

Drilling Mud Report(Off Shore)

Engineer H.Ito
K.Mori

No. 56

Date 14, December, 2013

TOTAL Depth(MSL) 3,889.5m

Company MOJ

Well Name C0002P (NT3-01)

BRT Depth: 3,918.0m, SSL Depth: 1,950.5m

Casing Program		Mud Volume & Bit Data		Pump Data		String Data		Circulation Data (min)	
Conductor	36 in 2,121.5 m	Riser Vol. (m³)	392	Pump No.1 (l/st)	19.45	DP Size (in)	5	Surface to Bit	9
Intermediate	20 in 2,827.8 m	CSG Vol. (m³)	154	Pump No.2 (l/st)	19.45	DC1 Size (in)	8.5	Bottom's Up	98
Intermediate	13.375 in 3,976.5 m	B/Hole Vol. (m³)		Pump No.3 (l/st)	19.45	DC2 Size (in)		Surf to Surf	107
Intermediate	in m	Disp Vol. (m³)	19	P/Speed No.1 (spm)	100	A/Vel DP (ft/min)		System Total	134
Intermediate	in m	T/Circ Vol. (m³)	627	P/Speed No.2 (spm)	100	A/Vel DC1(ft/min)		P/ Press(Mpa)	22.7
Intermediate	in m	Pit Vol. (m³)	100	P/Speed No.3 (spm)	100	A/Vel Rise(ft/min)			
Production	in m	Bit Size (inch)	12.25	Rate (gal/min)	1,495				

Mud Type:	KNPP	Mud Properties				Materials Name		Daily Amount	Total Amount	Daily Cost
Time (Sampling : Suction)		5:00	16:00	20:00	Tel-Bar					
Depth (m)		Pit	3906	Hivis	Kunigel VO (Bulk)					
Mud Weight (SG/PPG)		1.15 9.6	1.15 9.6	1.15 9.6	NaCl					
Funnel Viscosity(sec./qt.)		78	83	300	KCL					
A.V(cps) at / cent.		52.5	54 / 25	101	Tel-Polymer DX					
P.V(cps)		37	38 / 18	53	Tel-Polymer L					
Y.V(lb/100ft²)		31	32 / 14	96	Tel-Polymer H					
10"Gel(lb/100ft²)		4	4 / 2	16	XCD-Polymer					
10'Gel(lb/100ft²)		6	6 / 5	19	Soda Ash					
API Filtrate(cc/30min.)		3.6	3.4		Caustic potash					
Cake Thickness(mm)		0.5	0.5		Clean Lube					
pH(-)		12.1	12.0	11.6	Tel Clean					
Pf(cc)		0.2	0.2		Bi-Carbonate					
Pm(cc)		4.5	4.1		Lime					
Mf(cc)		0.5	0.5		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.)		16	13 12	15						
HT-HP Filtrate(cc)					Tel Stop G					
HT-HP Filtrate Cake(mm)					Tel Stop P					
K' (mg/l)		30,500	30,500		Tel Mica C					
Ca**/Mg**(mg/l)		120	80 0		Tel Mica M					
n Value(600rpm/300rpm)		0.63	0.64	0.44	Tel Mica F					
k Value(600rpm/300rpm)		1.37	0.58	9.65	Tel Plug C					
LGS/Drill Solids(% Vol.)		1.4 0.9	1.4 0.9		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
5:00		105	68	52	33	4	3
16:00	15 49	108 50	70 32	54 24	34 15	5 3	3 2
20:00		202	149	123	88	21	15

Well Summary

Con't RIH with whip stock/Milling BHA. RIH to 3,916.5m. Whip stock set at 3,916.5m.
Start Milling from 3,904.24m to 3,918m.
Flush 10m3 of Hivis mud every hour.

Made 80m3 of Hivis mud.
Added Astex S in circulation mud.

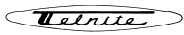
On hand and Remarks

1.11sg KNPP mud : 417m3 @Re#1, Re#2 and Re#3
1.15sg Hi-vis mud : 100m3 @Act#1 and #2
1.13sg 20%LCM mud :24m3 @Act#3

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	110	84	110	84	110	84					OFF	OFF	OFF
Btm2	110	84	110	84	110	84							

Daily Cost	
Total Cost	



BALLAST REPORT(Off Shore)

NO. 56

Well Name C0002P (NT3-01)

DATE 14, Dec, 13

TIME 24:00

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	Hi-Vis mud	1.15sg	50.0KL			
Active #2	Hi-Vis mud	1.15sg	50.0KL			
Active #3	20%LCM mud	1.13sg	24.0KL			
Active #4	KNPP	1.15sg	31.0KL			Circ mud (Suction)
Active #5	KNPP	1.15sg	35.0KL			Circ mud (Return)
Active #6	Empty					
Chemical	Sea water	1.03sg	6.0KL			
Slug	Slug mud	1.38sg	11.0KL			

Chemical Tank

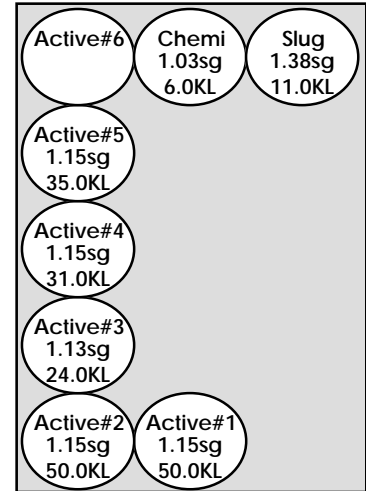
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	15,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank #1	Bentonite	10,000kg	
Daily Tank #2	Barite	33,000kg	
Bar/Surge #1	Barite	2,500kg	
Bar/Surge #2	Barite	2,500kg	
Gel/Surge #2	Bentonite	800kg	

Chemical Tank Total WT 197.8 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	67.0KL			
Reserve #4	Empty					
Reserve #5	Empty					
Reserve #6	Dirty Sea water	1.03sg	181.0KL			
Reserve #7	Dirty Sea water	1.03sg	182.0KL			
Reserve #8	Dirty Sea water	1.03sg	182.0KL			
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 1332.6 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240		76,240	187,000	
Kunigel VO (Bulk)		29,460		18,660	10,800	

Total SX ROOM Weight 123.0 ton

Total Weight 1,653.4 ton

Made by : K.mori