Date 3 . 12 . 2012

Lossing mit 2003.	Date 3 · 12 · 2012
LWD WATCHDOG REAL-TIME EXP 338 HOLE CO	012H,
Write the date ] (55T) Write the time. Write the depth. TVD Write out your extended connects Include diff change markers Initial your connects.	
Dill String is Still being lowered to the seased ready to spund in COOIZH.	3/12/2012 13:42 2985.0 m
Spedding hale began 3511.	3/12/2012
Current bit depth 3517 m (water-depth at proposed COORH = 3539 m).	3/12/2012 15:12 35/7 M
Problem with tool communication due to low flow ra Engineers working on afix. - In above seased. DEW.	Je. 3/12/2012 15:53 3525 m
Information from kido-san, that SLB run the procedures to check the signal of logging looks.	3/12/2012 1802 SVT 3579m
pull out the pipes @ 1822 to 3493m and n	9/2/2012 1/329 369m
SLB designed to pull up all stings and rep the logging tools, the mission of valed day ton	ight 3/2,2012
BHA and dill string being re-lowered towards the seased	06:32
Rig workers making steady progress lowering the string.	4/12/2012 08:54 716 m

. .

4/12/2012	Still making good progress towards he seafloor.
10:41	Still making good progress towards the seafloor.  Almost halfway in a little over 4 hrs.  At current rate estimate (3pm) 15:00 to seased DJW.
165-1-	At current rate estimate (3pm) 15:00 losested DJW.
5,	į
4/12/2012 8	
15.22	<u></u>
3530 am	tagged mud live, commerced dolling.  That sword of ROP
	JUST SWOB & KOP
4/12/2012	Pushing into the hole.
16:24	
3553.6~	
16:42	Re-tagged mud line at 3538 m. Screen is not PS. updather of lay data. Pushing duran to engage the FS. bit. No logger screen (LWP)
355	uplather as lay data Pushing duran to engage the to
3561.96	bit. No logger screen (LWP)
17:11	Offbottan of ~ 559 3595m. HOTH = 3598.38m
	Still in logitudes before. Recieing Shors & Ro. P.S.
12,25	On betom Drill string is rotating. No logs (LND)
17:35	On betom Drill string is rotating. No logs (LND)
.0	
1820	Rogging start to 136B mbs1; ROP 4CM(m/hr) Strek stop _
	logging start to [36B mbs1; RAP 4[4(m/hi)] Strek stop reductor (STICK) got a peak on this depth (360) mbs1
18:45	@ 3631.75m stop drill for connecting pipes?
	SWT
19200	Keep M 363/m. Pipes Keep notating. Add tentifizer
19214	Keep m 363/m. Pipes Keep rolating. Add Centifizer Add Centifizer? Six J Pipes step rolating. RS Also check the (TAB.RZS).
e .	SINT.
19233	Start Spanning again, but keep the sing agoth (365/m)
192119	
19:47	Restarting drilling the
	(velocity)
20200	The DTCO of higher than expected (ZJKnK) discussed with SAMPA-son.
	discussed with sample - son.

The change of GRRA between 60 90 gAPI will be ignored.	20-39
Pullong up the pipes.	20242.
	20244
RIH Connecting propes.	
Dillog restata 3670hi	2/203-
Stop drolling and move up and down popes. @ 2575 m (3676) SWT	2/230
Restart diffing RDP: 37 m/hr and pill up the stope again. I from 3670 to 3680 m Stop diffing for dissourcing the velocity high.	
Restarting difting	73218
The large drop of gemmi-ray at depth 368t when the re-drith	5 Dec/8012
	0=11
Conspecting propes	
Correction complete, resumed LOD 13 mins to change pipe.	00:24
Note Slowness low metches GR low at 365 -3690 as loot progresses to This is not correct value It matches! DOW.	00:45
Reached 200 well	00:56
Day	00:56 3730 m
GR 90-120 gA9 between 3727 v 3738 3740.	01:12
Spike in Dountole Annular Temp of 3733 erretie Date point!	01:17.
GR Still Muchalong croud 100 gAP1. DOW	01:24 3744 m.
Had to Glop to his broken depth montaing nine at my floor	01:30
	-02:00 ~3750 M

5/12/2012	Stop for pipe correct? - Not sure! Yes	
02:08 3747 m.		TES
5/12/2012	Continued dulling	020
03:23	Reached 3784 = 254 mbsf	DEN.
03:40.	Stop for pipe conect. 3785 of (bit) 3790 mil dept	LED (=
04:55	Massive spikes intedage & medium resistivity at 3807 m + 25 shown + 9 change	DJU.
05:15	of botton for pipe connect	DEU,
05:41	Back on sollon, resure dally	DEL
05:47	Reached 300 ruly.	DEV.
06.31	SWOB increased, at fluctuating around 100 Res. constant ~ 12m., Ring res.  ROP ~ 32.09 m/h.	gAPI, all sughtly lows.
06.47	3865 mbsf spake inc. in SwoB	
06.48	of bostom (who 38849 - Pipe Connection (3866. 44 m TD currentry)	Mon 7
07-08	reamely resumed dalling 37-55 m/h ROP	
07.7	3871.29 Swob increasing (+ 100KN?)	
07:21.	annular pressure; temp, constant.	
07-24.	depth sonic iv3845 mbsf uncreased DTCO, ~115- ar conharing to fluctuate around 95 apri	120 us/ft

07.34,	3880.41m (3879?)	large drop in GR (<45 api)	57
07.48	Spile increcos Councides wi	f approx. Spute in GR with se in Shallow + bit Res. The spite increase M DWOB, DTOR hole slip.	Jī.
07.53;	reclosed flag	Rig floor viol.) - Intense Shaking.  ps' - reduced pype shaking.  10 mbsf > watch for image  quality in this regr	on 1
3860 - 3863	; decrease	in DTRA,	
8.20 am; 3	904.8 to	off bottom: pipe connection.	
8-34 am; Rec 8-39 6	ounted rerection		
09.05 am:	no DTRA ac	dvancement of data points moe	
DTRA incre	eur across	3895 mbsf.	
09-39am;	400m	bsf.	
3924 mbst	Deparahi to higher	ion in shallow of button res. values than, deep, ring objet.	
09.47 am 3942.7	. Slowing for	ppe canadia. of 60000	
10.08	Resumed , Grav	him: 10-12 ain back on bottom.	

10.20 am / 3946.35 mbsf; clall pipe (newed on aghoor cam)
35 shawing (minor) with sorations. data quality? 11.01 am: ROP av. ~ 31 m/hr. 11.26 am 3980, 58 mbsf of bottom - pipe connection 11. Whan served works 11.51 am back on bottom, resuming dolling 12:01PM Shiff Change, Io > Rob R.S. Pipe vibrations util ~ 3996 m 12:30 PM 1001.6Qm -462 mbs F Unit V - Siliciclastic/Vacaniclastic turbilite Facies. 12:33 PM 4003.86 Pipe vibration. Period & Periodic vibrations losting Slight divergence in resistivity logs. RES\_BD-12:58 4018.39 m RES\_BS + RES\_BM -OFF Bottom - Pipe convicet; check shot @ = 3980m @ 1:01 PM 1:26 PM 4618.89 m ON Botton & Pilling 1:30 PM Resistivity los continuing to diverge, source trents 4020.19 in as premores

1:35 PM	- Pipe vibrations, relatively violet R.S.
	- Resistivity lags have converged
1:40 PM	Vibrations creased (Sp?)
144 BW	Thre's been on increase in SWB since pipe connection - dripping back to previous values Pipe
1:52 PM 633 De m	Vibrating Pipe
1:59 PM	Vibrations Appeal
2:01 PM	Arrive at a 800 who f Still Unit V
4038,2m	
2:57PM 4041.83	Pipe vibrations, Strong at first
2:169M	Pipestill Ubrating
2.187M	Vibrations stopped
2:34PM 4056.3m	Pipe connection; OFF Bottom
i de la companya della companya della companya de la companya della companya dell	
3:03 PM \$ 4056.38m	ON Bothom & drilling usual herease in SWOB ofter pipe connect
3:15 PM 4061.6m	Rossibly peretrate daystone, Germa ray increasing,

3:22 PM 4065, 8	Therease in some reading, Deep resistivity, P.S. gamma ray increasing likely Unit VI- pelagic day facies. Rop decreasing.  large temp increase
3:327M 4068.96	Samua & DUB decrease, possible Botton
3:53 RM 9069.66	large spilee in resistanty-bit, lep, med, shallow, ring large decrease in gamma ray, Ron-14 m/hr possible top & bossement, ~ 531 wbs.
	Pipe shaling.
3:187M 4073.16m	Certainly drilling besenvert, "eigeneers change auto- pide of soile"- Dean
3:527M	Resistivity increase = it wrapped around the log.
4:33 PM 4089.67m	Resistivity generally decreasing in age on oscillatory tostion. Country stillvery law.
	Rd - 28 Wh
16.45 PM	OFF Botom - Pipe connect
5:18 PM	ON Bettom. Billing
3:27 PM 4097.64m	Rostis Rosstruity still decreasing govern generally. Rop ~ 15 mh bos lost coherency. ~ 560 mbs F
school of the second second of the second se	

·	NO.
	Date VIE 5.7612
ROP: 9,83m the high peak of GREA at 4/02 mp then c	5%T 100 1747 4166.79m
	1808, 4413 m
high bit resistivity cover the scale)	
We are OVZR 576mbsf, the new field.	
Stop dutling, pull up the strings.	1830 415h
Rack to drill; ROP: 8.96WAY	1850
The GRA = 30 gdpI, ROP= 1084 m/h & Res high.	1915 4120
The value of phonol promoters: GRA 30 gpt for to be	1926 4123.6m
The Value of physical properties: GRA: 339 pt. Les toutes Torgae: 4km.N DWOB: 75 HY CRIM: 60. STICK: 100 STICK minerary helow 4125m	1947 4/273m
DUB and Torque are moreasing.	19252 4126
Chang to by scale of respondy (Value - 40 SQ), 6/13/14	20202 4/3Q6m
Stop drilling, connecting pipes.	20-12 4132m
Restart diffing	2040 4132m
From 410 m; the some log with wrong protong window	60) 7:02 43 m
the velocity must be wrong.	7=274440m

Date AC.	
143 4470	The dalling is smothly many. ROP= 22 mhr. GRRA=15 APIT
	GATA keep stable (15-30) gAPI, Res also keep consistent.
22:36 4165m	ROP to 101 Mr, the hard formation.
225/4/7054	Stop dvalling, connect the pipes.
13:28 410 Sy	Restarting ditting.
Dec 6, 7012	15th GRRA=30 gAPI.
0/209 4/95m	Shallow and mediam resistivity get moveasing.
	The bit vestavity got high to 2052-M
	GRAS drops to 500 gAPI.
02204 42096	1 GRPD up to 30 gAPI; Res all dop.
02208 47085	Stop dottling. Convoling propes.
0237	lost 30 meters disting Start. (670 mbsf) ROP=12,85m/hr
02242 4255 4257m	GREA dops to logATI. Ros dops and get high. GREA over 30 gAPI, ROP=12.17 Mr.
03:08	(4238 = 700mbsf). It's the FINAL COUNTDOLIN! to TD and the the Co-Chief
4216 MBCT.	I lor one hope that we can go another 50-100m because there
216	are some really hatereiting trend in the data
42226/	Knetops to goll GRAZKgAPI. Res all masse.
1	757/1 firsh the logging and say goodbye and good lack.

	- free
105t 10 meters to go! Some on.	4>28.6
the first metre!!?	4237 ~
Delling will continue until the end of the current	06:27
38.5 m pipe section ~ 10m.  Pipe change predicted of 4247 mBCT.  4 m lo go!	4243nge CF: 49
Total Dept Reached!	05:09. 4247.6 MBRT.
4247.6 NBCT & 710 Mbsf. D&W.	
POOH then TAB to COOOZH.	

No	(Remore Console - 202)	Wat	erdepth ~ 3	3113 MBRT
No.		LWD WATCHDOG REAL-TIME EXP 338 HOL		
Same appropriate and collection of the contract of the contract of the contract of the collection of t		St.	Bit Depter (MBRT)	Local Time (JST).
encountries and beautiful and an experience of the second and an experience of the second and an experience of			(MISICI)	
		? Spud-in (close to. : Waiting just off bottom.	_	03.46 am
		off bottom. Pipe connection.	3698.15	03.49 - 4:02 am
		Waiting of bottom -		^
		g ÿ		04.11am.
		3101.64 mBRT - 2eafloor?  - large spite in weight on bit (Surface).	٠.	O 4 · riam.
		Another Spite @ 3/04.20 mBRT		
		waiting		4.12 - 4.19
		advancing Slowly.		
		RT-data beginning		04.22.
		SWOB high, advance slow.	3110.57	04.28
		no rejection.	,	,
		Seoflow testation 3113 m DRT		
		as per CC/EPM (informed @ 04.574an)		
		Seoflow testation 3113 m BRT as per CC/EPM (informed @ 04.54an)  Where are increases.	,	
			3139.57	05.17
		of bottom -pipe connection.  back on bottom.	-	534gm
		Started roraning (Slowly)	3153 -80	05.56 am
				26.07
		Real-time feed down (computer screen		06.07am
		From & minoripe	~3172.73	06.23am
		From minor pe Imstar Righted.	(Bit depth)	
		Computer leed restavished.  (pipe connection)	(3177.53)	66.39an
		(pipe connection)	eff bollom.	

4 SWOB SPIKE @ 3292 MBRT

01	7	1	,
Date 26	11/20	. 1	

Measurement Local Time Comments.  Depth (MBLT), (55T) Comments.  3368. 14:37 Y-ray los spike (n60 gAPI).	
2221 1111111 1 11 11 11 12 12 12 12 12 1	•
3371 14:44 Shallow and median resistingly high - 25	2m
3377. 14:49 Another small progy low (~70 gaps).	
3379 14:51 Small peak in day res (22m)	
3383 Small gray low (-60 GAPI)_	
3383 15:07 Deopres 4.22m, modin res & 07.22m.	
15:08 Mild pipe duckly (brief).	
3386 8-ray low (~55 API)	
3387.5	
53843	
3397.5	
38(4)	
3400 Shallow res ligh. ~ 2.6 12m	
3407 15:30 Of botton for final pipe connection? Reaning.	
15:32 Rpe chocked	
15:43 Ape inchocked 15:53. Dilling rearned, on bottom.	
1) )S. Driving round, on some	
3398-3412 1-ray 90 ± 15 g AP1	
3413 16:06 1-ray low spike ~ 52 APT, corresponding low regions byer - Sondo	Ghalloci
34-18 16:12 / ray now ~ 80 = 25 gAPT. In bot 10 .	
3426 16:22 Wild pipe Orathy.	
3424 16:23 fray 905API for lot 7 mg	
3427 Y-ray how w10 APT Corresponding	Soikein
3427  3428  1001 N 55 gAD?  Corresponding resists  101 N 55 gAD?  Shallow.	d
3499 hall ~110 gAP1. Shallow. >500	2h
3499 hgl ~110gAP1. Shallow.	· · · · · · · · · · · · · · · · · · ·

		Date 26 Dec 12
Measurement Deph (MSCT)	Local The (JST)	Connects
3431		y-ray high ~ 115 gAP1.
	16:41	Pipe-shake.
3444.2	16:48	of below ~ 331.2 msf. 70?
		No, it would seen that They are golde for another pipe Aand
3	16:53 17:01 17:09	Pipe chocked (instips). Pipe correction. Chocks away!! Editing restricted, on botton
	17:20	Pipe Shake
3457	17:29	Rather hungry, almost at Total Depth
	17:33	Pipe Shake
3457		High shallow & medium resishirty - 2.5 & 3.522 respectively
3463.21	17:37	≈ 3570 mbsf. TD.
		of bottom Pootl
	· · · · · ·	

No.	Max Ro 45	op Attempt #2 - Spud-in m/hr. ~ 23:38 26/12/12.			?current strong today? No.
Date - ·		water ~2969 mBRT.			Date 27.12.12
Depth (MBRT)	Time (JST).	Connerts.			
	23:45	pushing down slowly.	3124	05-14	pipe vibrations (3122 mbrt inc. in res, 5hou, Dwob/Tore etc) - linted?
2996:08	00:09	aff bottom - proe connection	3126	05:16	prope ribrations reduced.
	00 ; 36	back on bottom - drilling resumed i push/wash down.	3134	05:28	pipe vibrations/monon., not excessive but visible  STICK going up t clown quite sharply.  Check data quality in this depth interval.
	00:57	Starring rotating - ROP ~42 m/hr	3149.02	05:48	off bottom, prope connection
	01:06	SU ear SUM lhr. (briefly!) Returned to ~41 m/hr.		06:17	back on bottom, drilling resumed
3034.23	01:31	of bottom - pipe connection's back on bottom, chilling reamed.		06;32	minor pipe vibrations, occassional not continuous.  Rop ~ 41 m/hr.
		Rop increasing from 18 m/hr back to 40 m/hr	3165 mBRT	06:40	pipe Shaking, intermitently.
		progressing smoothly; ROP ~ 40 m/hr. SWOB, DWOB, DIOR law	3168	06:,47	pipe vibrations.
	02:43	temporanly 'Out of sync'. ~1/2 minutes.	3169	06:48	200 m bsf reached.
30 69: 00	02;51	100 mbsf reached (~3hrs.).	3179	07:02	pipe vibrahôns.
			3181	07:04	briefly Strong Pipe Vibrahons / Shaking.
3072.46	02:56	off bottom - pipe back on bottom - dolling resumed.	3187,37	67·13 07:51	back on bottom. dning resumed.
3085.00		Ring resistanty increasing, but others staying low. (spike).	3187 - 7		Pipe vibra nons / shaking. bnefly.
	03.52	ROP remaining ~42 m/hr.	3196	08:06.	Pipe vibrations (internettent.)
3095.00	04:06	GR Spilce	3207	08: 21	pipe vibrahans.
3(02	04109	min'ar pipe-shaking /vibranans			
N 3104	04;10	vibrations ceased.	3225.39	68:47	off bottom -pipe connection
3110-70	04·21 04·53	of bottom - pupe connection  back on bottom - drilling resumed  ROP ~ 42 m/hr.		09.26	back-on-botton, chilling resumed.  ROP. 40 m/hr
		$KOP \sim 42 m/m$			

i

Depth BRT)	Time.	
Depth (mb/21) ~ 3239	09-46	-Dall Floor tr. monitur Prozen > not possude
		to cossess vibration of pipe,
	@r .	
3263 49	10 · 23	-off bottom. (TD) POOH.
(ims TD 3263.36m)		
-		
8		·
_		

	Date	0	٠
	. 1 .		1 ,
*			
·			
			,

	£	XP 338 HOL	E CO022A Walfer ~2704.5 MBRT.
No.			(NTZ-13A) Death, No.
Date · ·		UD WATCHD	OG REAL-TIME Section/ mudline. Date 28. Dec. 12
	Deolu	Time (JST)	Connects. DJW.
	MBLI	~16:30	Spud in informed by Leva - (16:20)
			Testative water depth.: 2704.5 mBlT 0 6 428 mbsf.
			TD: 3132.5 MBRT. ~420MSV.
			Washdown -40 m. Plan to dill mil ~ 22:00
	2225		then pull up to NOW. Rosume
	2725	16:40	Pushing down Glasly. early worning 29 Dec once wond & waves calm
	2724	16:57	Mid-pipe concetion
	2729	17:10	Book - Ido and .
	2121	17.10	Back on botton, pushing down
·	27045-		Y-ray and resistivity shabilising to 75 gAPI and MIRM.
	2708		to gett and MILM.
	2734	17:19	Reached ~30 mbsf, Should Part rotating soon
	2339	12.20	
	2239	. 17:28	Still pulsing dass GR has been 75-85 gAP1.  Res has been ~1-1.2 IRm  Small peak in Deep res - 1.552m
	2742	7.71	Small peak is Doep res - 1.552m
	2744	17:36	Rotation Segins 8 1-rey -45-90 gAP1.
			/
	27-60	18:51	V ray Shill ~ 75 gAP1. Moe is workly to fix the resistivity scale from logarithmic 0.2 - 2000 to linear 0-5.
			Moe is working to fix the resulting scale from
			( German C. E. Zeec ( Mines C. )
	2762	18:04	Mild pipe shake!
·		18:05	Real-Kne Lenglale fixed
	2015		,
	2767	18:13	Offshor. Pulling ip, no rotation Chocked for pipe connection.
		(0.14	Chocker for pipe concernor.
		**	WENT FOR DINNER
		18:32	Oak of charts All Al Lille at 2741 a ROT
			Tool display reporting Out of Sync.
		18:35	Back h Syrc
		18:36	Out of chocks, Still off bottom at 2761 mBRT. Tool display reporting Out of Sync. Back in Sync Robertion soons again Back on Sottom
		18:40 -	The on owner
		(0-,	

Date 20 · Dec. 12		
Degli (MSCT)	(5ST)	Connects DJW.
2773	18:50	
2790	19:16	1-ray has been vaging between 65 and 90 gAPI loss kny has been constantly between I and P.Z. Im.
2788-27914		Residinfy light of 1,5 Dm, 8-ray 90-105 gAPT
2795		Back lo 75 gAPI, 1.0 Rm
2806	19:44 20:04 20:16 20:21 20:23 20:24 20:26 20:29 20:31 20:34 20:36	Of botton Chocked for pipe connection Out of chocks, still off bottom, not rotating Real-three display reporting signal loss In Sync Out of Sync! Signal Loss In Sync Lotating once more Mild pipe shake Back on Bottom.
2800-2810		Restilling a 1.5 Dm, except low at a 2804 NBCT
N	20:55	Mild pipe Shake
2818 2820-		Drop in Rol from u32 -> ~22 ~/hr. Recovered to ~30 m/hr.
2823	20:16	Bit res dopped to 0.75 Dr
2825	21:20	y-ray of the scale! 180 gAP1. 120mbsf
2.820		Downhole To P off the scale!!? Error??  At a some time a high y-ray dilled Los Posilla but thou but thou but thou homal.  Also shallow res - 2.5 In deep res - 0.5 In medium res was off the scale but now appears normal.  Tip of the Magasplay?

		Date 28 Dec 12
Deph (mBRT)	(JST)	Connerts DJW.
2834	21:42	1-ray returned to ~75-95 gAPI & since the resilibility ~ 1.0-1.5 Dm. large spikes
		Lookly back of STICK indicator, there may be high stick-slip from a 2800 - 2830. MBRT \$\times 100 - 130 Mbg.
2840	~22:00	Off softon wow.  Alling hole with Kill and  With the pull up to 40 absf.  Rosene dilling once the high wind a worse die down.
		29.12.12.
	63:00	Resumed running down, not yet back on Dept
	03.40	Back on bottom
2841 93	03.46	off bottom. : pipe connection?
	3:56	out of slips
	04:08	Back on bottom; clasting resurred.
		Ship hearing still.
2850	04:30	Et Turbine roration speed spike (since gone)
2869 . 88	04.56	off bottom; out of sync. Signal loss.
	05:00	In sync.
	05.02	Back on bottom
N 2871	05:05	out of sync
2872	;07	In Sync
		ROP = 25 m/m
		STICK Nigh
2881.89	07:31	Off bottom: pipe connection.
	05:59	back on bottom.

		Date 29 . 12 . 12
DEPTH (MBRT)	Time.	
2987-10	10.28	0.6.5.
2988.01	10:30(06)	
2988.45	10:30(51)	0.0.8.
	10:32 (05)	b i.S.
		low ROP.
2994.81	10.44	0.0.5-
2995.	10:46	back in sync.
2996.35	10:47.	off bottom; pipe connection.
	11:13	,
		back on bottom,
3004.5	11; 29	~ 300 mbsf DJU watchdag:
3022	12:02	Rol -30 m/hr.
		"It seems that the large peaks in P, T and y-ray
		observed of 2820 " 2825 may have been due to out-of-sync readings made by the BMA" - ST.
		We will have to wait to see the Manny data.
3016 8 3023		A comple of spikes in downhole P - caused by spikes in equivalent circulating descrity.
3017		Doubble T 10 - 15°C - 10°C over - 4 m.
3034	12:25	~ 100 m mil TD.
3035	12:26	of botton, pipe correction
3036	13:11	Back on Solkon
3052	13:38	After ST told me that she had little confidence in
3067	14:46 -	by take a fea break on the Helideck to calm down Sack from my break - missed nothing musual in either y-ray or resishippy.

Depth (mBRT)	Time.	
2884.88	06:07	Out of Sync.
	66:67	Out of Sync.
2894 . 55	06: 29	Out of sync. (o.o.s.)
2895-16	06 : 31	
2902.22	06: 54	(~200 mbsf)
	06:55	la sque.
20.4	a7 1/	. Ωα
2919.44	07.16 67.40	of bortom - pipe connection
	0 -7 -4-0	baon on 681rom. high R.O.P 750-60
2927.	07:53	0-0-3. (out of sync.)
2928.35	07.58	in sync.
0		increased DWOB.
2929	08:00	Mild pipe vibrations. (2925 - 2929)
	·	hess heave. high ring res + GR - real? (2929 mBRT)
2932-40	08:05	off bottom
	08:08	back on bottom.
273>	08:17	0-0-5.
	68-19	b. in back in sync)
2957.9	08.49	
~ 151	69:14	back on bottom - dalling resumed
		pipe shaking.
	09:55	weather t bedang heave calmer, though not totally calm.
2978.57	10:03	off bottom.
	10:06	back on bottom.
3783.98	10:18	back on bottom.
1		las RORM

110.	and the second second			No.	
Date 29 Dec. 13	2			Date •	
Dem (MBRT)	(SST)				
3095	15124	Resistanty Oil ~1.252~ 8-ray 60-90 gAPT.		, , ,	,
3107	15:36	y-ray dop b 45 gAPI (small peak).			
3107	15:42	> 403 mbsf ~ 25 metres to go!  The final  Off Sollon berpipe connection ~ 406 mbsf.			
3111	15:50	Of Jothen Poppe connection ~406 rdsf.			
,	16:04	hip chocked ! Chocks Ansay!			
à.	16:24	Back or Bottom, dilling resumed.  Planning to slop at the inconforming, estimated 430 most as below this, at other other, Isto of sand was found, and the would lead to an instable hole.			
3117 3117 73115	16:45	y-ray low peak to 60 gAPI.  ring res chop to below 1.0.2m  Roll increasing 40 -> 45 m/hr. backer with gradual ov.  Implies sandy layers reached. 79-> 60 gAPI  TD called	•		
TO AMERICAN		TD = 3124, 5 mBRT = 420 mbsf.			
	, , , , ,			, , , ,	