Drilling Mud Report(Off Shore)

No. 54

Company MQJ

Date 12, December, 2013

Well Name C0002N (NT3-01)

Engineer H.Ito M.Sawaguchi

TOTAL Depth(MSL) 3,888.8 m

BRT Depth: 3,917.3 m , SSL Depth: 1,949.8 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) :		
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) :			P/ Press(Mpa)	:

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)	1.15	9.6	1.15	9.6			NaCL			
Funnel Viscosity(sec./qt.)	81		80				KCL			
A.V(cps) at / cent.	52.5		52 /28.5				Tel-Polymer DX			
P.V(cps)	38		37 / 20				Tel-Polymer L			
Y.V(lb/100ft^2)	29		30 / 17				Tel-Polymer H			
10"Gel(lb/100ft^2)	4		4 / 3				XCD-Polymer			
10'Gel(lb/100ft^2)	6		6 / 5				Soda Ash			
API Filtrate(cc/30min.)	3.5		3.5				Caustic potash			
Cake Thickness(mm)	0.5		0.5				Clean Lube			
pH(-)	11.9		11.9				Tel Clean			
Pf(cc)	0.2		0.2				Bi-Carbonate			
Pm(cc)	5.0		5.0				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				Lignate NC			
M.B.C.(cc/cc.mud)	1.00		1.00				Astex S			
Temperature(in/out cent.)	14		14							
HT-HP Filtrate(cc)										
HT-HP Filtrate Cake(mm)							Tel Stop G			
K^+(mg/l)	31,800		31,800				Tel Stop P			
Ca^{++}/Mg^{++}(mg/l)			80				Tel Mica C			
n Value(600rpm/300rpm)	0.65		0.62				Tel Mica M			
k Value(600rpm/300rpm)	1.18		0.76				Tel Mica F			
LGS/Drill Solids(% Vol.)	1.4	0.8	1.4	0.8			Tel Plug C			
							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	
4:00			105		67		50		31		5		3	
17:00	15	49	104	57	67	37	51	28	32	18	5	3	3	2

Well Summary

Check pressure below BOP. Open Choke valve and observe well.
Displace Kill line through Choke line. Open DVS ram and moniter well. Well static.
M/up and RIH WBRRT BHA.Pressure test LMRP connecter. Fuction test BOP.
POOH with WBRRT. M/Up and RIH Milling BHA.

Made 95m3 of Hivis mud (Total Vol 122m3)

On hand and Remarks

1.11sg KNPP mud : 417m3 @Re#1, Re#2 and Re#3
1.15sg Hi-vis mud : 122m3 @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	180	180	145	145	180	180					OFF	OFF	OFF
Btm2													

Daily Cost	
Total Cost	

MATERIALS REPORT

NO. 54

Well Name C0002N (NT3-01)

DATE 12. Dec. 13

TIME

Status of Bulk Tank

Tank Name	Materials	RCV/Slide	Used	On Hand	Remarks
Storage #1	Barite			134,000kg	
Storage #2	Barite			15,000kg	
Storage #3	Barite				
Storage #4	Barite				
Storage #5	Bentonite			0kg	
Storage #6	Bentonite				

Tank Name	Materials	RCV/Slide	Used	On Hand	Remarks
D/Tank #1	Bentonite			10,000kg	
D/Tank #2	Barite		7,000kg	33,000kg	
Bar/Surge #1	Barite			2,500kg	
Bar/Surge #2	Barite	7,000kg	6,000kg	2,500kg	
Gel Surge	Bentonite			800kg	

Storage #1	Storage #2	Storage #3	Storage #4	Storage #5	Storage #6
Barite 134,000k	Barite 15,000kg	Barite	Barite	Bentonite 0kg	Bentonite

D/Tank #1	D/Tank #2	B/Surge #1	B/Surge #2	Gel Surge
Bentonite 10,000kg	Barite 33,000kg	Barite 2,500kg	Barite 2,500kg	Bentonite 800kg

Total Bulk Tank W.T. 197,800kg

(Unit : kg)

Materials Name	Unit Price	Receive	T/Receive	B/Load	TTL B/Load	Used	Total Used	Cost	On Hand	Remarks
Tel-Bar	41,000		263,240			6,000	76,240	246,000	187,000	
Kunigel VO (Bulk)	47,500		29,460				18,660		10,800	
NaCL	40,000		168,000			5,000	126,000	200,000	42,000	
KCL	150,000		157,000			1,000	137,000	150,000	20,000	
Tel-Polymer DX	1,150,000		32,360			280	25,720	322,000	6,640	
Tel-Polymer L	1,550,000		19,120			100	16,200	155,000	2,920	
Tel-Polymer H	1,550,000		6,480			60	5,400	93,000	1,080	
XCD-Polymer	2,500,000		5,700			100	5,250	250,000	450	
Soda Ash	90,000		6,825				5,900		925	
Caustic potash	406,800		7,275				4,450		2,825	
Clean Lube	550,000		104,800				91,200		13,600	
Tel Clean	900,000		8,000				4,800		3,200	
Bi-Carbonate	150,000		3,000				2,000		1,000	
Lime	41,600		1,400				160		1,240	
Defoamer 30C	3,250,000		224				32		192	
Telnite GXL	3,900,000		54				18		36	
Tel-DD	640,000		3,200						3,200	
Caustic soda	150,000		1,000				200		800	
Lignate NC	377,000		2,000						2,000	
Astex S			9,600						9,600	
Tel Stop G	240,000		500						500	
Tel Stop P	240,000		1,000						1,000	
Tel Mica C	450,000		500						500	
Tel Mica M	450,000		2,000				1,000		1,000	
Tel Mica F	450,000		2,500				1,500		1,000	
Tel Plug C	350,000		500						500	
Tel Plug M	350,000		1,980				780		1,200	
Tel Plug F	350,000		1,980				1,000		980	
Tan Cal M	40,000		7,680				3,450		4,230	
Tan Cal F	40,000		7,680				3,180		4,500	
Tan Cal FF	70,000									
EZ Spot (gal/drm)	85,800		550						550	¥85,800/drm
Speeder P	820,000		1,700						1,700	
Speeder X	870,000		1,700						1,700	

BALLAST REPORT(Off Shore)

NO. 54

DATE 12, Dec, 13

TIME 24:00

Well Name C0002N (NT3-01)

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	Hi-Vis mud	1.15sg	61.0KL			
Active #2	Hi-Vis mud	1.15sg	61.0KL			
Active #3	20%LCM mud	1.13sg	24.0KL			
Active #4	KNPP	1.15sg	50.0KL			
Active #5	Empty					
Active #6	Empty					
Chemical	Sea water	1.03sg	6.0KL			
Slug	Slug mud	1.38sg	15.0KL			

Chemical Tank

Unit(kg)

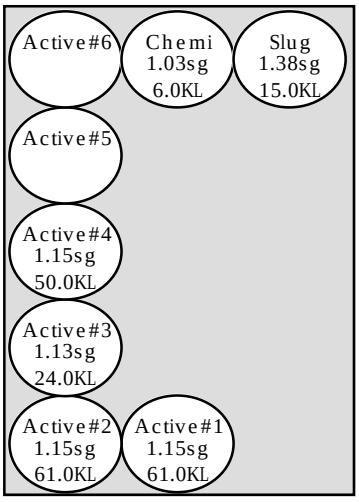
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	15,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank#1	Bentonite	10,000kg	
Daily Tank #2	Barite	33,000kg	
Bar/Surge #1	Barite	2,500kg	
Bar/Surge #2	Barite	2,500kg	
Gel/Surge #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 1345.0 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240	6,000	76,240	187,000	
Kunigel VO (Bulk)		29,460		18,660	10,800	

Total SX ROOM Weight 127.7 ton

Total Weight 1,670.5 ton

Made by : M.sawaguchi