

Drilling Mud Report(Off Shore)

Engineer **K.Mori**
H.Ito

No. 35

Date 23, November, 2013

TOTAL Depth(MSL) 4,269.0m

Company **MOJ**

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)	159	Pump No.2 (l/st)	19.45	DC1 Size (in)		Bottom's Up	:
Intermediate	13.375 in 3,978.3 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)	26	P/Speed No.1 (spm)		A/Vel DP (ft/min)		System Total	:
Intermediate	in m	T/Circ Vol. (m ³)	625	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 Rise(ft/min)			
Production	in m	Bit Size (inch)		Rate (gal/min)					

Mud Type:	KNPP	Mud Properties				Materials Name		Daily Amount	Total Amount	Daily Cost
Time (Sampling : Suction)		5:00		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.)		120		125		KCL				
A.V(cps) at /49 cent.		63.5		63.5/ 37		Tel-Polymer DX				
P.V(cps)		40		40 / 24		Tel-Polymer L				
Y.V(lb/100ft ²)		47		47 / 26		Tel-Polymer H				
10"Gel(lb/100ft ²)		8		9 / 5		XCD-Polymer				
10'Gel(lb/100ft ²)		10		10 / 6		Soda Ash				
API Filtrate(cc/30min.)		3.0		2.8		Caustic potash				
Cake Thickness(mm)		0.5		0.5		Clean Lube				
pH(-)		10.0		10.1		Tel Clean				
Pf(cc)		0.1		0.1		Bi-Carbonate				
Pm(cc)		1.9		1.9		Lime				
Mf(cc)		0.3		0.3		Defoamer 30C				
Cl (mg/l)		71,000		71,000		Telnite GXL				
Sand Content(%)		0.1		0.2		Tel-DD				
Oil Content(% Vol.)		0		0		Caustic soda				
Solid Content(% Vol.)		7		7		Lignite NC				
M.B.C.(cc/cc.mud)		1.00		1.00		Astex S				
Temperature(in/out cent.)		14		12		Tel Stop G				
HT-HP Filtrate(cc)						Tel Stop P				
HT-HP Filtrate Cake(mm)						Tel Mica C				
K' (mg/l)		28,100		28,100		Tel Mica M				
Ca ⁺⁺ /Mg ⁺⁺ (mg/l)		80		80		Tel Mica F				
n Value(600rpm/300rpm)		0.55		0.57		Tel Plug C				
k Value(600rpm/300rpm)		2.90		1.47		Tel Plug M				
LGS/Drill Solids(% Vol.)		1.0	0.5	1.0	0.5	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
5:00		127	87	70	48	11	8
17:00	15 49	127 74	87 50	70 40	48 28	11 6	8 4

Well Summary

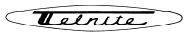
Continue POOH. Lay out PADRT BHA. Make up and RIH WBRRT with 13-3/8" wear bushing to well head. Jet BOP and well head. RIH to 2108m. Released wear bushing from WBRRT. Pressure test kill line 6000psi, 10min. BOP pressure test 300psi, 5min and 5500psi, 10min.

Today's lost mud --m3. (Total 481m3).

On hand and Remarks

1.11sg KNPP mud : 470m3 @Re#1, Re#2 and Re#3
 1.12sg Hi-vis mud : 11m3 @Act#2
 1.13sg 20%LCM mud :24m3 @Act#3

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							
Btm1	145	145	145	145	145	145					OFF	OFF	OFF
Btm2	145	145	145	145	145	145							
Daily Cost													
Total Cost													



BALLAST REPORT(Off Shore)

NO. 35

Well Name C0002N (NT3-01)

DATE 23, Nov, 13

TIME 24:00

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	CMT Spacer	1.50sg	3.0KL			For Cementing
Active #2	Hi-Vis mud	1.12sg	11.0KL			
Active #3	20%LCM mud	1.13sg	24.0KL			
Active #4	KNPP	1.13sg	50.0KL			Circ mud(Active)
Active #5	KNPP	1.13sg	73.0KL			Circ mud
Active #6	Empty					
Chemical	SW	1.03sg	20.0KL			
Slug	Slug mud	1.28sg	11.0KL			

Chemical Tank

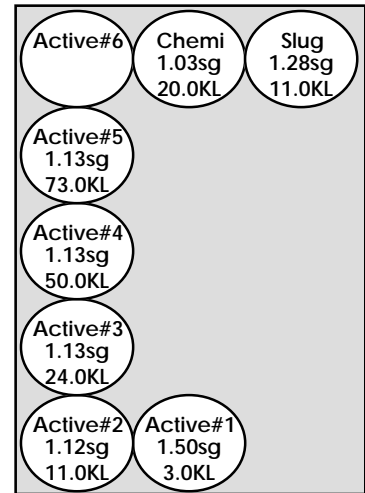
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	60,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank#1	Bentonite	10,000kg	
Daily Tank #2	Barite	7,700kg	
Bar/Surge #1	Barite	2,000kg	
Bar/Surge #2	Barite	2,300kg	
Gel/Surge #2	Bentonite	800kg	

Chemical Tank Total WT 216.8 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	SW	1.03sg	23.0KL			
Reserve #5	Return SW	1.03sg	96.0KL			
Reserve #6	Empty					
Reserve #7	Empty					
Reserve #8	Dirty SW	1.03sg	135.0KL			
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 1068.7 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240		57,240	206,000	
Kunigel VO (Bulk)		29,460		18,660	10,800	

Total SX ROOM Weight 94.0 ton

Total Weight 1,379.5 ton

Made by : It.ito