

08 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:	10.81	F.I.T. / L.O.T.	/ 20.00ppg
GL Elev.:	2.71m	Days On Well:	27.83	Rig Move Distance	1800+/- k's
Current Op's @ 0600 09 Aug 2006 :		Final cut on 9 5/8 casing			
Planned Operations for 09 Aug 2006 :		Install casing spool . Install bop and test. M/up 8 1/2 assy and RIH			

Summary of Period 0000 to 2400 Hrs
<p>Clear rig floor and rig up 9 5/8 casing equipment. Hold pre job safety meeting . JHA. M/up reaming shoe. and float . Check float for flow back no flow ok. Continue to Run casing as per programme to 1606m Run total 127 jnts 47 lb 9 5/8 casing .Floating string in . Fill up string venting casing string to atmosphere Install cement vhead and circulate hole while mixing cement chemicals Mix and pump cement 310bbls lead 27 bbls tail Displace and bump plug.</p>

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 08 Aug 2006							
Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH	P	CMC	0000	0100	1.00	1606.0m	Clear rig floor and rig up 9 5/8 casing equipment.
IH	P	CMC	0100	1500	14.00	1606.0m	Hold pre job safety meeting . JHA. M/up W/ford reamer/guide shoe & float. Install torque rings and threadlock conn's. Check float for flow back no flow ok. Continue to run casing as per programme to 1606m Run total 127 jnts 47 lb 9 5/8 casing. Float string in.
IH	P	CMC	1500	1630	1.50	1606.0m	Fill up string venting casing string to atmosphere
IH	P	CMC	1630	2100	4.50	1606.0m	Install cement head and circulate hole while mixing cement chemicals
IH	P	CMC	1900	2400	5.00	1606.0m	Hold pre job safety meeting . Pump 5 bbls spacer. Pressure test lines to 2500psi 5mins ok. Pump 60 bbls tuned spacer. Drop bottom plug. pump 5bbls spacer. Load top plug. Mix and pump lead slurry 12.5 ppg 301 bbls. Mix and Pump tail slurry 15.6ppg 27.1 bbls. Drop bottom plug Displace with Halliburton 383 bbls

Operations For Period 0000 Hrs to 0600 Hrs on 09 Aug 2006							
Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH		CMC	0000	0100	1.00	1606.0m	Continue to Displace cement actual pumped 389bbls.. Bump plug at 3 bpm w/- 500psi . Test casing at 1700psi for 10 mins.ok.
IH		CMC	0100	0500	4.00	1606.0m	Lay-out cement surface lines & Halliburton cement head . Install slip and seal assy. Lift BOP and rough cut 9 5/8 casing at 8"

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH		BOP	0500	0600	1.00	1606.0m	Remove excess casing. Rack back BOP, remove lower spacer spool. Final cut 9 5/8 casing at 5". Grind 3/8" bevel on OD and Chamfer ID. Prepare B section to install

General Comments	
Comments	Rig Requirements
Vacume trucks remove excess drilling fluid from sump.	

WBM Data		Cost Today \$ 788			Cumulative Cost \$ 102323		
Mud Type: KCl PHPA/Glycol	Viscosity: 62sec/qt	API FL Loss: 5.3cc	CI	34000	Solids:	4.7	
Depth: 1606.0m	PV: 20cp	Filter Cake: 1/32nd"	K+:	6%	H2O:	91%	
Time: 10:00	YP: 34lb/100ft ²	HTHP FL: 11.2cc	Hard/Ca:	220	Oil:		
Weight: 9.60ppg	Gels 10s/10m: 9 / 12	HTHP Cake: 2/32nd"	MBT:	5	Sand:	0.5	
Temp:	Fann (3/6/100):		PM:		pH:	9	
	7 / 11 / 31		PF:	0.1	PHPA:	0.60ppb	
Comment							

WBM Data		Cost Today			Cumulative Cost \$ 102323		
Mud Type: KCl PHPA Polymer/Glycol	Viscosity: 62sec/qt	API FL Loss: 5.4cc	CI	3400	Solids:	5.5	
Depth: 1606.0m	PV: 22cp	Filter Cake: 1/32nd"	K+:	6%	H2O:	92%	
Time: 21:00	YP: 31lb/100ft ²	HTHP FL:	Hard/Ca:	30	Oil:		
Weight: 9.50ppg	Gels 10s/10m: 8 / 12	HTHP Cake:	MBT:	5	Sand:	0.4	
Temp:	Fann (3/6/100):		PM:		pH:	9	
	9 / 11 / 31		PF:	0.05	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		Active	205.0bbl	Full returns running and cementing casing.		
Centrifuge	DE 1000		Mixing				
Shaker 1	Derrick	Pyramid-175/175/210/210	Hole	387.0bbl			
Shaker 1	Derrick	Pyramid-175/175/210/210	Slug				
Shaker 2	Derrick	Pyramid-140/210/210/210	Reserve	420.0bbl			
Shaker 2	Derrick	Pyramid-140/210/210/210	Kill				
				Downhole			
				Surf. + Equip.403.0bbl			
				Dumped			
				De-Sander			
				De-Silter			
				Centrifuge 12.0bbl			

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	128	0	900.0	
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	4700	0	8,300.0	
Rig Fuel	ltr	0	4400	0	12,630.0	
Camp Fuel	ltr	0	350	0	1,750.0	

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
LTI/MTI incident free days	08 Aug 2006	0 Days	Incident free days 401/TRI 182 Days	Held 2 x pre tour safety meeting .Topics discussed .Running casing,Working at heights.Cement procedure