

HALLIBURTON

HRSC-A  
1" CORE

1335

COMPANY CENTURY OIL COMPANY, INC  
WELL HUGH STARNES 30-2  
FIELD CORKSCREW  
COUNTY COLLIER  
FL  
AP No. 29-021-202070000  
Location 148° 54' 11" W, 81° 19' 59" N  
LAT 29.4441 / LONG 81.3308

Permanent Datum  
Log measured from  
Drilling measured from  
Date  
Run No.  
Number of Tests  
Sector / Angle  
Casing Size  
Casing - Outer  
3 1/2 Size  
Type Fluid in Hole  
Density  
Viscosity  
MUD LOGS  
Date of Sample  
MUD TANK  
Start @ Mass Temperature  
End @ Mass Temperature  
Time @ Mass Temperature  
Mud Temp. @ 100 degF  
Mud Temp. @ 70 degF  
Mud Temp. @ 50 degF  
Mud Temp. @ 30 degF  
Mud Temp. @ 10 degF  
Mud Temp. @ 0 degF  
Mud Temp. @ -10 degF  
Mud Temp. @ -20 degF  
Mud Temp. @ -30 degF  
Mud Temp. @ -40 degF  
Mud Temp. @ -50 degF  
Mud Temp. @ -60 degF  
Mud Temp. @ -70 degF  
Mud Temp. @ -80 degF  
Mud Temp. @ -90 degF  
Mud Temp. @ -100 degF  
Mud Temp. @ -110 degF  
Mud Temp. @ -120 degF  
Mud Temp. @ -130 degF  
Mud Temp. @ -140 degF  
Mud Temp. @ -150 degF  
Mud Temp. @ -160 degF  
Mud Temp. @ -170 degF  
Mud Temp. @ -180 degF  
Mud Temp. @ -190 degF  
Mud Temp. @ -200 degF  
Mud Temp. @ -210 degF  
Mud Temp. @ -220 degF  
Mud Temp. @ -230 degF  
Mud Temp. @ -240 degF  
Mud Temp. @ -250 degF  
Mud Temp. @ -260 degF  
Mud Temp. @ -270 degF  
Mud Temp. @ -280 degF  
Mud Temp. @ -290 degF  
Mud Temp. @ -300 degF  
Mud Temp. @ -310 degF  
Mud Temp. @ -320 degF  
Mud Temp. @ -330 degF  
Mud Temp. @ -340 degF  
Mud Temp. @ -350 degF  
Mud Temp. @ -360 degF  
Mud Temp. @ -370 degF  
Mud Temp. @ -380 degF  
Mud Temp. @ -390 degF  
Mud Temp. @ -400 degF  
Mud Temp. @ -410 degF  
Mud Temp. @ -420 degF  
Mud Temp. @ -430 degF  
Mud Temp. @ -440 degF  
Mud Temp. @ -450 degF  
Mud Temp. @ -460 degF  
Mud Temp. @ -470 degF  
Mud Temp. @ -480 degF  
Mud Temp. @ -490 degF  
Mud Temp. @ -500 degF  
Mud Temp. @ -510 degF  
Mud Temp. @ -520 degF  
Mud Temp. @ -530 degF  
Mud Temp. @ -540 degF  
Mud Temp. @ -550 degF  
Mud Temp. @ -560 degF  
Mud Temp. @ -570 degF  
Mud Temp. @ -580 degF  
Mud Temp. @ -590 degF  
Mud Temp. @ -600 degF  
Mud Temp. @ -610 degF  
Mud Temp. @ -620 degF  
Mud Temp. @ -630 degF  
Mud Temp. @ -640 degF  
Mud Temp. @ -650 degF  
Mud Temp. @ -660 degF  
Mud Temp. @ -670 degF  
Mud Temp. @ -680 degF  
Mud Temp. @ -690 degF  
Mud Temp. @ -700 degF  
Mud Temp. @ -710 degF  
Mud Temp. @ -720 degF  
Mud Temp. @ -730 degF  
Mud Temp. @ -740 degF  
Mud Temp. @ -750 degF  
Mud Temp. @ -760 degF  
Mud Temp. @ -770 degF  
Mud Temp. @ -780 degF  
Mud Temp. @ -790 degF  
Mud Temp. @ -800 degF  
Mud Temp. @ -810 degF  
Mud Temp. @ -820 degF  
Mud Temp. @ -830 degF  
Mud Temp. @ -840 degF  
Mud Temp. @ -850 degF  
Mud Temp. @ -860 degF  
Mud Temp. @ -870 degF  
Mud Temp. @ -880 degF  
Mud Temp. @ -890 degF  
Mud Temp. @ -900 degF  
Mud Temp. @ -910 degF  
Mud Temp. @ -920 degF  
Mud Temp. @ -930 degF  
Mud Temp. @ -940 degF  
Mud Temp. @ -950 degF  
Mud Temp. @ -960 degF  
Mud Temp. @ -970 degF  
Mud Temp. @ -980 degF  
Mud Temp. @ -990 degF  
Mud Temp. @ -1000 degF

Service Ticket No. 9273083 AP1 Serial No. 09-021-202070000 PGM Version WLN SITE R3 4.2 (Build 2)

DIRECTIONAL INFORMATION  
Maximum Deviation  
Remarks  
ALL CORE POINTS TAKEN AS PER CUSTOMERS REQUESTS  
RIG POLLISTER #3  
CREW WESTSHANKS  
THANK YOU FOR CHOOSING HALLIBURTON ENERGY SERVICES 801-649-9390

CORE REPORT

Tool Mnemonic: HRSC  
Tool Name: Hostile Rotary Sidewall Coring  
Serial Number: HRSCA03  
Length Units: in  
Temperature Units: degF

Core Time	Depth	Core No.	Marker No.	Tube No.	Tube Loc.	Core Len.	Drilled Len.	Coring Time	Bore Temp.	Comment
22-Feb-12 07:55:09	11862.00	1	0	1	1	1.94	2.01	3.02	193.6	CORE RECOVERED
22-Feb-12 08:04:33	11856.00	2	0	1	2	2.14	2.08	2.27	196.0	CORE RECOVERED
22-Feb-12 08:18:22	11854.00	3	0	1	3	1.99	2.02	3.73	197.6	CORE RECOVERED
22-Feb-12 08:29:14	11852.00	4	0	1	4	2.04	2.05	2.93	198.7	CORE RECOVERED
22-Feb-12 08:41:15	11852.00	5	0	1	5	2.14	2.02	2.63	199.4	CORE RECOVERED
22-Feb-12 08:49:00	11842.00	6	0	1	6	2.03	2.05	2.25	199.2	CORE RECOVERED
22-Feb-12 08:56:28	11838.00	7	0	1	7	2.06	2.03	2.42	199.2	CORE RECOVERED
22-Feb-12 09:06:43	11834.00	8	0	1	8	4.20	2.05	1.82	199.2	CORE RECOVERED
22-Feb-12 09:19:21	11833.00	9	0	2	1	1.74	2.06	2.70	199.4	CORE RECOVERED
22-Feb-12 09:37:38	11832.00	10	0	2	2	3.34	2.01	3.93	199.8	CORE RECOVERED
22-Feb-12 09:48:23	11831.00	11	0	2	3	3.94	2.02	3.43	200.0	CORE RECOVERED
22-Feb-12 09:59:33	11830.00	12	0	2	4	2.07	2.01	4.12	200.3	CORE RECOVERED
22-Feb-12 10:07:35	11829.00	13	0	2	5	1.83	2.02	2.70	200.5	CORE RECOVERED
22-Feb-12 10:16:38	11828.00	14	0	2	6	3.27	2.03	3.58	200.7	CORE RECOVERED
22-Feb-12 10:28:52	11827.00	15	0	2	7	2.00	2.03	4.83	200.7	CORE RECOVERED
22-Feb-12 10:48:08	11826.00	16	0	3	1	2.07	2.07	3.50	200.9	CORE RECOVERED
22-Feb-12 10:56:15	11825.00	17	0	3	2	1.92	2.04	3.30	201.2	CORE RECOVERED
22-Feb-12 11:07:06	11824.00	18	0	3	3	2.03	2.04	3.45	201.4	CORE RECOVERED
22-Feb-12 11:16:03	11818.00	19	0	3	4	1.95	2.04	2.97	200.9	CORE RECOVERED
22-Feb-12 11:27:32	11814.00	20	0	3	5	1.99	2.01	4.35	200.7	CORE RECOVERED
22-Feb-12 11:40:20	11806.00	21	0	3	6	2.18	2.02	4.73	200.0	CORE RECOVERED
22-Feb-12 11:48:41	11804.00	22	0	3	7	2.16	2.02	3.38	200.3	CORE RECOVERED
22-Feb-12 11:59:22	11802.00	23	0	3	8	2.18	2.02	4.73	200.3	CORE RECOVERED
22-Feb-12 12:07:50	11800.00	24	0	3	9	1.84	2.03	2.72	200.0	CORE RECOVERED
22-Feb-12 12:20:04	11798.00	25	0	4	1	1.88	2.03	4.73	200.3	CORE RECOVERED
22-Feb-12 12:29:56	11792.00	26	0	4	2	2.20	2.02	4.05	200.0	CORE RECOVERED
22-Feb-12 12:42:13	11786.00	27	0	4	3	2.07	2.03	4.83	199.8	CORE RECOVERED
22-Feb-12 12:52:09	11776.00	28	0	4	4	2.08	2.02	3.40	198.9	CORE RECOVERED
22-Feb-12 13:22:02	11766.00	29	0	4	5	3.68	2.04	4.72	198.7	CORE RECOVERED
22-Feb-12 13:31:55	11764.00	30	0	4	6	2.02	2.04	4.20	198.5	CORE RECOVERED
22-Feb-12 13:43:20	11760.00	31	0	4	7	1.97	2.05	5.28	198.5	CORE RECOVERED
22-Feb-12 13:51:08	11748.00	32	0	4	8	2.13	2.09	2.22	197.8	CORE RECOVERED
22-Feb-12 14:00:24	11736.00	33	0	5	1	3.12	2.04	2.77	197.1	CORE RECOVERED
22-Feb-12 14:32:39	9789.50	34	0	5	2	2.18	2.03	4.37	181.3	CORE RECOVERED
22-Feb-12 14:42:13	9785.00	35	0	5	3	1.97	2.02	3.87	180.4	CORE RECOVERED
22-Feb-12 14:52:40	9772.00	36	0	5	4	1.94	2.02	4.83	179.5	CORE RECOVERED

PARAMETERS REPORT

Depth (ft)	Tool Name	Description	Value	Units
TOP	SHARED	Bit Size	8.500	in
	SHARED	Use Bit Size instead of Caliper for all applications	No	
	SHARED	Mud Base	Water	
	SHARED	Borehole Fluid Weight	8.700	ppg
	SHARED	Weighting Agent	Barite	
	SHARED	Borehole salinity	0.00	ppm
	SHARED	Formation Salinity (NaCl)	0.00	ppm
	SHARED	Percent K in Mud by Weight?	0.00	%
	SHARED	Mud Resistivity	0.014	ohm-in
	SHARED	Temperature of Mud	70.0	degF
	SHARED	Logging Interval is Cased?	No	
	SHARED	AHV Casing OD	5.500	in
	SHARED	Surface Temperature	75.0	degF
	SHARED	Total Well Depth	11926.00	ft
	SHARED	Bottom Hole Temperature	159.0	degF
	SHARED	Navigation and Survey Master Tool	NONE	
	SHARED	High Res Z Accelerometer Master Tool	D4TG	
	SHARED	Temperature Master Tool	NONE	
	SHARED	Borehole Size Master Tool	NONE	
	Rwa / CrossPlot	Process Crossplot?	Yes	
	Rwa / CrossPlot	Select Source of F	Automatic	
	Rwa / CrossPlot	Archie A factor	0.6200	
	Rwa / CrossPlot	Archie M factor	2.1500	
	Rwa / CrossPlot	Rmf Reference	0.10	ohm-in
	Rwa / CrossPlot	Rmf Ref Temp	75.00	degF
	Rwa / CrossPlot	Resistivity of Formation Water	0.05	ohm-in
	Rwa / CrossPlot	Use Air Porosity to calculate CrossplotPhi	No	
	D4TG	Process Gamma Ray?	Yes	
	D4TG	Gamma Tool Standoff	0.000	in
	D4TG	Process Gamma Ray EVR?	No	
	D4TG	Tool Position for Gamma Ray Tools	Eccentered	
BOTTOM				

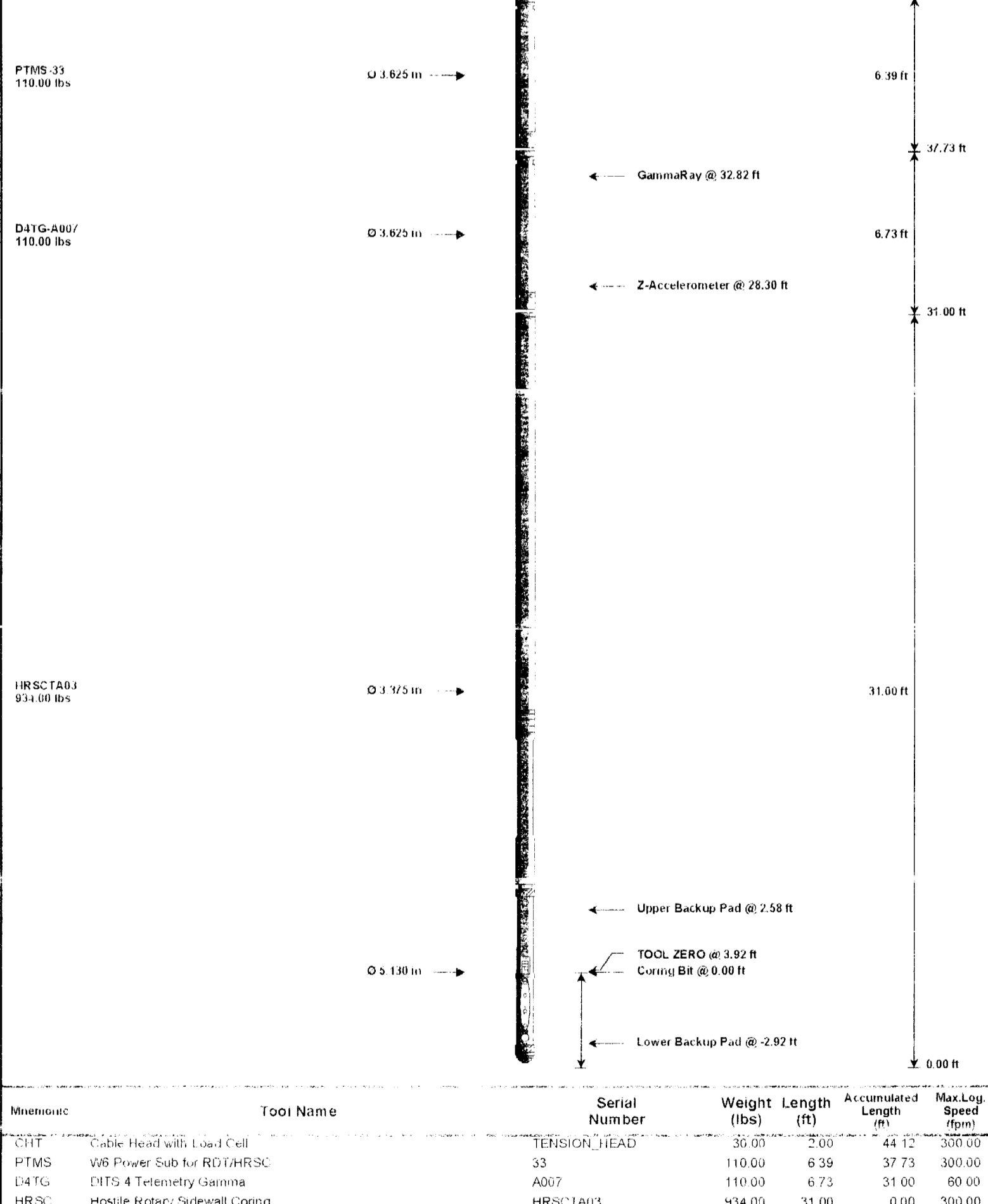
Date: CENTURY\_2-22-12:0001 CH\_TEN-PIMS-33-D4TG A007- HRSC A03 IDLE Date: 22-Feb-12 17:38:49

CUSTOMER EVENT LOG

Event Type	Time & Date	Depth (ft)	Event Description
	22-Feb-12 05:18:17	0.00	Logging 001 22-Feb-12 05:18 NxtCore 001
	22-Feb-12 05:55:26	0.00	Halting 001 22-Feb-12 05:18 NxtCore 001
	22-Feb-12 07:48:24	0.00	Logging 002 22-Feb-12 07:48 NxtCore 001
	22-Feb-12 13:08:21	0.00	Halting 002 22-Feb-12 07:48 NxtCore 001
	22-Feb-12 13:13:14	0.00	Logging 003 22-Feb-12 13:13 NxtCore 029
	22-Feb-12 14:10:28	0.00	Halting 003 22-Feb-12 13:13 NxtCore 029
	22-Feb-12 14:33:39	0.00	Logging 004 22-Feb-12 14:33 NxtCore 035
	22-Feb-12 15:02:20	0.00	Halting 004 22-Feb-12 14:33 NxtCore 035

Date: CENTURY\_2-22-12:0001 CH\_TEN-PIMS-33-D4TG A007- HRSC A03 HW11579 Date: 22-Feb-12 17:37:21

TOOL STRING DIAGRAM REPORT



Date: CENTURY\_2-22-12:0001 CH\_TEN-PIMS-33-D4TG A007- HRSC A03 IDLE Date: 22-Feb-12 17:36:13

COMPANY CENTURY OIL COMPANY, INC  
WELL HUGH STARNES 30-2  
FIELD CORKSCREW  
COUNTY COLLIER STATE FL  
HRSC-A  
1" CORE

HALLIBURTON