



Baker Hughes INTEQ

Daily Drilling Mud Report 4

API#		Report Date 01/Oct/2001		Depth MD 565 m		TVD m	
Acc.#		Spud Date 29/Sep/2001		Present Activity		RIH 12.25" 88BY	
Operator		Contractor		Rig No.			
Woodside Energy Limited		Diamond Offshore		Ocean Bounty			
Report For		Report For		Legal Description			
D Bell / J Trethewie		Ged Johnson / Ron Safar		Exploration			
Well Name and Number		Field or Block Number		Lease, Offshore Area		State Country	
Geopraphe North-1		VIC / P43		Bass Strait		Victoria Australia	
Drilling Assembly		Casing/Riser		Volumes		Pump Information	
Hole Size	Depth	Bit Type	50	10	Net	Hole	
12.25 in	565 m		21	19.75	0	National 12-P-160	12 6 97 0.1018
Drill Collar	Drill Pipe		13.375	12.347	0	National 12-P-160	12 6 97 0.1018
OD 10 Length m	OD 10 Length m					National 12-P-160	12 6 97 0.1018
	565					Total Vol.	
						In Storage	
						2134	
Mud Properties		Drill Collar Ann. Vol.		Circulation Times			
Source	Conqueror	Pit # 4	DC#1 m/min	Surface to bit min	Full Cycle Time min		
T	06:45	15:45	DC#2 m/min	Brms up min	Mud Type	PHB	
Surface Temp C	49	49	DC#3 m/min	Solids Analysis			
Flowline Temp C			DC#4 m/min				
Depth MD m	565	565	0	Drill Pipe Ann. Vol.	ASG	3.64	3.64
Mud weight sg	1.14	1.14	0.00	DP#1 m/min	LGS ppb	11.01	11.01
Funnel vis. sec/qt	60	63		DP#2 m/min	HGS ppb	33.38	33.38
Plastic Viscosity cp	14	17		DP#3 m/min	LGS%	1.21	1.21
Yield Point lbs/100ft2	17	20		DP#4 m/min	HGS%	2.27	2.27
Gels 10 sec lbs/100ft2	4	5		Bit Information	Bentonite ppb	3.21	3.21
Gels 10 min lbs/100ft2	4	6		Size in	Bentonite%	0.35	0.35
Gels 30 min lbs/100ft2				Type	Drill Solids ppb	7.80	7.80
API Filtrate cc	3.6	3.8		Number	Drill Solids%	0.86	0.86
HTHP API				Depth in m	Rheology		
HTHP Temp. C				RPM	600 RPM	45	54
Cake API	1	1		WOB lb	300 RPM	31	37
Cake HTHP				Nozzles	200 RPM	25	29
% Water	91	91		Bit Hydraulics	100 RPM	17	22
% Oil				TFA in2	6 RPM	4	6
% Solids	6	6		Nozzle velocity ft/sec	3 RPM	4	4
% Corr. Solids	3.48	3.48		Pressure Drop	Hydraulic Analysis		
% Glycol	3	3		Hydraulic HP	n Annulus	0.413	
Sand Content	0.3	0.5		HHP/eq in	k Annulus	10.419	
MBT ppb	4.00	4.00	0.00	Impact Force lbf	System Hydraulic Horsepower		
Ch ⁺ mg/l	45 000	45 000		Nozzle Diam. in	ECD @ TD sg		
Total hardness mg/l	560	560		Pressure Drop%	Velocity in Riser m/min		
Magnesium mg/l	97	97		Mud Property Specification			
Calcium mg/l	400	400		Weight	Viscosity	Filtrate	
Potassium mg/l	32000	32500		1.14 - 1.25 sg	6 pm 8 - 10	< 6.0	
CaCl2 mg/l				Recommendations:			
NaCl mg/l	26 374	25 626		Added 0.5ppb Flowzan to increase 6 rpm and 0.25ppb caustic to > pH.			
MgCl2 mg/l				6 rpm will be increased to 8 - 10 with Flowzan once drilling underway			
KCl mg/l	61 014	61 968		Built 236bbls un-weighted premix for addition and weight control if necessary.			
pH	7	8.8		Dressed shakers with used 105 and 120 mesh screens. Screens will be fined up once mud			
Alk. Pm	0			has warmed up and polymer additions have been sheared thru' the bit.			
Alk. Pt	0	0.05		Built LCM Pill # 2 in Pill pit (124bbls @ 1.24sg). Added Flowzan to suspend product and			
Alk. Hf	0.6	0.7		glutaraldehyde to prevent bacterial degradation.			
Hydroxyl mg/l				Rec'd 78 MT Baryte ex Pacific Conqueror			
Carbonates mg/l		60		Rec'd 1,085 bbls Aquadrill ex Pacific Conqueror @ 1.14sg (see check 1)			
Bicarbonates mg/l	732	732		Note this is a shortfall of 170bbls as 1,255bbls backloaded.			
KCl %	6	6		Remarks:			
Penetrax %				R/U and run riser and BOP's.			
Glycol %	3	3		Slip and cut drilling line.			
				M/U 12.25" BHA and RIH.			
API Rep.	Rep. Phone	Warehouse	Warehouse Phone	Daily Cost	Cum. Cost	Inventory Value	
L. Curry / A. Owen	9348 6953	Dampier / Portland		108 136.49	136 465.78	216 456.86	

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Operator	Contractor	Diamond Offshore			Rig No.	Ocean Bounty
Report For	Report For	Ged Johnson / Ron Safar			Legal Description	Exploration
Well Name and Number	Field or Block Number	Lease, Offshore Area			State	Country
Geographe North-1	VIC / P43	Bass Strait			Victoria	Australia
Totals						
Previous Cost US\$	30 329.29	Total Inventory Value US\$	216 458.86	Total Weight Material MT	182.44	
Daily Cost US\$	108 136.49	Total Chemical Deck Load MT	248.02	Total Pit Weight MT		
Cumulative Cost US\$	138 465.78	Max Potential MudWt appr		Total Deck Load MT	248.02	

Products and Services

Products	Units	Initial Balance	Received	Returned	Used	Unit Cost	Total Cost	Closing Balance	Comment
CITRIC ACID	25 kg bag	9				54.01	.00	9	
DRISPAK R	50 lb bag	38	61		2	122.01	244.02	97	
DRISPAK SL	50 lb bag	14	80		4	122.01	488.04	90	
FLOWZAH	25 kg bag	11	88		15	308.38	3 094.38	81	
KWIKSEAL C	40 lb bag	0				37.52	.00	0	
KWIKSEAL F	40 lb bag	21			30	37.52	1 125.60	42	
KWIKSEAL M	40 lb bag	62			45	37.52	1 686.40	17	
GUAR	25 kg bag	36				78.87	.00	36	
THERMOSET M	25 kg bag	31			11	91.19	1 003.09	20	
GLUTERALDEHYDE 25%	5 gal pail	3			1	74.36	74.36	2	
THERMOSET F	25 kg bag	42			24	91.19	2 188.56	18	
AQUA-COL B	200 liter drum	14			1	912.66	912.66	13	
MIL-GEL	1 MT bulk	52.16				258.26	.00	52.16	
KOH	25 kg pail	14				36.81	.00	14	
MUD XFER GEOGRAPHE N	1 bbl	0	1898		1898	45.77	86 871.46	0	
ALPHEX	50 lb bag	0	160			71.81	.00	160	
AQUA-COL	200 liter drum	14	52		4	669.76	2 679.04	62	
CALCIUM CHLORIDE 96%	25 kg bag	40				17.42	.00	40	
CAUSTIC SODA	25 kg pail	15			4	26.01	104.04	11	
CHEK-LOSS	25 lb bag	102			40	42.27	1 690.80	62	
LD-8	20 liter pail	20				80.85	.00	20	
MIL-BAR	25 kg bag	200				1.70	.00	200	
MIL-BAR	1 MT bulk	47.6	78			161.78	.00	125.6	
NEW-DRILL	20 liter pail	20	96			48.72	.00	127	
NOXYGEN I	5 gal pail	14				33.63	.00	14	
PENETREX	55 gal drum	4	24		4	736.52	2 946.08	24	
KCL, bulk	1 MT bulk bag	3	(19)		3	353.82	1 061.46	(19)	
SAPP	25 kg bag	40				67.40	.00	40	
SODA ASH	25 kg bag	26				13.17	.00	26	
SODIUM BICARBONATE	25 kg bag	40				5.81	.00	40	
COMER 120 P	25 kg bag	6	76		4	105.59	422.36	78	
CIRCAL 1000	25 kg bag	24				16.15	.00	24	
CIRCAL 60 16	25 kg bag	20			11	18.62	204.82	9	
CIRCAL 7	25 kg bag	7			48	21.00	1 002.00	24	