

Drilling Mud Report(Off Shore)

Engineer H.Ito
K.Mori

No. 14

Date 2, November, 2013

TOTAL Depth(MSL) 2,248.5 m

Company MQJ

Well Name C0002F

BRT Depth: 2,277.0 m, SSL Depth: 309.5 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)	5.5	Surface to Bit	:
Intermediate	20 in 2,827.8 m	CSG Vol. (m ³)	53	Pump No.2 (l/st)	19.45	DC1 Size (in)	8.5	Bottom's Up	:
Intermediate	in 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)	17	P/Speed No.1 (spm)		A/Vel DP (ft/min)		System Total	:
Intermediate	in m	T/Circ Vol. (m ³)	528	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 Riser(ft/min)			
Production	in m	Bit Size (inch)	17	Rate (gal/min)					

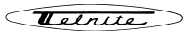
Mud Type:	KNPP	Mud Properties		Materials Name	Daily Amount	Total Amount	Daily Cost
Time (Sampling : Suction)		16:00		Tel-Bar			
Depth (m)		Act#4		Kunigel VO (Bulk)			
Mud Weight (SG/PPG)		1.12	9.3	NaCL			
Funnel Viscosity(sec./qt.)		94		KCL			
A.V(cps) at / cent.		42 /27.5		Tel-Polymer DX			
P.V(cps)		33 / 20		Tel-Polymer L			
Y.V(lb/100ft ²)		18 / 15		Tel-Polymer H			
10"Gel(lb/100ft ²)		4 / 3		XCD-Polymer			
10'Gel(lb/100ft ²)		5 / 3		Soda Ash			
API Filtrate(cc/30min.)		4.8		Caustic potash			
Cake Thickness(mm)		0.5		Clean Lube			
pH(-)		9.7		Tel Clean			
Pf(cc)		0.2		Bi-Carbonate			
Pm(cc)		1.2		Lime			
Mf(cc)		0.5		Defoamer 30C			
Cl (mg/l)		75,900		Telnite GXL			
Sand Content(%)		Tr		Tel-DD			
Oil Content(% Vol.)		0		Caustic soda			
Solid Content(% Vol.)		6		Lignite NC			
M.B.C.(cc/cc.mud)		0.50		Tel Stop G			
Temperature(in/out cent.)		24		Tel Stop P			
HT-HP Filtrate(cc)				Tel Mica C			
HT-HP Filtrate Cake(mm)				Tel Mica M			
K ⁺ (mg/l)		28,000		Tel Mica F			
Ca ⁺⁺ /Mg ⁺⁺ (mg/l)		40		Tel Plug C			
n Value(600rpm/300rpm)		0.65		Tel Plug M			
k Value(600rpm/300rpm)		0.60		Tel Plug F			
LGS/Drill Solids(% Vol.)		0.3	0.0	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
16:00		84	55	51	35	44	28
						30	19
						6	3
						4	2

Well Summary
 BOP test.POOH BOP Test tool.Make up 17"kick off Assy. Pressure test choke, kill line. Shallow test MWD tools. RIH to 2,243m. Take weight 80kN. Wash down from 2,238m to 2,277m. Upper and Lower I-BOP Pressure test. Displace choke, kill and booster line. Displace riser with KNPP mud.

Recommendation
 On hand)
 1.12sg KNPP mud : 705m3 @Act#3,Act#4, Res#2, Res#3, Res#4 and Res#5
 1.08sg KNPP mud : 124m3 @Res#7
 PHG : 10m3 @Act#1

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	110	110	84	84	84							
Btm2	110	110	110	84	84	84							
Daily Cost													
Total Cost													



BALLAST REPORT(Off Shore)

NO. 14

Well Name C0002F

DATE 2, Nov, 13

TIME 24:00

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	Prehy Gel	1.05sg	10.0KL			
Active #2	Empty					
Active #3	KNPP	1.12sg	70.0KL			
Active #4	KNPP	1.12sg	71.0KL			
Active #5	Return SW	1.03sg	0.0KL			
Active #6	Return SW	1.03sg	0.0KL			
Chemical	Empty					
Slug	Empty					

Chemical Tank

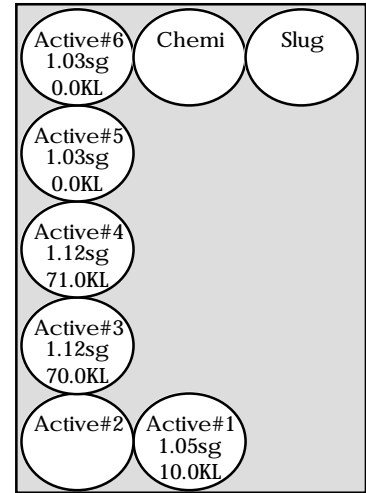
Tank Name	Status	Weight	Monitor
Storage #1	Barite	137,000kg	
Storage #2	Barite	93,860kg	
Storage #3	Barite		
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank #1	Bentonite	10,000kg	
Daily Tank #2	Barite	7,000kg	
Bar/Surge #1	Barite	0kg	
Bar/Surge #2	Barite	0kg	
Gel/Surge #2	Bentonite	2,000kg	

Chemical Tank Total WT 249.9 ton

Reserve Tank & Solid Control Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Reserve #1	Empty					
Reserve #2	KNPP	1.12sg	180.0KL			
Reserve #3	KNPP	1.12sg	182.0KL			
Reserve #4	KNPP	1.12sg	182.0KL			
Reserve #5	KNPP	1.12sg	20.0KL			
Reserve #6	Empty					
Reserve #7	KNPP	1.08sg	124.0KL			
Reserve #8	Return SW	1.03sg	94.0KL			
Sand Trap	Empty					
Degasser	Empty					
Desander	Empty					
Desilter	Empty					
Soli/con CF	Empty					
Mud Return	Empty					
Barite Rec CF	Drill water	1.00sg				

Mud Tank Total WT 1030.8 ton

Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		263,240		25,380	237,860	
Kunigel VO (Bulk)		29,460		17,460	12,000	

Total SX ROOM Weight 152.0 ton

Total Weight 1,432.7 ton

Made by : K.mori