Drilling Mud Report(Off Shore)

No. 33

Company MQJ

Date 21, November, 2013

Well Name C0002N (NT3-01)

Engineer M.Sawaguchi H.Ito

TOTAL Depth(MSL) 4,269.0 m

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) :			
Intermediate	in	m	Pit Vol. (m^3) :	100	P/Speed No.3 (spm) :		A/Vel Riser(ft/min) :			
Production	in	m	Bit Size (inch) :		Rate (gal/min) :				P/ Press(Mpa) :	

Mud Type: KNPP	Mud Properties					
Time (Sampling : Suction)	8:00		20:00		18:00	
Depth (m)	Pit		Pit		Spacer	
Mud Weight (SG/PPG)	1.13	9.4	1.13	9.4	1.50	12.5
Funnel Viscosity(sec./qt.)	120		118		39	
A.V(cps) at / cent.	65.5		65 /37.5		28	
P.V(cps)	41		41 / 23		13	
Y.V(lb/100ft^2)	49		48 / 29		30	
10"Gel(lb/100ft^2)	9		8 / 5		12	
10'Gel(lb/100ft^2)	11		11 / 7		15	
API Filtrate(cc/30min.)	3.0		3.0			
Cake Thickness(mm)	0.5		0.5			
pH(-)	10.0		10.0			
Pf(cc)	0.1		0.1			
Pm(cc)	2.3		2.3			
Mf(cc)	0.3		0.3			
Cl^-(mg/l)	71,000		71,000			
Sand Content(%)	0.1		0.1			
Oil Content(% Vol.)	0		0			
Solid Content(% Vol.)	7		7			
M.B.C.(cc/cc.mud)	1.00		1.00			
Temperature(in/out cent.)	11		11			
HT-HP Filtrate(cc)						
HT-HP Filtrate Cake(mm)						
K^+(mg/l)	27,500		26,500			
Ca^{++}/Mg^{++}(mg/l)	80		80			
n Value(600rpm/300rpm)	0.54		0.53		0.38	
k Value(600rpm/300rpm)	3.08		1.93		4.00	
LGS/Drill Solids(% Vol.)	1.1	0.5	1.1	0.6		

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	
8:00			131		90		72		49		12		8	
20:00	15	49	130	75	89	52	71	42	49	29	12	7	8	5
18:00			56		43		37		29		13		11	

Well Summary

Rack back hanger stand. Pull out 13-3/8"CSG f/2309m t/2007m.
Pick up CSG hanger & PADPRT. RIH f/2007m t/3696m. Brake Circ @2781m

Make up 180m3 of 1.11sg KNPP mud
Today's lost mud 10m3. (Total 472m3),

On hand and Remarks

1.11sg KNPP mud : 415m3 @Act#6 ,Re#1and Re#2
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	180	175	180	180	180	180					OFF	OFF	OFF
Btm2													

Daily Cost	
Total Cost	

MATERIALS REPORT

NO. 33

Well Name C0002N (NT3-01)

DATE 21. Nov. 13

TIME

Status of Bulk Tank

Tank Name	Materials	RCV/Slide	Used	On Hand	Remarks
Storage #1	Barite			134,000kg	
Storage #2	Barite			60,000kg	
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			10,000kg	
Bar/Surge #1	Barite			2,000kg	
Bar/Surge #2	Barite			2,800kg	
Gel Surge	Bentonite			800kg	

Storage #1	Storage #2	Storage #3	Storage #4	Storage #5	Storage #6
Barite 134,000k	Barite 60,000kg	Barite	Barite	Bentonite 0kg	Bentonite

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

Total Bulk Tank W.T. 219,600kg

(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				54,440		208,800	
Kunigel VO (Bulk)	47,500		29,460				18,660		10,800	
NaCL	40,000		144,000			7,000	118,000	280,000	26,000	
KCL	150,000	20,000	135,000			6,000	115,000	900,000	20,000	
Tel-Polymer DX	1,150,000	2,240	28,440			1,860	23,580	2,139,000	4,860	
Tel-Polymer L	1,550,000	720	16,960			1,220	15,340	1,891,000	1,620	
Tel-Polymer H	1,550,000		5,760			380	4,960	589,000	800	
XCD-Polymer	2,500,000		5,000			375	4,800	937,500	200	
Soda Ash	90,000		6,025			375	5,700	33,750	325	
Caustic potash	406,800	1,600	6,475			375	4,300	152,550	2,175	
Clean Lube	550,000		92,000			7,200	86,400	3,960,000	5,600	
Tel Clean	900,000		4,800				4,800		0	
Bi-Carbonate	150,000		3,000				900		2,100	
Lime	41,600		1,400				160		1,240	
Defoamer 30C	3,250,000		224				32		192	
Telnite GXL	3,900,000		54						54	
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		1,000				1,000		0	
Tel Mica F	450,000		1,500				1,500		0	
Tel Plug C	350,000		500						500	
Tel Plug M	350,000		1,000				780		220	
Tel Plug F	350,000		1,000				1,000		0	
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. 33

DATE 21, Nov, 13

TIME 24:00

Well Name C0002N (NT3-01)

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	CMT Spacer	1.50sg	27.0KL			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	45.0KL			Circ mud(Active)
Active #5	KNPP	1.11sg	65.0KL			Mixing
Active #6	KNPP	1.11sg	65.0KL			New mud
Chemical	Empty					
Slug	Slug mud	1.28sg	2.0KL			

Chemical Tank

Unit(kg)

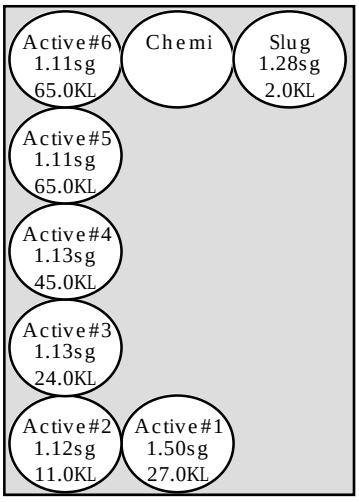
Tank Name	Status	Weight	Monitor
Storage #1	Barite	134,000kg	
Storage #2	Barite	60,000kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank#1	Bentonite	10,000kg	
Daily Tank #2	Barite	10,000kg	
Bar/Surge #1	Barite	2,000kg	
Bar/Surge #2	Barite	2,800kg	
Gel/Surge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

Chemical Tank Total WT 219.6 ton

Reserve Tank & Solid Control Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Reserve #1	KNPP	1.11sg	170.0KL			new mud
Reserve #2	KNPP	1.11sg	180.0KL			new mud
Reserve #3	Empty					
Reserve #4						
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 971.9 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240		54,440	208,800	
Kunigel VO (Bulk)		29,460		18,660	10,800	

Total SX ROOM Weight 92.8 ton

Total Weight 1,284.2 ton

Made by : H.ito