Drilling Mud Report(Off Shore)

No. 45

Company MQJ

Date 3, December, 2013

Well Name C0002N (NT3-01)

Engineer K.Mori M.Sawaguchi

TOTAL Depth(MSL) 3,980.5 m

BRT Depth: 4,009.0 m , SSL Depth: 2,041.5 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	:	10
Intermediate	20 in	2,827.8 m		CSG Vol.	(m^3) :	158	Pump No.2	(l/st) :	19.45	DC1 Size	(in) :	8.5	Bottom's Up	:	140
Intermediate	13.375 in	3,976.5 m		B/Hole Vol.	(m^3) :	2	Pump No.3	(l/st) :	19.45	DC2 Size	(in) :		Surf to Surf	:	150
Intermediate	in	m		Disp Vol.	(m^3) :	17	P/Speed No.1	(spm) :	95	A/Vel DP	(ft/min) :	187	System Total	:	177
Intermediate	in	m		T/Circ Vol.	(m^3) :	636	P/Speed No.2	(spm) :	95	A/Vel DC1	(ft/min) :		P/ Press(Mpa)	:	23.5
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) :	947						

Mud Type: KNPP	Mud Properties					
Time (Sampling : Suction)	3:00		16:00			
Depth (m)	Pit		Pit			
Mud Weight (SG/PPG)	1.15	9.6	1.15	9.6		
Funnel Viscosity(sec./qt.)	75		77			
A.V(cps) at / cent.	50.5		50 / 26			
P.V(cps)	35		34 / 19			
Y.V(lb/100ft^2)	31		32 / 14			
10"Gel(lb/100ft^2)	4		3 / 2			
10'Gel(lb/100ft^2)	6		5 / 4			
API Filtrate(cc/30min.)	3.7		3.7			
Cake Thickness(mm)	0.5		0.5			
pH(-)	12.4		12.2			
Pf(cc)	0.2		0.2			
Pm(cc)	5.8		6.0			
Mf(cc)	0.5		0.5			
Cl^-(mg/l)	78,100		78,100			
Sand Content(%)	0.6		0.6			
Oil Content(% Vol.)	0		0			
Solid Content(% Vol.)	8		8			
M.B.C.(cc/cc.mud)	1.00		1.00			
Temperature(in/out cent.)	15		14			
HT-HP Filtrate(cc)						
HT-HP Filtrate Cake(mm)						
K^+(mg/l)	32,400		33,000			
Ca^{++}/Mg^{++}(mg/l)	80	24	80			
n Value(600rpm/300rpm)	0.61		0.66			
k Value(600rpm/300rpm)	1.44		0.55			
LGS/Drill Solids(% Vol.)	1.3	0.8	1.3	0.8		

Materials Name	Daily Amount	Total Amount	Daily Cost
Tel-Bar			
Kunigel VO (Bulk)			
NaCL			
KCL			
Tel-Polymer DX			
Tel-Polymer L			
Tel-Polymer H			
XCD-Polymer			
Soda Ash			
Caustic potash			
Clean Lube			
Tel Clean			
Bi-Carbonate			
Lime			
Defoamer 30C			
Telnite GXL			
Tel-DD			
Caustic soda			
Lignate NC			
Astex S			
Tel Stop G			
Tel Stop P			
Tel Mica C			
Tel Mica M			
Tel Mica F			
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	
3:00			101		66		50		32		5		3	
16:00	15	49	100	52	66	33	50	25	31	16	5	3	3	2

Well Summary

Continue Wire line operation. Run and retrieve #1 FPIT. Tag at 3,950m. Unable to lower tool down further. Run and retrieve #2 FPIT (tool OD 1.38"). Tag at 3,950m. Unable to lower tool down further. Run and retrieve #3 Gauge tool (tool OD 2.30"). Tag at 3,938m.
Run #4 Colliding tool. Set Colliding tool at 3928.08m. Set trque 50kNm, over pullstrings with Hook load 4700kN, rotate 6turns 37kNm.
Server 8-1/2"DC@3928.08m. Retrive #4 Colliding tool. Circulation.

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

On hand and Remarks

1.11sg KNPP mud : 470m3 @Re#1, Re#2 and Re#3
1.16sg Hi-vis mud : 38m3 @Act#1
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	

MATERIALS REPORT

NO. 45

Well Name C0002N (NT3-01)

DATE 3. Dec. 13

TIME 24:00

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			45,500kg	
Bar/Surge #1	Barite			3,000kg	
Bar/Surge #2	Barite			0kg	
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 45,500kg	Barite 3,000kg	Barite 0kg	Bentonite 800kg

Total Bulk Tank W.T. 208,300kg

(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				65,740		197,500	
Kunigel VO (Bulk)	47,500		29,460				18,660		10,800	
NaCL	40,000		168,000				121,000		47,000	
KCL	150,000		157,000				135,000		22,000	
Tel-Polymer DX	1,150,000		32,360				24,580		7,780	
Tel-Polymer L	1,550,000		19,120				15,740		3,380	
Tel-Polymer H	1,550,000		6,480				5,200		1,280	
XCD-Polymer	2,500,000		5,700				4,950		750	
Soda Ash	90,000		6,825				5,825		1,000	
Caustic potash	406,800		7,275				4,425		2,850	
Clean Lube	550,000		104,800				91,200		13,600	
Tel Clean	900,000		4,800				4,800		0	
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. 45

DATE 3, 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	1.16sg	38.0KL			
Active #2	Empty					
Active #3	20%LCM mud	1.13sg	24.0KL			
Active #4	KNPP	1.15sg	50.0KL			
Active #5	KNPP	1.14sg	57.0KL			
Active #6	Return SW	1.03sg	27.0KL			
Chemical	Empty					
Slug	Slug mud	1.35sg	14.0KL			

Chemical Tank

Unit(kg)

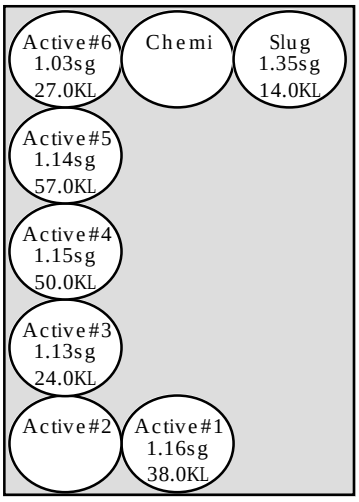
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	15,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank#1	Bentonite	10,000kg	
Daily Tank #2	Barite	45,500kg	
Bar/Surge #1	Barite	3,000kg	
Bar/Surge #2	Barite	0kg	
Gel/Surge #2	Bentonite	800kg	

Chemical Tank Total WT 208.3 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	Return SW	1.03sg	156.0KL			
Reserve #5	Empty					
Reserve #6	Empty					
Reserve #7	Return SW	1.03sg	152.0KL			
Reserve #8	Return SW	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 1335.8 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240		65,740	197,500	
Kunigel VO (Bulk)		29,460		18,660	10,800	

Total SX ROOM Weight 133.7 ton

Total Weight 1,677.8 ton

Made by : M.sawaguchi