

Drilling Mud Report(Off Shore)

Engineer **H.Ito**
M.Sawaguchi

No. _____ Date 10, December, 2013 TOTAL Depth(MSL) 3,887.5 m
Company MQJ Well Name C0002N (NT3-01) BRT Depth: 3,916.0 m, SSL Depth: 1,948.5 m

Casing Program		Mud Volume & Bit Data		Pump Data		String Data		Circulation Data (min)	
Conductor	36 in 2,121.5 m	Riser Vol. (m ³)	392	Pump No.1 (l/st)	19.45	DP Size (in)	5	Surface to Bit	:
Intermediate	20 in 2,827.8 m	CSG Vol. (m ³)	154	Pump No.2 (l/st)	19.45	DC1 Size (in)	8.5	Bottom's Up	:
Intermediate	13.375 in 3,976.5 m	B/Hole Vol. (m ³)		Pump No.3 (l/st)	19.45	DC2 Size (in)		Surf to Surf	:
Intermediate	in m	Disp Vol. (m ³)	19	P/Speed No.1 (spm)		A/Vel DP (ft/min)		System Total	:
Intermediate	in m	T/Circ Vol. (m ³)	627	P/Speed No.2 (spm)		A/Vel DC1(ft/min)		P/ Press(Mpa)	:
Intermediate	in m	Pit Vol. (m ³)	100	P/Speed No.3 (spm)		A/Vel Riser(ft/min)			
Production	in m	Bit Size (inch)	12.25	Rate (gal/min)					

Mud Type:	KNPP	Mud Properties				Materials Name		Daily Amount	Total Amount	Daily Cost
Time (Sampling : Suction)		7:00	17:00			Tel-Bar				
Depth (m)		Pit	Pit			Kunigel VO (Bulk)				
Mud Weight (SG/PPG)		1.15 9.6	1.15 9.6			NaCL				
Funnel Viscosity(sec./qt.)		90	82			KCL				
A.V(cps) at / cent.		55	54 / 29.5			Tel-Polymer DX				
P.V(cps)		38	38 / 21			Tel-Polymer L				
Y.V(lb/100ft ²)		34	32 / 17			Tel-Polymer H				
10"Gel(lb/100ft ²)		3	4 / 3			XCD-Polymer				
10'Gel(lb/100ft ²)		7	7 / 6			Soda Ash				
API Filtrate(cc/30min.)		3.5	3.5			Caustic potash				
Cake Thickness(mm)		0.5	0.5			Clean Lube				
pH(-)		11.9	12.0			Tel Clean				
Pf(cc)		0.3	0.3			Bi-Carbonate				
Pm(cc)		5.5	5.5			Lime				
Mf(cc)		0.3	0.3			Defoamer 30C				
Cl (mg/l)		78,100	78,100			Telnite GXL				
Sand Content(%)		0.3	0.3			Tel-DD				
Oil Content(% Vol.)		0	0			Caustic soda				
Solid Content(% Vol.)		8	8			Lignite NC				
M.B.C.(cc/cc.mud)		1.00	1.00			Astex S				
Temperature(in/out cent.)		15	19							
HT-HP Filtrate(cc)						Tel Stop G				
HT-HP Filtrate Cake(mm)						Tel Stop P				
K ⁺ (mg/l)		31,800	31,800			Tel Mica C				
Ca ⁺⁺ /Mg ⁺⁺ (mg/l)		120	120			Tel Mica M				
n Value(600rpm/300rpm)		0.61	0.63			Tel Mica F				
k Value(600rpm/300rpm)		1.59	0.73			Tel Plug C				
LGS/Drill Solids(% Vol.)		1.4 0.8	1.4 0.8			Tel Plug M				
						Tel Plug F				
						Tan Cal M				
						Tan Cal F				
						Tan Cal FF				
						EZ Spot (gal/drm)				
						Speeder P				
						Speeder X				

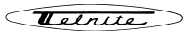
VG METER READING							
Time	Temp	600rpm	300rpm	200rpm	100rpm	6rpm	3rpm
7:00		110	72	56	36	5	3
17:00	15 49	108 59	70 38	53 29	33 18	5 3	3 2

Well Summary
 Cont strip HPS for inspection. Activated Planned EDS#3 , LMRP Disconnected.
 Cont strip HPS for inspection. Rig up riser handling equipment, Riser running tool.

Conditioning mud
 Added KCL, Polymer, Soda ash and Caustic soda into Circ mud.

On hand and Remarks
 1.11sg KNPP mud : 470m3 @Re#1, Re#2 and Re#3
 1.16sg Hi-vis mud : 27m3 @Act#2
 1.13sg 20%LCM mud :24m3 @Act#3
 1.15sg Return Circ KNPP mud :552m3 @Act #4, #5, Re#5,#6,#7
 Today's lost mud --m3. (Total 481m3).

Shale Shaker							De-Sander		Mud Cleaner		Centrifuge		
No.	#.1	#.2	#.3	#.4	#.5	#.6	#.1	#.2	#.1	#.2	#.1	#.2	#.3
Top	20	20	20	20	20	20							
Btm1	180	180	145	145	180	180					ON	OFF	OFF
Btm2													
Daily Cost													
Total Cost													



BALLAST REPORT(Off Shore)

NO. _____

Well Name C0002N (NT3-01)

DATE 10, Dec, 13

TIME 24:00

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	Dirty S/W	1.03sg	13.0KL			
Active #2	Hi-Vis mud	1.16sg	27.0KL			
Active #3	20%LCM mud	1.13sg	24.0KL			
Active #4	KNPP	1.15sg	57.0KL			
Active #5	KNPP	1.15sg	57.0KL			
Active #6	Dirty S/W	1.03sg	69.0KL			
Chemical	Empty					
Slug	Slug mud	1.38sg	6.0KL			

Chemical Tank

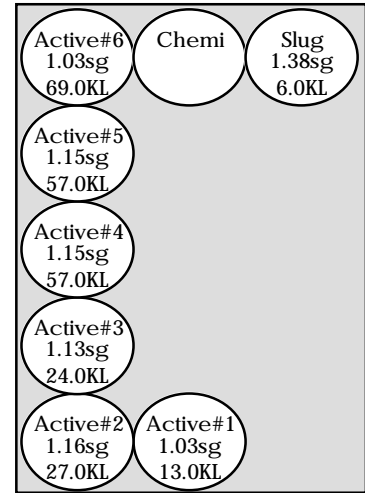
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	15,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank #1	Bentonite	10,000kg	
Daily Tank #2	Barite	40,000kg	
Bar/Surge #1	Barite	2,500kg	
Bar/Surge #2	Barite	1,500kg	
Gel/Surge #2	Bentonite	800kg	

Chemical Tank Total WT 203.8 ton

Reserve Tank & Solid Control Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Reserve #1	KNPP	1.11sg	170.0KL			
Reserve #2	KNPP	1.11sg	180.0KL			
Reserve #3	KNPP	1.11sg	120.0KL			
Reserve #4	KNPP	1.15sg	132.0KL			
Reserve #5	KNPP	1.15sg	181.0KL			
Reserve #6	KNPP	1.15sg	125.0KL			
Reserve #7	Empty					
Reserve #8	Empty					
Sand Trap	KNPP	1.15sg	10.0KL			
Degasser	KNPP	1.15sg	10.0KL			
Desander	KNPP	1.15sg	10.0KL			
Desilter	KNPP	1.15sg	10.0KL			
Soli/con CF	KNPP	1.15sg	10.0KL			
Mud Return	KNPP	1.15sg	10.0KL			
Barite Rec CF	Drill water	1.00sg				

Mud Tank Total WT 1376.7 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240		70,240	193,000	
Kunigel VO (Bulk)		29,460		18,660	10,800	

Total SX ROOM Weight 134.2 ton

Total Weight 1,714.7 ton

Made by : M.sawaguchi