Rec'd DM & E Oct. 17, 2001

Baker Atlas BAKER HUGHES

TRUE VERTICAL DEPTH MULTIPOLE ARRAY ACOUSTILOG℠ GAMMA RAY LOG CALIPER LOG

FILE NO:

API NO:

COMPANY	CANADIAN IMPERIAL VENTURE CORPORATION
WELL	CIVC PORT AU PORT #1-ST1
FIELD	GARDEN HILL SOUTH DEVELOPMENT
PROVINCE	NEWFOUNDLAND

Ver. 3.81
UWI: PAP1-ST1
TRUE
VERTICAL
DEPTH

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

OTHER SERVICES
CN-ZDL-GR-CAL
HDIL-GR-CAL
MAC-GR-CAL
CBIL-GR
HDIP-GR CVL

PERMANENT DATUM	G.L.	ELEVATION	212.53 M
LOG MEASURED FROM	K.B.	7.90 M	ABOVE P.D.
DRILL. MEAS. FROM	KELLY BUSHING		

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

DATE		09-OCT-2001		
RUN	TRIP	2	1	
SERVICE ORDER		200483		
DEPTH DRILLER		3595.0 M		
DEPTH LOGGER		3597.4 M		
BOTTOM LOGGED INTERVAL		3592.5 M		
TOP LOGGED INTERVAL		3495.0 M		
CASING DRILLER		177.8 MM	@3493.0 M	@
CASING LOGGER		3495.0 M		
BIT SIZE		152.0 MM		
TYPE OF FLUID IN HOLE		GEL CHEM POLYMER		
DENSITY	VISCOSITY	1105 G/L	49 S	
PH	FLUID LOSS	9.0	8.0 L	
SOURCE OF SAMPLE		FLOWLINE		
RM AT MEAS. TEMP.		2.1 OHMM	@20 DEGC	@
RMF AT MEAS. TEMP.		2.0 OHMM	@20 DEGC	@
RMC AT MEAS. TEMP.		2.3 OHMM	@20 DEGC	@
SOURCE OF RMF	RMC	MEASURED	MEASURED	
RM AT BHT		1.1 OHMM	@54 DEGC	@
TIME SINCE CIRCULATION		11.0 HOURS		
MAX. RECORDED TEMP.		54 DEGC		
EQUIP. NO.	LOCATION	HL6582	NISKU	
RECORDED BY		D. MCCULLOUGH		
WITNESSED BY		R. STRICKLAND		

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

BOREHOLE RECORD

BIT SIZE	FROM	TO
215.9 MM	2338.0 M	3493.0 M
152.0 MM	3493.0 M	3595.0 M

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
244.5 MM	69.94 KG/M	L-80	0.0 M	2338.0 M
177.8 MM	43.15 KG/M	L-80	2363.4 M	3493.0 M

REMARKS

RUN 2 TRIP 1 :
TIME STOPPED DRILLING: 0430 09-OCT-01
TIME STOPPED CIRCULATING: 0630 09-OCT-01
CORRELATED TO BAKER ATLAS CN-ZDL LOG 29-SEP-2001.
MAXIMUM DEVIATION: 20 DEGREES AT TD.
TRANSIT TIME TICKS EVERY 1, 10, 100 MS.
CEMENT VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
BOREHOLE VOLUME TICKS PRESENTED EVERY 0.1, 1.0, & 10.0 M3.
CALIPER AND VOLUMES MERGED FROM CN-ZDL RUN.
HOLE VOLUME COMPUTED FROM ZDL CALIPER.
POOR MAC RESPONSE CAUSED BY RUGOSE BOREHOLE.
CREW: B. MACDONALD, D. COMEAU.
RIG: SIMMONS #31

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
2	1	SWIVEL	3944XB	094417	FREE
2	1	TTRM	3981XA	168597	FREE
2	1	COMR	3514XA	166161	FREE
2	1	DGR	1329XA	166386	FREE
2	1	MAC E	1667EA	153940	FREE
2	1	KNJT	3923XA	369975	FREE
2	1	MAC R	1678MA	189391	CENTRALIZED
2	1	MAC ISO	1668PA	172683	CENTRALIZED
2	1	MAC TX	1668BA	153903	CENTRALIZED
2	1	MAC TX E	1668FA	154044	CENTRALIZED
2	1	CENT	4341XA	154537	CENTRALIZER

INSTRUMENT CONFIGURATION

Source File: /dat1a/pass/pap1r2/mac-tdg

CABLEHEAD
Series : CABL338
Mnemonic : CBLH
Diameter : 8.6 cm
Weight : 10.9 kg
Length : 167.6 cm

SWIVEL
Series : 3944XA
Mnemonic : SWVL

TTRM SUB
Series · 3981XA
Mnemonic : TTRM
Diameter : 9.2 cm

WTS COMMON REMOTE
Series : 3514XA
Mnemonic : WTS
Diameter : 9.2 cm
Weight . 65.5 kg
Length : 189.5 cm
Temp Rating : 204 deg. C

DIGITAL SPECTRALOG
Series : 1329XA
Mnemonic : DSL
Diameter : 9.2 cm
Weight : 64.5 kg
Length : 222.8 cm
Measure Point: 48.8 cm· GR MP
Temp Rating · 204 deg C

ARRAY ACOUSTILOG ELECTRONICS
Series : 1667EA
Mnemonic : DAC
Diameter : 8.6 cm
Weight : 61.8 kg
Length : 238.3 cm
Temp Rating : 191 deg. C
Press Rating : 1405 kg/cm2

KNUCKLE JOINT
Series : 3923XA

CROSS MULTIPOLE ARRAY ACOUSTILOG
Series : 1678MA
Mnemonic : XMAC
Diameter : 9.8 cm
Weight : 68.2 kg
Length : 332.4 cm
Measure Point: 167.6 cm: R8
Measure Point: 61.0 cm: R1
Temp Rating : 204 deg. C
Press Rating : 1405 kg/cm2

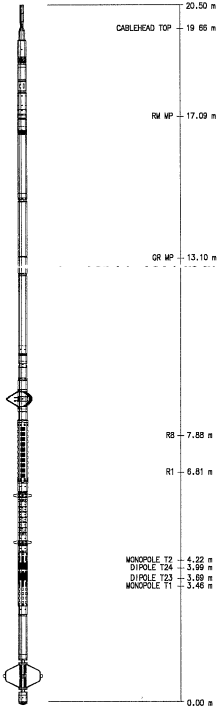
MULTI-POLE ARRAY ACOUSTIC
Series : 1668PA
Mnemonic : MAC
Diameter : 9.2 cm
Weight . 45.5 kg

MULTI-POLE ARRAY ACOUSTIC
Series : 1668BA
Mnemonic : MAC
Diameter : 9.2 cm
Weight : 79.5 kg
Length : 210.8 cm
Measure Point: 165.1 cm: MONOPOLE T2
Measure Point: 142.2 cm: DIPOLE T24
Measure Point: [illegible] cm: DIPOLE T23
Measure Point: [illegible] cm: MONOPOLE T1

MULTI-POLE ARRAY ACOUSTIC
Series : 1668FA
Mnemonic : MAC
Diameter : 8.6 cm
Weight : 34.1 kg

4 ARM BOW SPRING CENTRALIZER
Series . 4341XA
Mnemonic : CENT
Diameter : 8.6 cm

TOTAL LENGTH: 20.59 m
TOTAL WEIGHT: 562.7 kg
MAX DIAMETER: 10.2 cm



MAIN PASS - 100-300 DELTA T SCALE TVD

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f741g03.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3297.936 m BOTTOM DEPTH: 3600.831 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CHT	FILTER ()	medium (1)		TOP	BOTTOM
GR	FILTER ()	medium (1)		''	''
DT24	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)		''	''

BOREHOLE & CEMENT

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
BIT SIZE	BIT SIZE	152.000	mm	TOP	BOTTOM

ACOUSTIC POROSITY

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA T CURVE SELECTION	CURVE SELECTION	first arrival		TOP	BOTTOM

ACOUSTIC PICK CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
DELTA-T REJECTION RANGE	REJECTION DTmin	131	us/m	TOP	BOTTOM
	REJECTION DTmax	591	us/m	''	''
FIRST ARRIVAL PICK (SUB #5,6)	SEARCH START OFFSET (sfa21*)	0	us	''	''
	SEARCH START OFFSET (sfa22*)	20	us	''	''
	SEARCH START OFFSET (sfa23*)	40	us	''	''
	SEARCH START OFFSET (sfa24*)	60	us	''	''
FIRST ARRIVAL PICK (SUB #5,9)	SEARCH WINDOW LENGTH	610	us	''	''
	THRESHOLD FACTOR	0.30		''	''
	THRESHOLD MINIMUM (sfa21*)	35		''	''
	THRESHOLD MINIMUM (sfa22*)	35		''	''
	THRESHOLD MINIMUM (sfa23*)	35		''	''
	THRESHOLD MINIMUM (sfa24*)	34		''	''
	E3 THRESHOLD	OFF		''	''

ACOUSTIC QUALITY CONTROL

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CYCLE SKIP LIMIT	CYCLE SKIP LIMIT	100	us	TOP	BOTTOM

ACOUSTIC WAVEFORM FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
WAVEFORM FILTER - DELTA T	SURFACE WAVE FILTER	ON		TOP	BOTTOM
	LOW FREQ CUTOFF	5000	Hz	''	''
	HIGH FREQ CUTOFF	20000	Hz	''	''

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/pass/pap1r2/f854f04.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 3301.060 m BOTTOM DEPTH: 3601.822 m

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
X AXIS CALIPER	FILTER ()	light (2)		TOP	BOTTOM
	FILTER (.h)	light (2)		''	''
	FILTER (.l)	light (2)		''	''
CHT	FILTER ()	medium (1)		''	''
GR	FILTER ()	medium (1)		''	''
TENSION	FILTER ()	medium (1)			

BOREHOLE & CEMENT

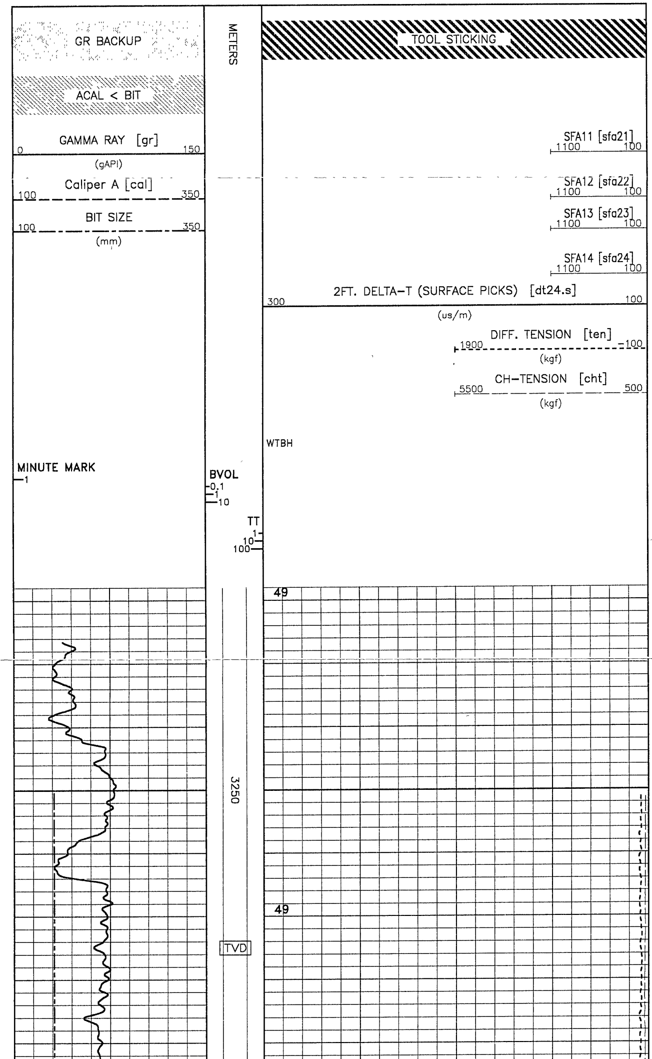
MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (m)	
CASING - BOREHOLE & CEMENT VOLUME	CASING O.D.	127.000	mm	TOP	BOTTOM
BIT SIZE	BIT SIZE	152.000	mm	''	''

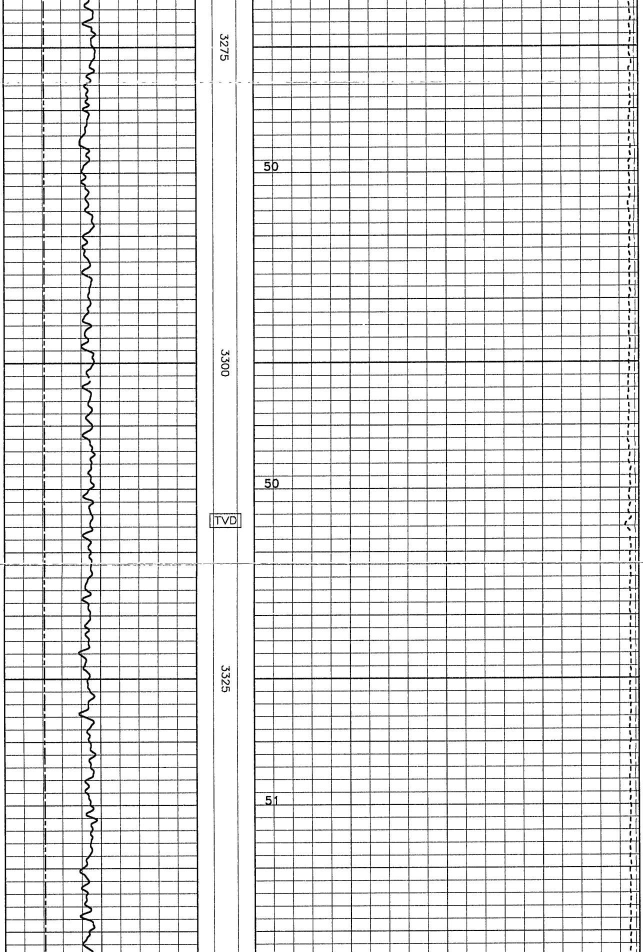
CURVE MEASURE POINT OFFSET

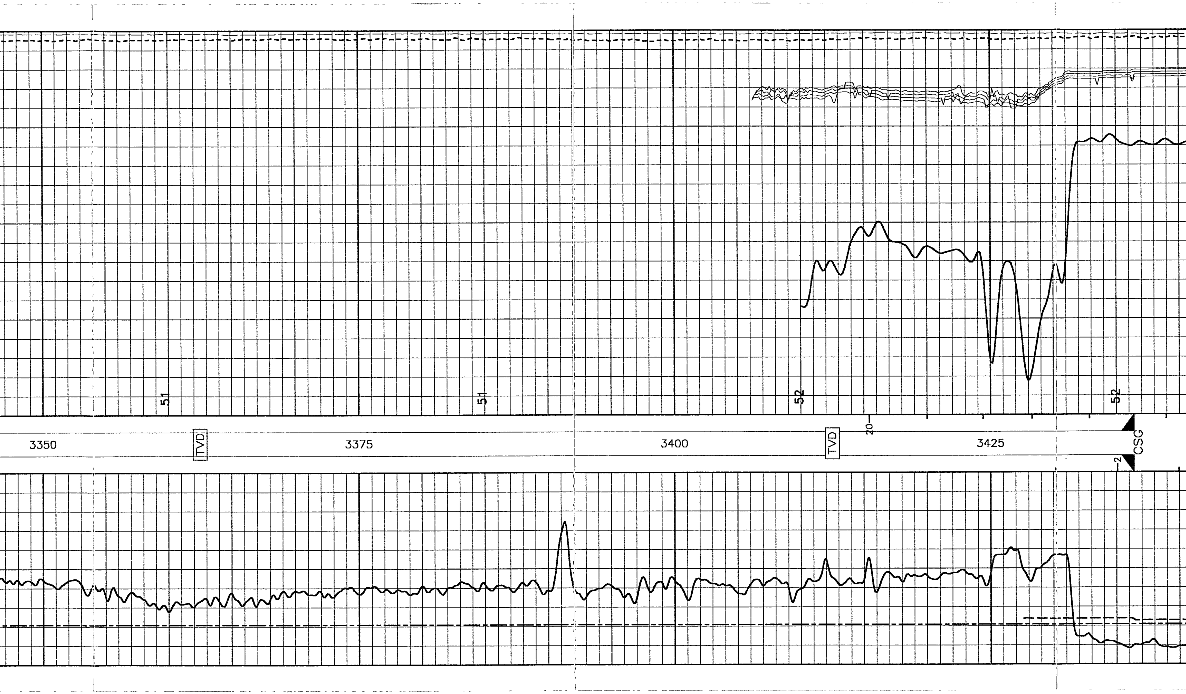
CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)	CURVE	OFFSET (m)
BIT	0.00	DT24QS	4.88	SFA22	5.64	TEN	0.00
CAL	0.91	GR	13.11	SFA23	5.64		
CHT	0.00	SFA21	5.49	SFA24	5.79		

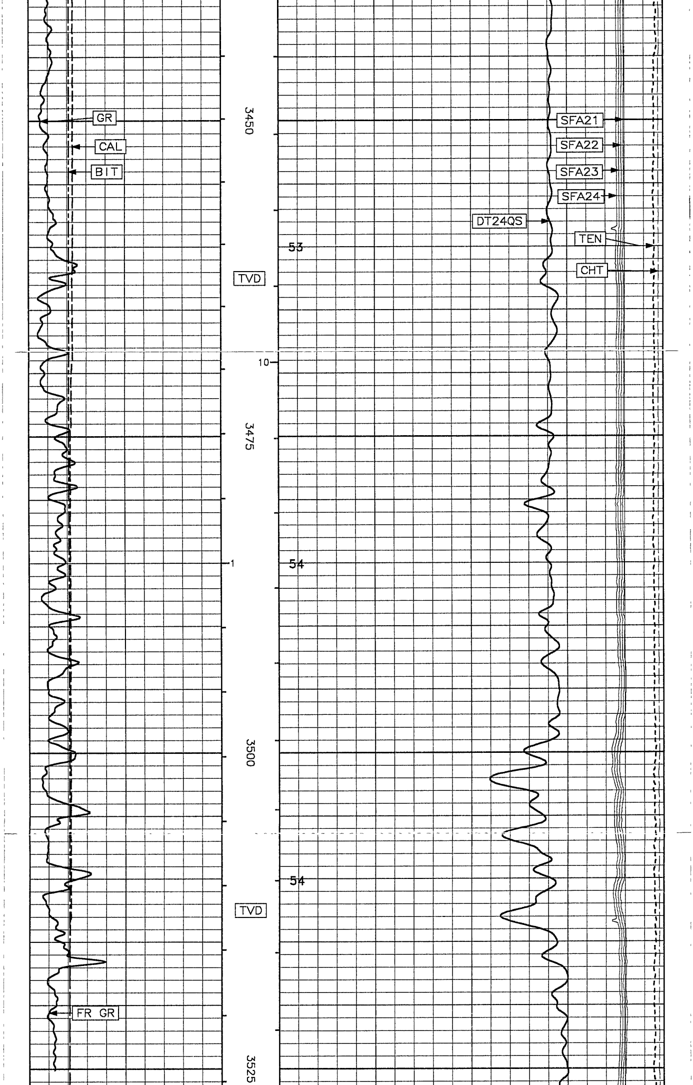
Presentation : cpu1:/dat1a/pass/pap1r2/t_mac_main.pdf [1:240 Scale]
Plot Interval : 3234.39 – 3538.04 Meters

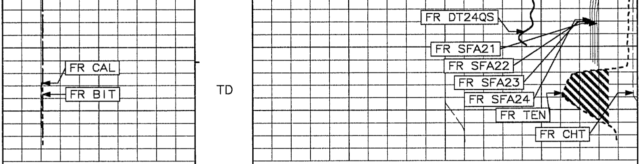
Data File 1 : F1 : cpu1:/dat1a/pass/pap1r2/f741g03.xtf
Created On : Oct 10 07:36:44 2001
Company : Canadian Imperial Ventures Corporation
Well : CIVC Port au Port #1–st1
Field : Garden Hill South Development
File Interval : 3234.39 – 3538.04 Meters
Oct : f741g











METERS

GR BACKUP

TOOL STICKING

ACAL < BIT

GAMMA RAY [gr]
0 150
(gAPI)

Caliper A [cal]
100 350

BIT SIZE
100 350
(mm)

SFA11 [sfa21]
1100 100

SFA12 [sfa22]
1100 100

SFA13 [sfa23]
1100 100

SFA14 [sfa24]
1100 100

2FT. DELTA-T (SURFACE PICKS) [dt24.s]
300 100
(us/m)

DIFF. TENSION [ten]
1900 -100
(kgf)

CH-TENSION [cht]
5500 500
(kgf)

WTBH

MINUTE MARK
1

BVOL
0.1
1
10

TT
1
10
100

DIRECTIONAL SURVEY DATA

Source File: /dat1a/pass/pap1r2/tvd.txt

```
                    Onscreen for Windows
                 Survey Calculation Program
                    BAKER HUGHES INTEQ

Customer   : CANADIAN IMPERIAL VENTURE CORP.
WellName   : Port Au Port#1
Location   : Onshore West Coast Newfoundland

Vertical Section Calculated on: 275.6000
Survey Calculation Method: Minimum Curvature

   #     Depth    Inc Azimuth        TVD Section       North        East DoglegB
        Meters Degree  Degree     Meters  Meters         (M)         (M)   /30m
   0   2295.00   1.75  149.00    2293.68  -44.91      -20.74       43.09   0.00
   1   2334.00   1.29  148.10    2332.67  -45.53      -21.62       43.63   0.35
   2   2338.20   1.60  266.10    2336.87  -45.50      -21.67       43.60  17.73
   3   2348.20   4.30  273.50    2346.85  -44.99      -21.65       43.08   8.16
   4   2358.10   6.90  283.70    2356.70  -44.03      -21.49       42.13   8.41
   5   2367.80   8.30  276.70    2366.32  -42.75      -21.27       40.87   5.18
   6   2376.90   8.60  281.90    2375.32  -41.42      -21.05       39.55   2.71
   7   2386.50   8.80  282.00    2384.81  -39.98      -20.75       38.13   0.63
   8   2396.50   8.80  282.70    2394.69  -38.46      -20.43       36.64   0.32
   9   2405.80   8.80  285.10    2403.88  -37.05      -20.08       35.26   1.18
  10   2414.90   8.90  284.40    2412.87  -35.67      -19.73       33.90   0.48
  11   2424.20   9.30  283.40    2422.06  -34.21      -19.37       32.48   1.39
  12   2433.80  10.50  277.40    2431.51  -32.57      -19.08       30.85   4.94
  13   2443.50  12.20  272.10    2441.02  -30.66      -18.93       28.95   6.16
  14   2453.10  13.40  269.30    2450.39  -28.54      -18.91       26.83   4.22
  15   2462.30  14.20  268.30    2459.32  -26.36      -18.95       24.63   2.72
  16   2471.80  14.60  267.40    2468.52  -24.02      -19.04       22.27   1.45
  17   2481.50  15.10  268.60    2477.90  -21.56      -19.13       19.79   1.82
  18   2491.10  15.20  271.10    2487.16  -19.06      -19.14       17.28   2.07
  19   2500.30  15.20  273.20    2496.04  -16.66      -19.04       14.87   1.80
  20   2509.80  15.00  274.20    2505.21  -14.18      -18.89       12.40   1.04
  21   2519.50  14.80  275.60    2514.59  -11.69      -18.67        9.91   1.27
  22   2528.60  14.40  277.10    2523.39   -9.40      -18.42        7.64   1.81
  23   2538.20  14.70  278.80    2532.69   -6.99      -18.09        5.25   1.63
  24   2547.70  15.30  280.60    2541.86   -4.53      -17.67        2.82   2.40
  25   2557.30  15.10  282.30    2551.13   -2.03      -17.17        0.36   1.53
  26   2566.70  14.60  282.30    2560.21    0.36      -16.66       -2.00   1.60
  27   2576.40  14.20  281.60    2569.61    2.76      -16.16       -4.36   1.35
  28   2585.80  14.20  280.20    2578.72    5.05      -15.72       -6.62   1.10
  29   2595.00  14.50  280.20    2587.63    7.33      -15.32       -8.86   0.98
  30   2604.60  15.20  280.90    2596.91    9.78      -14.87      -11.28   2.26
  31   2613.90  16.20  281.30    2605.87   12.28      -14.38      -13.75   3.24
  32   2623.40  17.10  281.60    2614.97   14.99      -13.84      -16.42   2.86
  33   2633.10  17.50  282.00    2624.23   17.86      -13.25      -19.24   1.29
  34   2642.70  17.40  280.60    2633.39   20.72      -12.69      -22.07   1.35
  35   2652.10  17.60  278.10    2642.35   23.54      -12.23      -24.86   2.48
  36   2661.40  17.70  274.90    2651.21   26.36      -11.91      -27.66   3.15
  37   2670.70  17.70  273.50    2660.07   29.19      -11.70      -30.48   1.37
  38   2680.30  17.80  275.70    2669.22   32.11      -11.47      -33.39   2.12
  39   2689.30  18.10  278.80    2677.78   34.89      -11.12      -36.14   3.34
  40   2699.00  18.40  282.00    2686.99   37.91      -10.57      -39.13   3.23
  41   2708.60  19.30  283.70    2696.08   40.99       -9.88      -42.15   3.29
  42   2718.20  20.80  283.70    2705.09   44.25       -9.10      -45.35   4.69
  43   2727.70  22.00  282.70    2713.94   47.68       -8.31      -48.73   3.96
  44   2737.20  22.20  283.00    2722.74   51.23       -7.51      -52.21   0.73
  45   2746.50  21.60  283.40    2731.37   54.67       -6.72      -55.59   1.99
  46   2756.00  20.70  284.40    2740.23   58.06       -5.90      -58.91   3.06
  47   2765.60  19.60  284.80    2749.24   61.32       -5.07      -62.11   3.46
  48   2775.10  19.40  283.70    2758.20   64.46       -4.28      -65.19   1.32
  49   2784.60  20.00  282.30    2767.14   67.63       -3.56      -68.31   2.41
  50   2794.30  21.00  282.00    2776.23   71.01       -2.85      -71.63   3.11
  51   2803.90  22.10  283.00    2785.16   74.51       -2.09      -75.07   3.62
  52   2813.40  22.10  282.30    2793.96   78.06       -1.30      -78.56   0.83
  53   2823.00  21.20  280.20    2802.88   81.58       -0.61      -82.03   3.71
  54   2832.60  20.30  277.80    2811.86   84.97       -0.08      -85.39   3.87
  55   2842.30  19.80  275.70    2820.97   88.30        0.31      -88.69   2.71
  56   2851.80  19.90  275.30    2829.91   91.53        0.62      -91.90   0.53
  57   2861.50  20.70  275.30    2839.00   94.89        0.93      -95.25   2.47
  58   2871.00  21.10  274.60    2847.88   98.28        1.23      -98.63   1.49
  59   2880.60  21.00  273.90    2856.84  101.73        1.48     -102.07   0.85
  60   2890.20  21.20  273.90    2865.79  105.18        1.72     -105.52   0.63
  61   2899.20  21.70  274.20    2874.17  108.47        1.95     -108.80   1.71
  62   2908.90  22.40  276.00    2883.16  112.11        2.27     -112.43   3.01
  63   2918.50  21.90  278.10    2892.05  115.73        2.72     -116.02   2.93
  64   2928.10  20.70  277.10    2901.00  119.21        3.18     -119.47   3.92
  65   2937.60  19.40  275.30    2909.92  122.47        3.53     -122.71   4.54
  66   2947.30  19.00  274.60    2919.08  125.66        3.81     -125.89   1.43
  67   2956.40  19.00  274.90    2927.69  128.62        4.05     -128.84   0.32
  68   2965.90  19.60  276.70    2936.65  131.76        4.37     -131.97   2.67
  69   2975.40  20.30  277.80    2945.58  135.00        4.78     -135.18   2.51
  70   2984.60  20.50  277.80    2954.21  138.21        5.22     -138.36   0.65
  71   2994.20  20.90  277.80    2963.19  141.60        5.68     -141.72   1.25
  72   3003.80  21.20  277.40    2972.14  145.04        6.13     -145.14   1.04
  73   3013.40  21.10  276.70    2981.10  148.51        6.56     -148.58   0.85
  74   3022.90  20.70  277.40    2989.97  151.89        6.97     -151.94   1.49
  75   3032.50  20.00  279.20    2998.97  155.23        7.45     -155.24   2.93
  76   3042.10  18.80  278.80    3008.03  158.41        7.95     -158.39   3.77
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 77    3051.50  18.50  278.80    3016.94  161.41      8.41   -161.36   0.96
 78    3061.20  18.60  277.80    3026.13  164.49      8.86   -164.42   1.03
 79    3070.80  19.30  277.80    3035.21  167.61      9.28   -167.50   2.19
 80    3080.40  19.80  278.10    3044.26  170.82      9.73   -170.69   1.59
 81    3089.90  20.10  278.80    3053.19  174.06     10.20   -173.89   1.21
 82    3099.50  19.90  278.50    3062.21  177.34     10.70   -177.14   0.70
 83    3109.10  19.40  278.50    3071.25  180.56     11.17   -180.33   1.56
 84    3118.70  19.20  277.10    3080.31  183.73     11.60   -183.47   1.58
 85    3128.30  19.20  275.60    3089.38  186.89     11.95   -186.61   1.54
 86    3137.80  19.50  274.90    3098.34  190.03     12.24   -189.75   1.20
 87    3147.50  20.00  276.30    3107.47  193.31     12.56   -193.01   2.13
 88    3157.10  19.90  277.10    3116.49  196.59     12.94   -196.26   0.91
 89    3166.60  19.20  278.10    3125.45  199.76     13.36   -199.41   2.45
 90    3176.20  18.50  278.80    3134.53  202.86     13.82   -202.48   2.30
 91    3185.30  18.10  278.80    3143.17  205.71     14.26   -205.30   1.32
 92    3194.70  18.20  278.50    3152.10  208.64     14.70   -208.20   0.44
 93    3204.30  18.20  277.80    3161.22  211.63     15.12   -211.17   0.68
 94    3213.80  18.50  277.80    3170.24  214.62     15.53   -214.13   0.95
 95    3223.40  18.90  277.40    3179.33  217.70     15.93   -217.18   1.31
 96    3233.00  19.30  276.00    3188.40  220.84     16.30   -220.30   1.90
 97    3242.70  20.00  276.00    3197.54  224.10     16.64   -223.54   2.16
 98    3252.30  20.30  276.70    3206.55  227.41     17.01   -226.83   1.20
 99    3261.50  20.50  277.40    3215.17  230.61     17.40   -230.01   1.03
100    3270.90  20.50  277.40    3223.98  233.90     17.83   -233.28   0.00
101    3280.30  20.60  277.80    3232.78  237.20     18.26   -236.55   0.55
102    3289.90  20.40  278.10    3241.77  240.56     18.73   -239.88   0.71
103    3299.30  19.40  278.10    3250.61  243.76     19.18   -243.05   3.19
104    3308.90  18.50  278.80    3259.69  246.87     19.64   -246.13   2.90
105    3318.40  17.80  280.20    3268.72  249.82     20.12   -249.05   2.60
106    3328.00  17.40  282.30    3277.87  252.71     20.69   -251.89   2.34
107    3337.30  17.00  284.10    3286.75  255.44     21.32   -254.57   2.15
108    3346.70  16.70  284.44    3295.75  258.13     21.99   -257.21   1.01
109    3356.40  17.10  284.10    3305.03  260.92     22.68   -259.94   1.27
110    3365.70  17.30  282.70    3313.91  263.64     23.32   -262.62   1.48
111    3375.30  17.40  281.30    3323.08  266.49     23.91   -265.42   1.34
112    3384.40  18.10  280.20    3331.74  269.25     24.43   -268.15   2.56
113    3393.90  19.30  279.20    3340.74  272.29     24.94   -271.15   3.92
114    3402.70  20.40  278.80    3349.02  275.27     25.41   -274.10   3.78
115    3411.90  21.10  278.50    3357.62  278.53     25.90   -277.32   2.31
116    3421.00  21.10  279.20    3366.11  281.80     26.41   -280.56   0.83
117    3430.30  20.50  280.60    3374.81  285.09     26.97   -283.81   2.51
118    3439.40  19.40  281.30    3383.36  288.18     27.56   -286.86   3.71
119    3449.20  18.50  280.90    3392.63  291.35     28.17   -289.98   2.78
120    3460.40  18.20  278.80    3403.26  294.86     28.78   -293.46   1.94
121    3469.50  18.30  279.20    3411.90  297.71     29.22   -296.27   0.53
122    3478.60  16.60  281.30    3420.58  300.43     29.71   -298.96   5.98
 -1    3485.60  15.29  282.92    3427.31  302.34     30.11   -300.84   5.93

Closure is 302.3394 on an azimuth of 275.7155
```

Source File: /dat1a/pass/pap1r2/tvd_us.txt

```
BAKER ATLAS SURVEY

Canadian Imperial Ventures Corp.
CIVC Port Au Port #1 - ST1



          DEVIATION
 DEPTH   ANGLE  AZIMUTH        T.V.D.

3485.62  15.3     282.9        3427.31
3495.62  15.8     281.3        3436.92
3505.62  16.1     280.7        3446.54
3515.62  16.4     280.1        3456.13
3525.62  17.0     280.7        3465.71
3535.62  17.3     280.8        3475.27
3545.62  17.7     281.0        3484.80
3555.62  18.3     281.4        3494.31
3565.62  18.8     281.2        3503.80
3575.62  19.3     280.9        3513.25
3585.62  20.0     281.0        3522.67
3587.62  20.0     280.8        3524.55
```

BAKER HUGHES

Baker Atlas

COMPANY CANADIAN IMPERIAL VENTURE CORPORATION
WELL CIVC PORT AU PORT #1-ST1
FIELD GARDEN HILL SOUTH DEVELOPMENT
PROVINCE NEWFOUNDLAND

FILE NO:
API NO:

LOCATION:
LIC: ADW2001-117-05-01
NORTHING: 5372856.596
EASTINGS: 335490.997
LAT 48.489 LONG 59.226

ELEVATIONS:
KB 220.43 M
DF
GL 212.53 M

UWI: PAP1-ST1
TRUE
VERTICAL
DEPTH

DATE 09-OCT-2001