RECORD: MUD TYPE, WATER BASED, OIL BASED, DENSITY (kg/m3), FUNNEL VISCOSITY, FLUID LOSS (cm3), pH, MUD MATERIALS ADDED, SOLIDS CONTROL, CIRCULATION (PRESSURE, RPM, UNR SIZE, SPM), PUMP NO. 1, PUMP NO. 2, REDUCED PUMP SPEED, DEVIATION SURVEYS, DEPTH (m), DEVIATION, DIRECTION, BOILERS, HRS RUN, COOLER (PH), STACK TEMP, DRILLER SIGNATURE, SPECIAL EVENT, TIME / DEPTH.
 TIME LOG: FROM, TO, ELAPSED TIME, CODE, DETAILS OF OPERATIONS IN SEQUENCE & REMARKS.
 MORNING TOUR: 00:00 - 00:15 RIG SERVICE (function annular upper/lower pipe-runs); 00:15 - 00:30 WAIT ON POWER TONGS; 00:30 - 00:50 RUN TUBING.
 DAY TOUR: 00:00 - 00:15 RUN TUBING LATCH ONTO PACKER; 00:15 - 00:25 TEST ANNULUS AGAINST ON OFF SUB 10000 KPA OK; 00:25 - 00:30 UNLATCH DISPLACE HOLE TO INHIBITED WATER; 00:30 - 00:50 SPACE OUT INSTALL G PACK OFF 2 X SINGLES DOWN IN PUP JT; 00:50 - 01:00 LAND TUB HANGER SCREW IN THE DOWN BOLTS.
 EVENING TOUR: 00:00 - 00:15 TEST ANNULUS & HANGER TO 10000kpa, 15 MIN. LD SINGLE; 00:15 - 00:30 INSTALL BPV; 00:30 - 00:45 LD KELLY T/O BOP; 00:45 - 01:00 REMOVE FLOW NIPPLE AND FLOW LINE; 01:00 - 01:15 SPLIT B O P REMOVE HYDRIL AND DOUBLE GATE RAMS IN ONE PIECE; 01:15 - 01:30 AND LAY DOWN WITH THE HELP OF CHERRY PICKER FINISH RIG OUT; 01:30 - 01:45 BOPS REMOVE KILL LINE VALVES AND TURN BLOCKS.
 NOTES: FUNCTION CROWN SAVER / SWACO CHOKE; REVIEW J.S.A. 5 ON RIG CASING; BLOW BOLLER DOWN 2 X = 80 LITERS (each boiler); CHECK CROWN SAVER, SWACO CHOKE; REVIEW J.S.A.; BLEW BOLLER 80 LITERS EACH; REVIEW J.S.A. ON LDV B.O.P. / RIGGING OUT/CONFINED SPACE ENTRY; BLOW BOLLERS DOWN 2 X = 80 LITERS (each boiler).

RATE SCHEDULE: REGULAR, REPAIR, INVERT.
 CREW SAFETY DAYS: DRIVERS.

Well Name & No: Anadarko Arrowhead K-35

Operator: ANADARKO CANADA CORP

Contractor Name: AKITA DRILLING LTD

Surface Location: 60 34 38 10 N 122 51 47 W

Signature of Operator's Representative: BRIAN PREECE

Signature of Contractor's Rig Manager: ROLF REULE

Drilling Crew Payroll Data

Drilling Log

Drilling Crew Safety Days

Rate Schedule

Drillers: CURTIS VICKERS, GARY JESSOP

WELL NAME & NO
Anadarko Arrowhead K-35

OPERATOR
ANADARKO CANADA CORP

SURFACE LOCATION
60 34 38 10 N 122 51 47 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE
BRIAN PREECE

CONTRACTOR NAME
AKITA DRILLING LTD

UNIQUE ID

SIGNATURE OF CONTRACTOR'S RIG MANAGER
ROLF REULE

DATE
2004 02 28

TIME
18:00

SPUD DATE
2004/02/28

TIME
23:59

RIG RELEASE
2004/02/28

TIME
23:59

WELL TYPE
RE-ENTRY

OPERATOR'S AFE
KELLY BSHD

CONTRACTOR'S JOB NUM
TOUR SHEET SERIAL NUM

VENDOR SOFTWARE VERSION

DRILLING CREW PAYROLL DATA

WELL NAME & NO
YEAR
MONTH
DAY

OPERATOR
CONTRACTOR NAME

RIG MANAGER
RIG NO.

PROVINCE
CAMP
YES
NO
RIG SAFETY DAYS

MORNING TOUR
FROM: 0 TO 800

CREW
SOC INS. NO.
NAME
HRS
YES
NO

DAY TOUR
FROM: 800 TO 1600

CREW
SOC INS. NO.
NAME
HRS
YES
NO

EVENING TOUR
FROM: 1600 TO 2400

CREW
SOC INS. NO.
NAME
HRS
YES
NO

RATE SCHEDULE
REGULAR
REPAIR
INVERT

CREW SAFETY DAYS
DRIVERS

Form containing various sections: OPERATOR (ANADARKO CANADA CORP), CONTRACTOR NAME (AKITA DRILLING LTD), DAILY CHECKS, LOGS, and multiple tables for BIT RECORD, MUD RECORD, METRES DRILLED, and TIME LOG across Morning, Day, and Evening tours.



PASON DATAHUB



PASON DATAHUB

DRILLING CREW PAYROLL DATA									
WELL NAME & NO		YEAR		MONTH		DAY			
OPERATOR				CONTRACTOR NAME					
RIG MANAGER						RIG NO.			
PROVINCE				CAMP		YES		NO	
								RIG SAFETY DAYS	

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Form containing various sections: OPERATOR, CONTRACTOR NAME, DAILY CHECKS, RIG SPECIFICATIONS, LOGS, and PAYROLL DATA. Includes logos for ANADARKO, AKITA DRILLING LTD, and CAODC.

Well Name & No: Anadarko Arrowhead K-35
Operator: ANADARKO CANADA CORP
Contractor Name: AKITA DRILLING LTD
Signature of Operator's Representative: BRIAN PREECE
Signature of Contractor's Rig Manager: GARY FORTH
Daily Check: 1) Daily Well Around Inspection, 2) Detailed Inspection Weekly (Using Check List), 3) HSE Sign Placed & Reported, 4) Well License & Block Diagram Posted, 5) Flow Lines Inspected, 6) HSE Drills Performed, 7) Visually Inspect BOPs, Flow Lines & Degasser Lines, 8) Rig Site Health & Safety Meeting (each week/month), 9) CADC Rig Safety Inspection Checklist (each month), 10) Meet Inspection before Starting or Leaving, 11) Crown Block Checked, 12) Motor Kils Checked



PASON DATAHUB

Table with 26 columns: CODE, NO, GROUP, ACTUAL, CORING. Rows include MORN, DAY, EVE, TOTAL.

Table with 4 columns: WELL NAME & NO, YEAR, MONTH, DAY. Rows include WELL NAME & NO, YEAR, MONTH, DAY.

MORNING TOUR
BIT RECORD: 1. MOTOR, 2. DUMP SUB, 3. X/O FLOAT, 4. X/O, 5. HANG OFF COLLAR, 6. MONEL, 7. BYPASS SUB, 8. D.C., 9. STAB, 10. D.C., 11. JAR, 12. D.C., 13. H.W.D.P.
MUD RECORD: TIME 1000, DENSITY 1020, FUNNEL VISCOSITY 55, FLUID LOSS 9.0, PH 12.7, PVTMS 41.70.
METRES DRILLED: 1. 0-15, 2. 15-300, 3. 300-400, 4. 400-545, 5. 545-600, 6. 600-615, 7. 615-700, 8. 700-800.
TIME LOG: 0-15, 15-300, 300-400, 400-545, 545-600, 600-615, 615-700, 700-800.

Table with 4 columns: CREW, SOC INS. NO., NAME, HRS. Rows include CREW, SOC INS. NO., NAME, HRS.

DAY TOUR
BIT RECORD: 1. MOTOR, 2. DUMP SUB, 3. X/O FLOAT, 4. X/O, 5. HANG OFF COLLAR, 6. MONEL, 7. BYPASS SUB, 8. D.C., 9. STAB, 10. D.C., 11. JAR, 12. D.C., 13. H.W.D.P.
MUD RECORD: TIME 1200, DENSITY 1020, FUNNEL VISCOSITY 42, FLUID LOSS 11.0, PH 11.0, PVT 61.70.
METRES DRILLED: 1. 0-15, 2. 15-845, 3. 845-930, 4. 930-1130, 5. 1130-1445, 6. 1445-1515, 7. 1515-1600, 8. 1600-1800.
TIME LOG: 0-15, 15-845, 845-930, 930-1130, 1130-1445, 1445-1515, 1515-1600, 1600-1800.

Table with 4 columns: CREW, SOC INS. NO., NAME, HRS. Rows include CREW, SOC INS. NO., NAME, HRS.

EVENING TOUR
BIT RECORD: 1. MOTOR, 2. DUMP SUB, 3. X/O FLOAT, 4. X/O, 5. HANG OFF COLLAR, 6. MONEL, 7. BYPASS SUB, 8. D.C., 9. STAB, 10. D.C., 11. JAR, 12. D.C., 13. H.W.D.P.
MUD RECORD: TIME 1800, DENSITY 1020, FUNNEL VISCOSITY 42, FLUID LOSS 11.0, PH 11.0, PVT 70.30.
METRES DRILLED: 1. 0-15, 2. 15-2215, 3. 2215-2230, 4. 2230-2240, 5. 2240-2254, 6. 2254-2343.
TIME LOG: 0-15, 15-2215, 2215-2230, 2230-2240, 2240-2254, 2254-2343.

Table with 4 columns: CREW, SOC INS. NO., NAME, HRS. Rows include CREW, SOC INS. NO., NAME, HRS.

LICENCE NO WELL NAME & NO Anadarko Arrowhead K-35

OPERATOR ANADARKO CANADA CORP CONTRACTOR NAME AKITA DRILLING LTD

SURFACE LOCATION 60 34 38 10 N 122 51 47 20 SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN PREECE SIGNATURE OF CONTRACTOR'S RIG MANAGER GARY FORTH

DAILY CHECKS

YEAR 2004 MONTH 2 DAY 20

LAST CASING LOG NO 37

OD (mm) 244.5 224.4 59.50

WD (mm) 177.8 159.4 38.70

MASS (kg/m) 244.5 224.4 59.50

NAME TENARIS

GRADE L80 50 853 00 595 00 653 00

NO OF JOINTS 171 2441 37 5 95 2430 52

NO TO CSG HEAD

SET AT (m)

SPUD DATE 2004/02/07 TIME 16 00

RIG RELEASE 2004/02/28 TIME 23 59

WELL TYPE 1

RE-ENTRY

OPERATOR'S AFE

OP FUEL

CONTRACTOR'S JOB NUM

TOUR SHEET SERIAL NUM

VENDOR SOFTWARE VERSION

PASON DATAHUB

COCK NO

GROUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

CONC MUD & CIRC

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRILL LINE

DEV SURVEY

WIRELINE LOGS

RUN CPG & CEMENT

WAIT ON CEMENT

NEPUL UP & O.P.

TEST & O.P.

DRILL TEST

DRILL BACK

BOULEZ CEMENT

FISHING

DR WORK

SAFETY MEETING

RIG IN SPE

SHED RAN

TRANSFER PIPE

TOTALS

NO TYPE SWACO

TYPE

LOADER

MOON

DAY

EVE

WELL NAME & NO

YEAR

MONTH

DAY

OPERATOR

CONTRACTOR NAME

RIG MANAGER

RIG NO

PROVINCE

CAMP

YES

NO

RIG SAFETY DAYS

MORNING TOUR

FROM 0 TO 800

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DAY TOUR

FROM 800 TO 1500

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

EVENING TOUR

FROM 1600 TO 2400

INJURED

CREW

SOC INS. NO.

NAME

HRS

YES

NO

RATE SCHEDULE

REGULAR

REPAIR

INVERT

DRIVERS

CREW SAFETY DAYS

LICENCE NO WELL NAME & NO ANADARKO Arrowhead K-35 CONTRACTOR NAME AKITA DRILLING LTD OPERATOR ANADARKO CANADA CORP SURFACE LOCATION 60 34 38 10 N 122 51 47 20 SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN PREECE SIGNATURE OF CONTRACTOR'S RIG MANAGER GARY FORTH



PASON DATAHUB

Table with 26 columns: CODE NO, GROUP & TEARDOWN, DRILL ACTUAL, REAMING, CORING, CONDUIT & CIRC, TRIPS, RIG SERVICE, REPAIR RIG, CUT OFF DRILL LINE, DEVI SURVEY, WIRELINE LOGS, RUN CEMENT, WAIT ON CEMENT, HYPHLE UP B.O.P, TEST B.O.P, DRILL TEM TEST, PUMP BACK, ROUTE CEMENT, FISHING, DR WORK, SAFETY MEETING, PULL WARE, RUBBER RACK, TOTALS, NO. TYPE, TYPE, LOADER, MORN, DAY, EYE.

MORNING TOUR BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for MUD MATERIALS ADDED, SOLIDS CONTROL, CENTRIFUGE, REDUCED PUMP SPEED, DEVIATION SURVEYS, and BOILERS.

DAY TOUR BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for MUD MATERIALS ADDED, SOLIDS CONTROL, CENTRIFUGE, REDUCED PUMP SPEED, DEVIATION SURVEYS, and BOILERS.

EVENING TOUR BIT RECORD, MUD RECORD, METRES DRILLED, TIME LOG. Includes sections for MUD MATERIALS ADDED, SOLIDS CONTROL, CENTRIFUGE, REDUCED PUMP SPEED, DEVIATION SURVEYS, and BOILERS.

DRILLING CREW PAYROLL DATA. Includes fields for WELL NAME & NO, YEAR, MONTH, DAY, OPERATOR, CONTRACTOR NAME, RIG NO., PROVINCE, CAMP, YES, NO, RIG SAFETY DAYS.

MORNING TOUR. Table with columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes RATE SCHEDULE, CREW SAFETY DAYS, and DRIVERS.

DAY TOUR. Table with columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes RATE SCHEDULE, CREW SAFETY DAYS, and DRIVERS.

EVENING TOUR. Table with columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes RATE SCHEDULE, CREW SAFETY DAYS, and DRIVERS.

Well Name: Anadarko Arrowhead K-35

Operator: ANADARKO CANADA CORP

Contractor: AKITA DRILLING LTD

Surface Location: 60 34 38 10 N 122 51 47 W

Signature of Operator's Representative: BRIAN PREECE

Signature of Contractor's Rig Manager: GARY FORTH

Drilling Crew Payroll Data

Drilling Log

Drilling Parameters

Drilling Conditions

Drilling Equipment

Drilling Safety

Drilling Notes

Drilling Summary



DRILLING CREW PAYROLL DATA									
WELL NAME & NO				YEAR	MONTH	DAY			
OPERATOR				CONTRACTOR NAME					
RIG MANAGER							RIG NO		
PROVINCE				CAMP	YES	NO	RIG SAFETY DAYS		

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PASON DATAHUB

WELL NAME & NO				YEAR	MONTH	DAY
OPERATOR				CONTRACTOR NAME		
RIG MANAGER				RIG NO.		
PROVINCE				CAMP ☐ YES ☐ NO		RIG SAFETY DAYS

[illegible][illegible][illegible]

Form containing various sections: OPERATOR, CONTRACTOR NAME, DAILY CHECKS, LOG, TIME LOG, and multiple tables for recording data (e.g., LOG, TIME LOG, MUD RECORD, METRES DRILLED).



PASON DATAHUB

LICENCE NO WELL NAME & NO Anadarko Arrowhead K-35

OPERATOR ANADARKO CANADA CORP CONTRACTOR NAME AKITA DRILLING LTD

SURFACE LOCATION 60 34 38 10 N 122 51 47 20 SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN PREECE SIGNATURE OF CONTRACTOR'S RIG MANAGER DAN PERRY

DAILY CHECKS (1) Daily Walk Around Inspection (2) Drilling Inspection Weekly (Using Check List) (3) H2S Super Pocket (If Required) (4) Well License & Block Diagrams Printed (5) Flow Lines Checked (6) SCOP Drills Performed (7) Visually Inspect BOP's, Flow Lines & Discharge Lines (8) Rig Site Health & Safety Meeting (if applicable) (9) CAODC Rig Safety Inspection Checklist (if applicable) (10) H2S Inspector Initial Reading or Logging (11) Cross Beam Checked (12) Motor Kilo Checked

YEAR 2004 MONTH 2 DAY 14

LAST CASING TURNING OR LIFT 244 5 224 4 59 50

GRACE NO OF JOINTS TOTAL LENGTH 50 853.00 595.00 SET AT (ft) 853.00

SPUD DATE 2004/02/07 TIME 16:00

RIG RELEASE 2004/02/28 TIME 23:59

WELL TYPE RE-ENTRY

OPERATOR'S AFE

KELLY BIND

CONTRACTOR'S JOB NUM

TOUR SHEET SERIAL NUM

VEHICLE SOFTWARE VERSION

PASON DATAHUB

DRILLING CREW PAYROLL DATA

WELL NAME & NO YEAR MONTH DAY

OPERATOR CONTRACTOR NAME

RIG MANAGER RIG NO.

PROVINCE CAMP YES NO RIG SAFETY DAYS

MORNING TOUR FROM 0 TO 800

CREW SOC INS. NO. NAME HRS YES NO

DAY TOUR FROM 800 TO 1600

CREW SOC INS. NO. NAME HRS YES NO

EVENING TOUR FROM 1600 TO 2400

CREW SOC INS. NO. NAME HRS YES NO

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

Well Name: Anadarko Arrowhead K-35
Operator: ANADARKO CANADA CORP
Contractor Name: AKITA DRILLING LTD
Signature of Operator: BRIAN PREECE
Signature of Contractor: DAN PERRY



Table with 26 columns: CODE, NO, GROUP, ACTUAL, REMAINING, CORING, CONDUIT, TRIPS, NO SERVICE, REPAIR, SURVEY, DEVIATION, WIRELINE, RUN LOG, WAIT ON, HOLE UP, TEST, DRILLER, PUMP, MUD, FISHING, DRY WORK, SAFETY, MEETING, TOTALS, NO, TYPE, SCREEN, NEW, LOADER, MORNING, DAY, EYE.

Table with 2 columns: WELL NAME & NO, YEAR, MONTH, DAY. Includes fields for OPERATOR, CONTRACTOR NAME, RIG NO, PROVIDE, CAMP, YES, NO, RIG SAFETY DAYS.

MORNING TOUR section containing BIT RECORD, MUD RECORD, METRES DRILLED, and TIME LOG. Includes detailed data for roller reamer, square motor, and various fluid loss measurements.

Table with 2 columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes fields for RATE SCHEDULE, CREW SAFETY DAYS, and DRIVER.

DAY TOUR section containing BIT RECORD, MUD RECORD, METRES DRILLED, and TIME LOG. Includes detailed data for roller reamer, square motor, and various fluid loss measurements.

Table with 2 columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes fields for RATE SCHEDULE, CREW SAFETY DAYS, and DRIVER.

EVENING TOUR section containing BIT RECORD, MUD RECORD, METRES DRILLED, and TIME LOG. Includes detailed data for roller reamer, square motor, and various fluid loss measurements.

Table with 2 columns: CREW, SOC INS. NO., NAME, HRS, YES, NO. Includes fields for RATE SCHEDULE, CREW SAFETY DAYS, and DRIVER.



PASON DATAHUB

DRILLING CREW PAYROLL DATA				
WELL NAME & NO		YEAR	MONTH	DAY
OPERATOR		CONTRACTOR NAME		
RIG MANAGER			RIG NO	
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]



PASON DATAHUB

[illegible]

LICENCE NO WELL NAME & NO Anadarko Arrowhead K-35

OPERATOR ANADARKO CANADA CORP CONTRACTOR NAME AKITA DRILLING LTD

SURFACE LOCATION 60 34 38.10 N 122 51 47.20 SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN PREECE SIGNATURE OF CONTRACTOR'S RIG MANAGER ROLF REULE

DAILY CHECKS

YEAR 2004 MONTH 2 DAY 10

LAST CASING TUBING OR LINER 244 5 224 4 59 50

Q.D. (mm) 244 5 224 4 59 50

MASS (kg/m) 244 5 224 4 59 50

GRADE L80

NO. OF JOINTS 50

TOTAL LENGTH 653.00

KG TO CSG HEAD 595.00

SET AT (m) 653.00

SPUD DATE 2004/02/07 TIME 16:00

WELL TYPE 200M/228 TIME 23:59

RE-ENTRY

OPERATOR'S AFE

RE-ENTRY

CONTRACTOR'S JOB NUM

TOUR SHEET SERIAL NUM

VENDOR SOFTWARE VERSION

DRILLING CREW PAYROLL DATA

WELL NAME & NO YEAR MONTH DAY

OPERATOR CONTRACTOR NAME

RIG MANAGER

PROVINCE

CAMP YES NO

NO SAFETY DAYS

MORNING TOUR FROM 0 TO 800 INJURED

CREW SOC INS. NO. NAME HRS YES NO

DAY TOUR FROM 800 TO 1600 INJURED

CREW SOC INS. NO. NAME HRS YES NO

EVENING TOUR FROM 1600 TO 2400 INJURED

CREW SOC INS. NO. NAME HRS YES NO

RATE SCHEDULE REGULAR REPAIR INVERT

CREW SAFETY DAYS

DRIVERS

LICENCE NO WELL NAME & NO
Anadarko Arrowhead K-35

OPERATOR ANADARKO CANADA CORP CONTRACTOR NAME AKITA DRILLING LTD
SURFACE LOCATION 60 34 38 10 N 122 51 47 20
SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN PREECE SIGNATURE OF CONTRACTOR'S RIG MANAGER ROLF REULE

DAILY CHECKS
(1) Daily Walk Around Inspection
(2) Detailed Inspection Weekly (Using Check List)
(3) H2S Signs Posted & Reported
(4) Well Location & Block Diagram Posted
(5) Flare Lines Staked
(6) BOP Drills Performance
(7) Visually Inspect BOPs, Flare Lines & Degasser Lines
(8) Rig Site Health & Safety Meeting (weekend/monthly)
(9) CAODC Rig Safety Inspection Checklist (weekend/monthly)
(10) Most Inspection before Running or Lowering
(11) Crown Saver Checked
(12) Motor Kils Checked

YEAR 2004 MONTH 2 DAY 9
RIG NO 37
LAST CASING FULL OR LINER
O.D. 244.5
I.D. 224.4
MASS 59.50
GRADE L80
NO. OF JOINTS 50
TOTAL LENGTH 653.00
KG TO CSG HEAD 595.00
SET AT (m) 853.00

TEMPERATURE
CURRENT CONDITIONS
WIND DIRECTION
ROAD CONDITION

DRILLING CREW PAYROLL DATA
WELL NAME & NO YEAR MONTH DAY
OPERATOR CONTRACTOR NAME
RIG MANAGER SOC NO.
PROVINCE CAMP YES NO RIG SAFETY DAYS
MORNING TOUR FROM 0 TO 800 INJURED
CREW SOC NO. NAME HRS YES NO
DAY TOUR FROM 800 TO 1600 INJURED
CREW SOC NO. NAME HRS YES NO
EVENING TOUR FROM 1600 TO 2400 INJURED
CREW SOC NO. NAME HRS YES NO

DRILLING ASSEMBLY
NO. LENGTH
BIT RECORD
MORNING TOUR
MUD RECORD
METRES DRILLED
TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
RIG SERVICE AND CHECK CROWN SAVER OK
NIPPLE UP B O P AND RIG UP FLARE LINES AND DEGASSER LINES
AND FLARE TANK
REVIEW JSA ON NIPPLE UP
BLOW BOTH BOILERS DOWN 2 X = 180 L
DRILLER SIGNATURE
MARC LEVESQUE
RIG UP FLARE LINES

DRILLING ASSEMBLY
NO. LENGTH
BIT RECORD
DAY TOUR
MUD RECORD
METRES DRILLED
TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
RIG SERVICE CHECK CROWN SAVER OK
CONTINUE TO HOOK UP FLARE LINE AND DEGASSER LINES AND
INSULATE BLEED OFF LINES HOOK UP UPRIGHT DEGASSER
PICK UP KELLY AND CHANGE KELLY BAR AND UPPER KELLY COCK
HELD PRESPUD MEETING WITH ANADARKO OFFICE PERSONNEL AND
ALL CREW MEMBERS AND THIRD PARTY SERVICES
HELD SAFETY MEETING WITH INLAND PRESSURE TESTER
REPRESENTATIVE PRIOR TO PRESSURE TEST BOPS AND ALL
RELATED EQUIPMENT
DRILLER SIGNATURE
DAN PERRY
RIG UP

DRILLING ASSEMBLY
NO. LENGTH
BIT RECORD
EVENING TOUR
MUD RECORD
METRES DRILLED
TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
RIG SERVICE AND CHECK MOTOR SHUT-OFFS OK
PSI BLIND RAMS AND MANIFOLD AND CHOKES AND KILL LINE
VALVES AND HCR VALVE AND MANUAL BLEED OFF LINE 1500 KPA
LOW AND 21000 KPA HIGH 15 MINS EACH OK
PICK UP SINGLE OF DRILL PIPE AND INSTALL TEST PLUG AND
POSITION IN WELL BORE
PSI UPPER PIPE RAMS 1500 KPA LOW AND 21000 KPA HIGH 15
MINS EACH OK
PSI LOWER PIPE RAMS 1500 KPA LOW AND 21000 KPA HIGH 15
MINS EACH OK
PSI ANNULAR PREVENTER 1500 KPA LOW AND 10500 KPA HIGH
15 MINS EACH OK
PSI STABBING VALVE 1500 KPA LOW AND 21000 KPA HIGH 15
MINS EACH OK
PSI INSIDE BOP 1500 KPA LOW AND 21000 KPA HIGH 15 MINS
FUNCTION CROWN SAVER / SHOCK CHOKES
FUNCTION MOTOR KILLS MOTORS DOWN IN 5 SEC
REVIEW JSA ON HANDLING TUBULARS
BLOW BOTH BOILERS DOWN 2 X = 180 L
DRILLER SIGNATURE
MARC LEVESQUE
RIG UP



CAODC

WELL NAME & NO				YEAR	MONTH	DAY
OPERATOR			CONTRACTOR NAME			
RIG MANAGER					RIG NO	
PROVINCE			CAMP	☐ YES	☐ NO	RIG SAFETY DAYS

[illegible][illegible][illegible]

[illegible]

Form containing various sections: OPERATOR, CONTRACTOR NAME, SHEHTAH-WILSON PARTNERSHIP, SIGNATURE OF OPERATOR'S REPRESENTATIVE, SIGNATURE OF CONTRACTOR'S RIG MANAGER, GEORGE McDONALD, DAILY CHECKS, LOG, METRES DRILLED, TIME LOG, MORNING TOUR, DAY TOUR, EVENING TOUR, and various data tables.



PASON DATAHUB

Form containing multiple sections: ANADARKO ARROWHEAD RIVER K-35, SHEHTAH-WILSON PARTNERSHIP, MORNING TOUR, DAY TOUR, EVENING TOUR, and various logs and schedules.

[illegible]

[illegible]

BUILD DATE	2003/03/21	TIME	01:00
BEG RELEASE	2003/03/27	TIME	12:00
WELL TYPE		NO-CHERRY	
OPERATOR'S AND			
STALLY BEND		OP FUEL	
CONTRACTOR'S JOB NUM		2	
TOUR SHEET SERIAL NUM			
MONITOR SOFTWARE VERSION		700	



DRILLING CREW PAYROLL DATA					
WELL NAME & NO			YEAR	MONTH	DAY
OPERATOR			CONTRACTOR NAME		
RIG MANAGER			RIG NO		
PROVINCE	CAMP	☐ YES	☐ NO	RIG SAFETY DAYS	