

07 Aug 2006

From : Troy Reid
To : Andy Wilkinson/ Brian King/James Hinton

Well Data				Town Side QC Done	
Drill Co.:	Ensign	Midnight Depth (MD):	1606.0m	Current Hole Size:	12.250in
Rig:	Ensign 32	Midnight Depth (TVD):	830.0m	Casing O.D.:	13.375in
Prognosed TD:	2350.0m	Progress:	0.0m	Shoe TVD:	312.0m
RT-GL:	5.90m	Days From Spud:	9.81	F.I.T. / L.O.T.	/ 20.00ppg
GL Elev.:	2.71m	Days On Well:	26.75	Rig Move Distance	1800+/- k's
Current Op's @ 0600 08 Aug 2006 : Continue to run 9 5/8 casing Floating string in. 500m at 06:00 hrs					
Planned Operations for 08 Aug 2006 : Run 9 5/8 casing and cement.					

Summary of Period 0000 to 2400 Hrs
Continue to trip in f/-502m to 1606m. Tag bottom and check for junk. Work pipe and circulate clean hole clean. Backream out of hole first 2 stands to equal 2 x bottoms up, Then continue at 15mins per stand.to 1476 continue to Backream out of hole at 10min per stand till 317m 13 3/8 casing shoe. Circulate Bottoms up at casing shoe. Continue to POOH .Lay out 8"DC,bit,bitsub, Retrieve wearbushing Change out pipe rams to 9 5/8 .Pressure test to 1700psi.

Formation Tops					
Sequence	Formation Name	Top Depth (MD, (m))	Top Depth (TVD, (m))	Comment	Wireline Depth (m)
1	Gippsland LMST	320.0	314.5	5.9L	

Operations For Period 0000 Hrs to 2400 Hrs on 07 Aug 2006							
Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH	P	TI	0000	0230	2.50	1606.0m	Continue to trip in f/-502m to 1606m. Wash down last 9m. Hole in good condition no hangups going in.
IH	P	CMD	0230	0400	1.50	1606.0m	Tag bottom and check for junk. Work pipe and circulate clean hole clean.
IH	P	RW	0400	1700	13.00	1606.0m	Backream out of hole first 2 stands to equal 2 x bottoms up, Then continue at 15mins per stand.to 1476 continue to Backream out of hole at 10min per stand till 317m 13 3/8 casing shoe.
IH	P	CMD	1700	1730	0.50	1606.0m	Circulate Bottoms up at casing shoe.
IH	P	HBHA	1730	2100	3.50	1606.0m	Continue to POOH .Lay out 8"DC,bit,bitsub,
IH	P	RW	2100	2200	1.00	1606.0m	Retrieve wearbushing
IH	P	CMC	2200	2400	2.00	1606.0m	Change out pipe rams to 9 5/8 .Pressure test to 1700psi.

Operations For Period 0000 Hrs to 0600 Hrs on 08 Aug 2006							
Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH		CMC	0000	0100	1.00	1606.0m	Clear rig floor and rig up 9 5/8 casing equipment.
IH		CMC	0100	0600	5.00	1606.0m	Hold pre job safety meeting w/ JHA. M/up W/ford reamer/guide shoe & float. Check float for flow, back no flow - ok. Continue to run casing as per programme. AT 06:00 hrs 510m

General Comments	
Comments	Rig Requirements
Recieved cement at 10:00am Held BOP drill . Shut well in and muster.	No alarm heard at Chubb security shack. Need to address getting alarm at security shack.

WBM Data		Cost Today \$ 652			Cumulative Cost \$ 101535		
Mud Type: CI PHPA/Glycol	Viscosity: 61sec/qt	API FL Loss: 4.4cc	CI	34000	Solids:	6	
Depth: 1606.0m	PV: 21cp	Filter Cake: 1/32nd"	K+:	6%	H2O:	90%	
Time: 07:00	YP: 32lb/100ft²	HTHP FL:	Hard/Ca:	500	Oil:		
Weight: 9.70ppg	Gels 10s/10m: 8 / 12	HTHP Cake:	MBT:	5	Sand:	0.5	
Temp:	Fann (3/6/100):		PM:		pH:	9	
	9 / 11 / 32		PF:	0.05	PHPA:	0.70ppb	
Comment: Mud weight increased after trip out of hole. Gradually reduced using shakers, centrifuge and minimal dilution.							

WBM Data		Cost Today			Cumulative Cost \$ 101535		
Mud Type: CI PHPA Polymer/Glycol	Viscosity: 62sec/qt	API FL Loss: 5.2cc	CI	33000	Solids:	5.5	
Depth: 1606.0m	PV: 22cp	Filter Cake: 1/32nd"	K+:	6%	H2O:	92%	
Time: 21:00	YP: 31lb/100ft²	HTHP FL:	Hard/Ca:	200	Oil:		
Weight: 9.50ppg	Gels 10s/10m: 8 / 11	HTHP Cake:	MBT:	5	Sand:	0.5	
Temp:	Fann (3/6/100):		PM:		pH:	9.5	
	8 / 11 / 31		PF:	0.15	PHPA:	0.60ppb	
Comment:							

Shakers, Volumes and Losses Data				Engineer: Manfred Olejniczak / J.V.Babu			
Equipment	Description	Mesh Size	Available	Losses	Comment		
Centrifuge	DE 1000		1427.0bbl	152.0bbl			
Centrifuge	DE 1000		234.0bbl		Added extra finer shaker sceens and ran centrifuge to control mud wt.		
Shaker 1	Derrick	Pyramid-140/140	1085.0bbl	70.0bbl			
Shaker 1	Derrick	Pyramid-175/175					
Shaker 2	Derrick	Pyramid-140/140					
Shaker 2	Derrick	Pyramid-140/210	108.0bbl				
				20.0bbl			
				62.0bbl			

Bit # 5			Wear	I	O1	D	L	B	G	O2	R
			1	1	1	NO		1	I	NO	
Size:	9.875in	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	HUGHES	WOB (avg):	No.	Size	Progress:			Cum. Progress:			
Type:	mt	RPM (avg):			0.0m			0.0m			
Serial #:	L41360	F.Rate:			On Bottom Time:			Cum. On Btm Time:			
Depth In:	1606.0m	SPP:			IADC Time:			Cum. IADC Time:			
Depth Out:	1606.0m	HSI:			Total Revs:			Cum. Total Revs:			
Bit Model:	HP11GJ	TFA:			ROP (avg):			Overall ROP (avg):			
		0.000			N/A			0.00 m/hr			

BHA # 5			
Wt. Below Jars Dry:	Length: 175.0m	Torque (max):	DC (1) Ann Vel.: 355fpm
Weight Dry: 30150.0klb	String Weight:	Torque On Btm:	DC (2) Ann Vel.: 585fpm
Type: Clean out assy	Pick-Up Weight:	Torque Off Btm:	HWDP Ann. Vel.: 254fpm
	Slack-Off Weight:		DP Ann. Vel.: 254fpm

#	Equipment	Tool Description	Length	O.D.	I.D.	Serial #	Hours
1	Bit		0.27m	9.78in		L41360	
2	Bit Sub		0.91m	8.00in		M1623	
3	Stab		2.48m	11.75in	3.00in	SBD2396	
4	Drill Collar		18.66m	8.00in	3.00in		
5	Stab		1.89m	11.50in	3.00in	7090449	
6	Drill Collar		8.95m	8.00in	3.00in		
7	X/O		0.80m	8.00in	2.75in		
8	Drill Collar		27.46m	6.25in	3.00in		
9	HWDP		86.05m	6.25in	3.00in		
10	Jar		9.95m	6.50in	3.00in	176020301	
11	HWDP		57.17m	6.25in	3.00in		

Survey											
MD (m)	Incl. (deg)	Corr. AZ (deg)	TVD (m)	'V' Sect.	Dogleg (deg/100ft)	N/S (m)	E/W (m)	Departure	Deviation	Tool Type	
1118.04	71.67	115.22	670.9	-369.18	3.65	-369.18	625.08	725.96	120.6	MWD	
1233.87	71.80	114.62	707.2	-415.52	0.50	-415.52	724.83	835.49	119.8	MWD	
1378.57	70.75	115.43	753.7	-473.49	0.90	-473.49	849.00	972.11	119.1	MWD	
1522.57	71.02	117.07	800.8	-533.67	1.09	-533.67	971.03	1108.01	118.8	MWD	
1606.00	71.07	117.05	827.9	-569.56	0.06	-569.56	1041.30	1186.89	118.7	MWD	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite	sx	0	32	0	1,028.0	
KCl	sx	0	0	0	-480.0	
Salt	sx	0	0	0	0.0	
Gel	sx	0	0	0	240.0	
Potable Water	ltr	0	8000	0	13,000.0	
Rig Fuel	ltr	11030	6000	0	17,030.0	
Camp Fuel	ltr	0	350	0	2,100.0	

Pumps											
Pump Data - Last 24 Hrs							Slow Pump Data				
No.	Type	Liner (in)	SPM	Eff. (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	Depth (m)	MW (ppg)	
1	National - 8P-80	5.50	85	97	216	2750	60	120	1606.0	9.50	
2	National - 8P-80	5.50	85	97	216	2750	60	120	1606.0	9.50	
3	National - 8P-80	5.50									
4	IDECO - T1000	6.00	85	97	312	2750			1606.0	9.50	

HSE Summary				
Events	Date of Last	Days Since	Description	Remarks
Weekly Safety Meeting	07 Aug 2006	0 Days	Held Weekly safety meeting	Held weekly safety meeting. Discussed Check for safety cards, Housekeeping, Working in adverse weather.