

09 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:	8.500in
Rig:	Ensign 32	Midnight Depth (TVD):	830.0m	Casing O.D.:	9.625in
Prognosed TD:	2350.0m	Progress:	0.0m	Shoe TVD:	803.0m
RT-GL:	5.90m	Days From Spud:	11.81	F.I.T. / L.O.T.	/ 20.00ppg
GL Elev.:	2.71m	Days On Well:	28.83	Rig Move Distance	1800+/- k's
Current Op's @ 0600 10 Aug 2006 :		RIH w/- 8 1/2 assy to 1250m			
Planned Operations for 10 Aug 2006 :		Drill out float and shoe. Drill rat hole and 3m to 1609m new hole . Perform LOT. Drill to 1615m POOH change assy to Rotary steerable assy.			

Summary of Period 0000 to 2400 Hrs
<p>Complete cement displacement. Set SLIP and Seal assy. Lift Bop's and cut 9 5/8 casing. lay out excess casing. Rack back BOP'S Final cut 9 5/8 stump. Install B section and test seals to 1700psi ok. Install BOP and test to 200psi low and 1700psi ok M/up 8 1/2 BHA and RIH to 295m</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 09 Aug 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH	P	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	P	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" Remove excess casing. Rack back BOP, Remove lower spacer spool.
IH	P	BOP	0500	0700	2.00	1606.0m	Final cut 9 5/8 casing at 5". Grind 3/8" bevel on OD and chamfer ID. Prepare B section to install
IH	P	BOP	0700	1300	6.00	1606.0m	Install 'B' section. Very tight, pull down with bolts evenly. Test seals to 1700psi 15 mins each.ok.
IH	P	BOP	1300	1330	0.50	1606.0m	Install DSA 11" x 13 5/8
IH	P	BOP	1330	1730	4.00	1606.0m	Install BOP, HCR, Bell Nipple & Flow line.
IH	P	BOP	1730	1830	1.00	1606.0m	Change out Rams from 9 5/8 to 4 1/5 drill pipe rams.
IH	TP	BOP	1830	2000	1.50	1606.0m	TDU Mud saver valve leaking. Change out and change damaged saver sub.
IH	P	BOP	2000	2100	1.00	1606.0m	M/up combination test tool and test BOP's .Test new B section X/over spool seal ring , pipe rams, HCR.Test 200psi low 5 mins ,1700psi high 10 mins. ok.
IH	P	BOP	2100	2200	1.00	1606.0m	Lay out test assy and install wear bushing
IH	P	HBHA	2200	2400	2.00	1606.0m	M/up new bit # 6, Pick extra up 3 x 6 1/2 DC continue m/up BHA to 250m

Operations For Period 0000 Hrs to 0600 Hrs on 10 Aug 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
IH		TI	0000	0500	5.00	1606.0m	RIH with 8 1/2 BHA picking up 69 singles off the cat walk.
IH		TI	0500	0600	1.00	1606.0m	Continue to RIH w/- 8 1/2 assy 1250m

General Comments

Comments	Rig Requirements
Visit from Nexus office staff. Back load Sperry sun 12 1/4 geo pilot and MWD tools. Hold BOP drill .secure well and muster at muster station..	

WBM Data **Cost Today \$ 75** **Cumulative Cost \$ 102398**

Mud Type: CI PHPA/Glycol	Viscosity: 54sec/qt	API FL Loss: 6.0cc	CI	31000	Solids: 4
Depth: 1606.0m	PV: 15cp	Filter Cake: 1/32nd"	K+:	6%	H2O: 94%
Time: 21:30	YP: 24lb/100ft ²	HTHP FL:	Hard/Ca:	200	Oil:
Weight: 9.25ppg	Gels 10s/10m: 7 / 10	HTHP Cake:	MBT:	5.5	Sand: 0.3
Temp:	Fann (3/6/100):		PM:		pH: 8.5
	6 / 8 / 23		PF:	0.1	PHPA: 0.50ppb

Comment Cut mud weight and solids with 460 screen and centrifuge.

Shakers, Volumes and Losses Data Engineer: Manfred Olejniczak / J.V.Babu

Equipment	Description	Mesh Size	Available	879.0bbl	Losses	134.0bbl	Comment
Centrifuge	DE 1000		Active	492.0bbl	Downhole		Ran surface mud over 460 screens and centrifuge all day.
Shaker 1	Derrick	Pyramid-210/210	Mixing		Surf. + Equip.	64.0bbl	
Shaker 2	Derrick	Pyramid-460/460	Hole	387.0bbl	Dumped	50.0bbl	
			Slug		De-Sander		
			Reserve		De-Silter		
			Kill		Centrifuge	20.0bbl	

Bit # 6			Wear	I	O1	D	L	B	G	O2	R
Size:	8.500in	IADC#:	Nozzles		Drilled over last 24 hrs				Calculated over Bit Run		
Mfr:	Hycalog	WOB (avg):	No.	Size	Progress:				Cum. Progress: 0.0m		
Type:	Rock	RPM (avg):	On Bottom Time:				Cum. On Btm Time: 0.00h				
Serial #:	RO3706	F.Rate:	IADC Time:				Cum. IADC Time: 0.00h				
Depth In:	1606.0m	SPP:	Total Revs:				Cum. Total Revs: 0				
Depth Out:		HSI:	ROP (avg):				Overall ROP (avg): 0.00 m/hr				
Bit Model:	HP21G	TFA: 0.000									

BHA # 6

Wt. Below Jars Dry:	Length: 208.9m	Torque (max):	DC (1) Ann Vel.: 0fpm
Weight Dry:	String Weight: 46000.0klb	Torque On Btm:	DC (2) Ann Vel.: 0fpm
Type: Pendulum	Pick-Up Weight: 48000.0klb	Torque Off Btm:	HWDP Ann. Vel.: 0fpm
	Slack-Off Weight: 45000.0klb		DP Ann. Vel.: 0fpm

#	Equipment	Tool Description	Length	O.D.	I.D.	Serial #	Hours
1	Bit		0.26m	8.50in		RO3706	
2	Bit Sub		0.92m	6.50in	3.00in		
3	Drill Collar	6 X 6.5 DC	54.56m	6.50in	3.00in		
4	HWDP	9 X HWDP	86.05m	4.50in	2.75in	176020301	92.00h
5	Drilling Jars		9.95m	4.60in	3.00in		
6	HWDP	6 X HWDP	57.17m	4.50in	2.75in		

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	0	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	38900	6000	0	41,200.0
Rig Fuel	ltr	35570	1600	0	46,600.0
Camp Fuel	ltr	3850	550	0	5,050.0

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		97						9.50
2	National - 8P-80	5.50		97						9.50
3	National - 8P-80	5.50								
4	IDECO - T1000	6.00		97	312					9.50

HSE Summary					
Events	Date of Last	Days Since	Description	Remarks	
LTI/MTI incident free days	09 Aug 2006	0 Days	Incident free days 401/TRI 182 Days	Held 2 x pre tour safety meeting .Topics discussed .Nippling up BOP's and testing. Bad weather coming so be prepared,Use provided PPE .	