

23 Aug 2006

From : Troy Reid/Conway Waak
To : Bob Goosem/ Brian King/James Hinton

Well Data				Town Side QC Done	
Drill Co.:	Ensign	Midnight Depth (MD):	2315.0m	Current Hole Size:	8.500in
Rig:	Ensign 32	Midnight Depth (TVD):	1364.8m	Casing O.D.:	9.625in
Prognosed TD:	2350.0m	Progress:	0.0m	Shoe TVD:	803.0m
RT-GL:	5.90m	Days From Spud:	25.81	F.I.T. / L.O.T.	/ 16.70ppg
GL Elev.:	2.71m	Days On Well:	42.75	Rig Move Distance	1800+/- k's
Current Op's @ 0600 24 Aug 2006 :		Finish laying down drillpipe. Nipple down bop's			
Planned Operations for 24 Aug 2006 :		L/d drillpipe. N/d bop's. Remove wellhead. Clean mud pits. Rig Release			

Summary of Period 0000 to 2400 Hrs
Lay down Drill Collars. Test 13 3/8" x 9 5/8" annulus to 500psi over 20 ppg EMW - OK. Set cmt plugs #3 (Lakes Entrance) and #4 (9-5/8" shoe). Lay down drillpipe. RIH and tag plug #4 at 1504m. Test casing and plug No.4 to 1600psi - OK. POOH laying down drillpipe.

Formation Tops					
Sequence	Formation Name	Top Depth (MD, (m))	Top Depth (TVD, (m))	Comment	Wireline Depth (m)
0	Gippsland LMST	320.0	314.5	5.9m Low	
0	Lakes Entrance	1880.0	962.9	3.6m High	
0	Latrobe Coarse Clastics	2124.5	1173.5	12m Low	
0	Latrobe N Asperus (Coal)	2196.0	1243.7	18m Low	

Operations For Period 0000 Hrs to 2400 Hrs on 23 Aug 2006							
Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PA	P	TO	0000	0100	1.00	2315.0m	POOH from 1996m to 1588m.
PA	P	LDP	0100	0230	1.50	2315.0m	RIH with 6 1/4" drill collars from 1588m to 1645m. POOH laying down drill collars.
PA	TP	CIR	0230	0830	6.00	2315.0m	Circulate and condition mud wait on cement.
PA	P	CAT	0830	0900	0.50	2315.0m	Pressure test 13 3/8" x 9 5/8" annulus to 1600 psi (500 psi over LOT) for 10 mins - OK.
PH	P	CIR	0900	1000	1.00	2315.0m	RIH to 1895m break circulation
PA	P	CMP	1000	1100	1.00	2315.0m	Hold PJSM. Pump 5 bbls spacer, test surface lines to 3000psi ok, pump 5 bbls spacer. Mix and pump 94.5 cu/ft 15.8ppg slurry, displace w/-79.3 bbls. Check back flow - static.
PA	P	TO	1100	1130	0.50	2315.0m	POOH f/- 1895m to 1750m .
PA	P	CMD	1130	1200	0.50	2315.0m	Circulate bottoms up at 1750m.
PA	P	CMD	1200	1230	0.50	2315.0m	Spot 30 bbl high vis spacer under plug #4. POOH to 1627m
PA	P	CMP	1230	1330	1.00	2315.0m	Hold PJSM. Install cement swedge.Pump 5 bbls spacer. Test surface lines to 3000psi - OK. Pump 5 bbls spacer. Mix and pump 303cu/ft 15.8ppg slurry. Displace w/-64.6 bbls. Check back flow - static
PA	P	TO	1330	1400	0.50	2315.0m	POOH F/-1627m to 1400m
PA	P	CMD	1400	1500	1.00	2315.0m	Circulate 2 x bottoms up
PA	P	LDP	1500	1830	3.50	2315.0m	Pooh laying down drillpipe (78 singles).
PA	P	TI	1830	1930	1.00	2315.0m	RIH to 1311m
PA	P	WOC	1930	2030	1.00	2315.0m	WOC. Prep to lay down drillpipe.
PA	P	TI	2030	2100	0.50	2315.0m	RIH to 1504m and tag top of plug #4.
PA	P	PT	2100	2130	0.50	2315.0m	POOH to 1460m. Rig up and test casing and cement plug to 1600 psi (500 psi over LOT).
PA	P	LDP	2130	2400	2.50	2315.0m	POOH laying down drillpipe.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Aug 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PA		LDP	0000	0200	2.00	2315.0m	Continue to lay down drill pipe to 212m 2 7/8 cement stinger . Corrosion protection used on drill pipe laying down
PA		LDP	0200	0500	3.00	2315.0m	Layout 2 7/8 cement stinger
PA		BOP	0500	0600	1.00	2315.0m	Nipple down BOP.

General Comments

Comments	Rig Requirements
Release mud engineers. Back load PCS equipment. Prepare santos equipment for backload.	

WBM Data

Cost Today \$ 2805

Cumulative Cost \$ 185441

Mud Type: KCl PHPA/Glycol	Viscosity: 63sec/qt	API FL Loss: 5.0cc	CI	37000	Solids: 10.2
Depth: 2315.0m	PV: 25cp	Filter Cake: 1/32nd"	K+	6%	H2O: 87%
Time: 18:00	YP: 35lb/100ft ²	HTHP FL:	Hard/Ca: 380		Oil:
Weight: 10.55ppg	Gels 10s/10m: 9 / 14	HTHP Cake:	MBT: 8		Sand: 0.5
Temp:	Fann (3/6/100):		PM:		pH: 9
	10 / 13 / 35		PF: 0.05		PHPA:

Comment

Shakers, Volumes and Losses Data

Engineer: Manfred Olejniczak / J.V.Babu

Equipment	Description	Mesh Size	Available	866.0bbl	Losses	134.0bbl	Comment
Centrifuge	DE 1000		Active	200.0bbl	Downhole		
Shaker 1	Derrick	Pyramid - 4x140	Mixing		Surf. + Equip. 99.0bbl		
Shaker 2	Derrick	Pyramid - 4x140	Hole	556.0bbl	Dumped 25.0bbl		
			Slug		De-Sander		
			Reserve	110.0bbl	De-Silter		
			Kill		Centrifuge 10.0bbl		

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
2197.64	6.92	99.24	1245.3	-728.91	10.49	-728.91	1371.49	1553.16	118	MWD
2226.47	3.33	92.87	1274.0	-729.24	12.59	-729.24	1374.04	1555.56	118	MWD
2255.27	1.11	90.43	1302.8	-729.28	7.71	-729.28	1375.15	1556.57	117.9	MWD
2284.10	0.92	88.16	1331.6	-729.27	0.67	-729.27	1375.66	1557.02	117.9	MWD
2303.74	1.19	92.86	1351.2	-729.28	1.44	-729.28	1376.03	1557.34	117.9	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite	sx	0	0	0	-380.0
KCl	sx	0	0	0	-620.0
Salt	sx	0	0	0	0.0
Gel	sx	0	0	0	230.0
Potable Water	ltr	32000	8000	0	36,000.0
Rig Fuel	ltr	0	4100	0	21,720.0
Camp Fuel	ltr	0	350	0	6,350.0

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	74	97	568	2650	44	300	2315.0	10.50
2	National - 8P-80	5.50	74	97	568	2650	60	400	2315.0	10.50
3	National - 8P-80	5.50	74	97	568	2650	44	300	2315.0	10.50
4	IDECO - T1000						60	400		

HSE Summary				
Events	Date of Last	Days Since	Description	Remarks
Pre-Tour Meetings	23 Aug 2006	0 Days	Incident free days 23/TRI 23 Days	Held 2 x pre tour safety meeting .Topics discussed ,Cement operations