Telnite

Drilling Mud Report(Off Shore)

Engineer H.Ito / M.Sawaguchi

No. 92

Date 19, January, 2014

TOTAL Depth(MSL) 4,861.5 m

Company MQJ

Well Name C0002P (NT3-01)

BRT Depth: 4,890.0 m , SSL Depth: 2,922.5 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 :
Intermediate	20 in	2,827.8 m	CSG Vol. (m^3) :	210		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	11.75 in	4,889.0 m	Disp Vol. (m^3) :	23		P/Speed No.1 (spm) :	A/Vel DP (m/min) :		System Total :
Intermediate	in	m	T/Circ Vol. (m^3) :	679		P/Speed No.2 (spm) :	A/Vel DC1(m/min) :		
Intermediate	in	m	Pit Vol. (m^3) :	100		P/Speed No.3 (spm) :	A/Vel Riser(ft/min) :		P/ Press(Mpa) :
Production	in	m	Bit Size (inch) :	14.5		Rate (gal/min) :			

Mud Type: KNPP	Mud Properties		Materials Name	Daily Amount	Total Amount	Daily Cost
Time (Sampling : Suction)	3:00	17:00	Tel-Bar			
Depth (m)	Pit	Pit	Kunigel VO (Bulk)			
Mud Weight (SG/PPG)	1.32 11.0	1.32 11.0	NaCL			
Funnel Viscosity(sec./qt.)	145	140	KCL			
A.V(cps) at / cent.	92	92 /49.5	Tel-Polymer DX			
P.V(cps)	56	56 / 30	Tel-Polymer L			
Y.V(lb/100ft^2)	72	72 / 39	Tel-Polymer H			
10"Gel(lb/100ft^2)	14	14 / 10	XCD-Polymer			
10'Gel(lb/100ft^2)	25	26 / 32	Soda Ash			
API Filtrate(cc/30min.)	2.6	2.6	Caustic potash			
Cake Thickness(mm)	0.5	0.5	Clean Lube			
pH(-)	10.8	10.8	Tel Clean			
Pf(cc)	0.2	0.2	Bi-Carbonate			
Pm(cc)	2.5	2.5	Lime			
Mf(cc)	0.4	0.4	Defoamer 30C			
Cl^-(mg/l)	117,200	117,200	Telnite GXL			
Sand Content(%)	0.2	0,2	Tel-DD			
Oil Content(% Vol.)	0	0	Caustic soda			
Solid Content(% Vol.)	15	15	Lignate NC			
M.B.C.(cc/cc.mud)	2.50	2.50	Astex S			
Temperature(in/out cent.)	14	13	Xanvis			
HT-HP Filtrate(cc)						
HT-HP Filtrate Cake(mm)			Tel Stop G			
K^+(mg/l)	36,400	36,400	Tel Stop P			
Ca^{++}/Mg^{++}(mg/l)	80 24	80 24	Tel Mica C			
n Value(600rpm/300rpm)	0.52	0.52	Tel Mica M			
k Value(600rpm/300rpm)	4.89	2.68	Tel Mica F			
LGS/Drill Solids(% Vol.)	2.9 1.5	2.9 1.5	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			
			Treat HS			

VG METER READING

Time	Temp	600rpm	300rpm	200rpm	100rpm	6rpm	3rpm
3:00		184	128	103	71	20	14
17:00		184 99	128 69	103 56	72 40	20 11	15 10

Well Summary

POOH. Make up & RIH Diverter assy. RIH to 4,760m.Circulation. Tag plug @4767.7m. Connect CMTG line & Pressure test. Leak off test and injection test. Confirm of BOP function.
Squeeze1st CMTG Job. Spot 200m of cement column.

Mixed 9m3 of Gel mud for plug back CMTG.

On hand and Remarks

1.32sg Corrosion inhibitor mud (KNPPmud): 134m3 @Act#1 & Act#2
1.13sg 20%LCM mud :24m3 @Act#3
Today's lost mud --m3. (Total 496m3).

Shale Shaker							De-Sander		Mud Cleaner		Centrifuge		
No.	#.1	#.2	#.3	#.4	#.5	#.6							
Top	20	20	20	20	20	20	#.1	#.2	#.1	#.2	#.1	#.2	#.3
Btm1	180	230	230	180	230	180					OFF	OFF	OFF
Btm2	180	200	200	180	200	180							

Daily Cost	
Total Cost	

MATERIALS REPORT

NO. 92

Well Name C0002P (NT3-01)

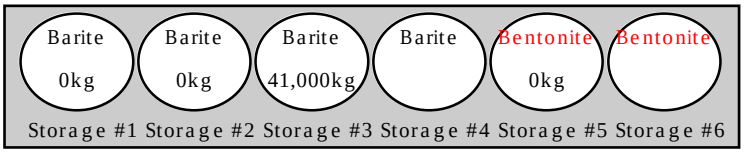
DATE 19. Jan. 14

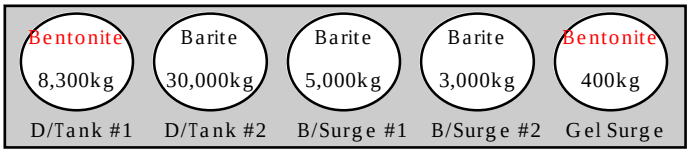
TIME

Status of Bulk Tank

Tank Name	Materials	RCV/Slide	Used	On Hand	Remarks
Storage #1	Barite			0kg	
Storage #2	Barite		15,000kg	0kg	
Storage #3	Barite			41,000kg	
Storage #4	Barite				
Storage #5	Bentonite			0kg	
Storage #6	Bentonite				

Tank Name	Materials	RCV/Slide	Used	On Hand	Remarks
D/Tank #1	Bentonite		1,700kg	8,300kg	
D/Tank #2	Barite	19,000kg		30,000kg	
Bar/Surge #1	Barite			5,000kg	
Bar/Surge #2	Barite	-4,000kg		3,000kg	
Gel Surge	Bentonite	1,700kg	2,100kg	400kg	





Total Bulk Tank W.T. 87,700kg

(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		457,700				378,700		79,000	
Kunigel VO (Bulk)	47,500		29,460			2,100	20,760	99,750	8,700	
NaCL	40,000		200,000				190,000		10,000	
KCL	150,000		185,000				182,000		3,000	
Tel-Polymer DX	1,150,000		32,360				28,980		3,380	
Tel-Polymer L	1,550,000		19,840				18,320		1,520	
Tel-Polymer H	1,550,000		7,080			20	5,820	31,000	1,260	
XCD-Polymer	2,500,000		6,400				6,400		0	
Soda Ash	90,000		7,625				6,350		1,275	
Caustic potash	406,800		8,875				7,650		1,225	
Clean Lube	550,000		125,600				125,600		0	
Tel Clean	900,000		10,400				10,400		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	64	104,000	160	
Telnite GXL	3,900,000		180				90		90	
Tel-DD	640,000		3,200				800		2,400	
Caustic soda	150,000		1,000				200		800	
Lignate NC	377,000		2,000						2,000	
Astex S	1,250,000		19,000				16,600		2,400	
Xanvis	2,500,000		1,400				400		1,000	
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	
Treat HS	800,000		2,160				1,320		840	

BALLAST REPORT(Off Shore)

NO. 92

Well Name C0002P (NT3-01)

DATE 19, Jan, 14

TIME 24:00

Active Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Active #1	Inhibitor mud(KNPP)	1.32sg	73.0KL			
Active #2	Inhibitor mud(KNPP)	1.32sg	60.0KL			
Active #3	20%LCM mud	1.13sg	24.0KL			
Active #4	Empty					
Active #5	KNPP	1.32sg	48.0KL			Circ mud
Active #6	Slug mud	1.53sg	5.0KL			
Chemical	CMT Spacer	1.60sg	22.0KL			
Slug	Gel mud	1.02sg	9.0KL			Mixing

Chemical Tank

Unit(kg)

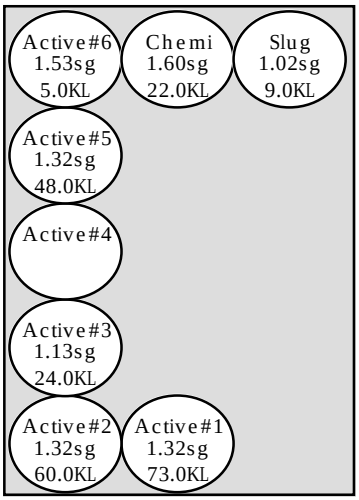
Tank Name	Status	Weight	Monitor
Storage #1	Barite	0kg	
Storage #2	Barite	0kg	
Storage #3	Barite	41,000kg	
Storage #4	Barite		
Storage #5	Bentonite	0kg	
Storage #6	Bentonite		
Daily Tank#1	Bentonite	8,300kg	
Daily Tank #2	Barite	30,000kg	
Bar/Surge #1	Barite	5,000kg	
Bar/Surge #2	Barite	3,000kg	
Gel/Surge #2	Bentonite	400kg	

Chemical Tank Total WT 87.7 ton

Reserve Tank & Solid Control Tank

Tank Name	Status	M/W	Vol.	Monitor	Lo Limit	Remarks
Reserve #1	Dirty seawater	1.03sg	153.0KL			
Reserve #2	Empty					
Reserve #3	Empty					
Reserve #4	Empty					
Reserve #5	Empty					
Reserve #6	Empty					
Reserve #7	Empty					
Reserve #8	Empty					
Sand Trap	KNPP	1.32sg	10.0KL			
Degasser	KNPP	1.32sg	10.0KL			
Desander	KNPP	1.32sg	10.0KL			
Desilter	KNPP	1.32sg	10.0KL			
Soli/con CF	KNPP	1.32sg	10.0KL			
Mud Return	KNPP	1.32sg	10.0KL			
Barite Rec CF	Drill water	1.00sg				

Mud Tank Total WT 554.9 ton



Bulk Material

Unit(kg)

Materials Name	Receive	Total Receive	Use	Total Use	On Hand	Remarks
Tel-Bar		457,700		378,700	79,000	
Kunigel VO (Bulk)		29,460	2,100	20,760	8,700	

Total SX ROOM Weight 48.7 ton

Total Weight 691.3 ton

Made by : M.sawaguchi