

Drilling Mud Report(Off Shore)

Engineer **M.Sawaguchi**
H.Ito

No. _____ Date 16, November, 2013 TOTAL Depth(MSL) 4,269.0 m
 Company MQJ Well Name C0002N (NT3-01) BRT Depth: 4,297.5 m, SSL Depth: 2,330.0 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)		Surface to Bit	:
Intermediate	20 in 2,827.8 m	CSG Vol. (m ³)	143	Pump No.2 (l/st)	19.45	DC1 Size (in)		Bottom's Up	:
Intermediate	in m	B/Hole Vol. (m ³)	219	Pump No.3 (l/st)	19.45	DC2 Size (in)		Surf to Surf	:
Intermediate	in m	Disp Vol. (m ³)	29	P/Speed No.1 (spm)		A/Vel DP (ft/min)		System Total	:
Intermediate	in m	T/Circ Vol. (m ³)	825	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)	17	Rate (gal/min)					

Mud Type:	KNPP	Mud Properties				Materials Name		Daily Amount	Total Amount	Daily Cost
Time (Sampling : Suction)		4:00	17:00		Tel-Bar					
Depth (m)		Pit	Pit		Kunigel VO (Bulk)					
Mud Weight (SG/PPG)		1.13 9.4	1.13	9.4	NaCl					
Funnel Viscosity(sec./qt.)		111	125		KCL					
A.V(cps) at /50 cent.		61	63 /34.5		Tel-Polymer DX					
P.V(cps)		39	40 / 21		Tel-Polymer L					
Y.V(lb/100ft ²)		44	46 / 27		Tel-Polymer H					
10"Gel(lb/100ft ²)		9	8 / 5		XCD-Polymer					
10'Gel(lb/100ft ²)		11	10 / 8		Soda Ash					
API Filtrate(cc/30min.)		3.0	3.0		Caustic potash					
Cake Thickness(mm)		0.5	0.5		Clean Lube					
pH(-)		10.0	10.0		Tel Clean					
Pf(cc)		0.1	0.1		Bi-Carbonate					
Pm(cc)		2.4	2.4		Lime					
Mf(cc)		0.3	0.3		Defoamer 30C					
Cl (mg/l)		78,100	78,100		Telnite GXL					
Sand Content(%)		0.2	0.2		Tel-DD					
Oil Content(% Vol.)		0	0		Caustic soda					
Solid Content(% Vol.)		7.5	7.5		Lignite NC					
M.B.C.(cc/cc.mud)		1.00	1.00		Astex S					
Temperature(in/out cent.)		17	13	7	Tel Stop G					
HT-HP Filtrate(cc)					Tel Stop P					
HT-HP Filtrate Cake(mm)					Tel Mica C					
K ⁺ (mg/l)		26,900	26,900		Tel Mica M					
Ca ⁺⁺ /Mg ⁺⁺ (mg/l)		80	80		Tel Mica F					
n Value(600rpm/300rpm)		0.56	0.52		Tel Plug C					
k Value(600rpm/300rpm)		2.60	1.84		Tel Plug M					
LGS/Drill Solids(% Vol.)		1.8 1.2	2.0	1.5	Tel Plug F					
					Tan Cal M					
					Tan Cal F					
					Tan Cal FF					
					EZ Spot (gal/drm)					
					Speeder P					
					Speeder X					

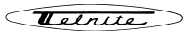
VG METER READING							
Time	Temp	600rpm	300rpm	200rpm	100rpm	6rpm	3rpm
4:00		122	83	67	45	10	7
17:00	15 49	126 69	86 48	70 38	48 27	11 6	8 4

Well Summary
 POOH, NSP not retrieved. RIH with WBRT. Land out NSP at well head. bit depth 2099m.
 Retrieve NSP and POOH. M/up CMT stand and rack back. Rig up 13-3/8"CSG handling equipment. Run 13-3/8"CSG.

 Run Centrifuge No.1 and No.2 (14:30-24:00) with booster line.
 Today's lost mud --m3. (Total 225m3)

On hand and Remarks
 1.13sg KNPP mud : 176m3 @Res#4 and Act#6 (circ mud)
 1.05sg KNPP mud : 86m3 @Res#1 (new mud)
 1.12sg 300qt/sec Hi-vis mud : 11m3 @Act#1
 1.12sg 10%LCM mud :2m3 @Chemical tank, 1.28sg Slug mud: 12m3 @slug tank

Shale Shaker						De-Sander		Mud Cleaner		Centrifuge			
No.	#.1	#.2	#.3	#.4	#.5	#.6	#.1	#.2	#.1	#.2	#.1	#.2	#.3
Top	10	10	10	10	10	10					ON	ON	OFF
Btm1	175	175	180	180	180	180							
Btm2													
Daily Cost													
Total Cost													



BALLAST REPORT(Off Shore)

NO. _____

Well Name C0002N (NT3-01)

DATE 16, Nov, 13

TIME 24:00

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	Hi-vis mud	1.12sg	11.0KL			for flush and spot
Active #2	MT					
Active #3	MT					
Active #4	KNPP	1.13sg	40.0KL			Circ mud(active)
Active #5	MT					
Active #6	KNPP	1.13sg	65.0KL			Circ mud
Chemical	10% LCM	1.12sg	2.0KL			
Slug	Slug mud	1.28sg	12.0KL			

Chemical Tank

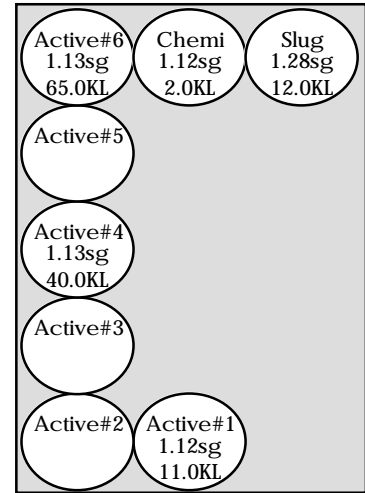
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	60,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank #1	Bentonite	10,000kg	
Daily Tank #2	Barite	32,000kg	
Bar/Surge #1	Barite	1,300kg	
Bar/Surge #2	Barite	500kg	
Gel/Surge #2	Bentonite	2,000kg	

Chemical Tank Total WT 239.8 ton

Reserve Tank & Solid Control Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Reserve #1	KNPP	1.05sg	86.0KL			Dilution
Reserve #2	Empty					
Reserve #3	Empty					
Reserve #4	KNPP	1.13sg	111.0KL			Circ mud
Reserve #5	Return SW	1.03sg	165.0KL			
Reserve #6	Empty					
Reserve #7	Empty					
Reserve #8	Empty					
Sand Trap	KNPP	1.13sg	10.0KL			
Degasser	KNPP	1.13sg	10.0KL			
Desander	KNPP	1.13sg	10.0KL			
Desilter	KNPP	1.13sg	10.0KL			
Soli/con CF	KNPP	1.13sg	10.0KL			
Mud Return	KNPP	1.13sg	10.0KL			
Barite Rec CF	Drill water	1.00sg				

Mud Tank Total WT 602.1 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240	2,500	35,440	227,800	
Kunigel VO (Bulk)		29,460		17,460	12,000	

Total SX ROOM Weight 105.0 ton

Total Weight 946.8 ton

Made by : H.ito