



## APPENDIX 8 – DAILY DRILLING REPORTS

Day 1

## DAILY DRILLING REPORT

25 Jul 2009

Saturday

Itude 3



TENURE:	Australia	Location:	Surat Basin	24 HR PROG:	54.7m
RIG:	ATP 854P	24:00 DEPTH:	54.7mGL	PROPOSED TD:	383mGL
SPUD:	Lucas 180	FORMATION:	Westbourne Formation	TD REACHED:	
RIG RELEASE:	08:00 hrs	25-Jul-2009	TD:		
OPs TO 06:00	Waiting on daylight.				
OPs AT 06:00	Crews mobilising from motel to site.				
PROJECTED Ops	Nipple up BOP, drill out cement, LOT/FIT, begin coring				
REMARKS:					
CONDUCTOR:	N/A	SET AT:		SURF. CASING:	4 1/2" 11.6lb/ft Ozcon R1 LP
PRODUCTION CSG:		SET AT:		BOP TEST:	-
				NEXT TEST DUE:	-
AFDs:	1	SAFETY:	discussed conduct of environmental inspections and audits at morning safety meeting		
				DAILY COSTS:	
				CUM COSTS:	
				WEATHER AM:	Fine/Cold
				PM:	Fine/Warm

BIT INFORMATION			BHA 1		MUD		OPERATIONS		HRS	CUM
WOB (klbs)			TOOL	LENGTH	PROPERTIES		1. Rig Up/ Down	1.00	1.00	
RPM			Bit, Bit Sub, Stabiliser	1.46	Company	AMC	2. Casing	1.00	1.00	
BIT NUMBER	1		1 x 4" Drill Collar	6.00	Surface Vol (bbl)	407	3. Cementing	0.75	0.75	
Size (in)	5 1/2"		1 x String Stabiliser	1.00	Hole Vol (bbl)	5.3	4. Circ. & Condition	0.25	0.25	
Make					Time		5. Coring	0.00	0.00	
Type	PDC				Depth (mGL)		6. Drillout Cement	0.00	0.00	
IADC Code					Temp (oC)		7. Drilling	0.75	0.75	
Serial Number					Mud Type		8. Handle BHA	0.00	0.00	
Nozzles					Density (ppg)		9. SDFN/Wait on Ligh	11.50	11.50	
Depth In (mGL)	0				Viscosity (sec)		10. LOT/FIT	0.00	0.00	
Depth Out (mGL)	54.7				pH		11. Nipple up BOPs	0.00	0.00	
Metres	54.7				Time		12. P&A	0.00	0.00	
Hours	0.75				Depth (mGL)		13. Repairs	0.00	0.00	
ROP (m/hr)	72.9		BHA Length:	8.46	Temp (oC)		14. Rig Service	0.00	0.00	
Condition Out			Drill pipe	48.09	Mud Type		15. Safety/TBM	0.50	0.50	
FLOW DATA			Kelly Down	-1.85	Density (ppg)		16. Survey	0.00	0.00	
Circ. Rate			24:00hr Depth (mGL)	54.70	Viscosity (sec)		17. Test BOP / PT	0.00	0.00	
AV - DP (fpm)			String Weight (klbs)	0	pH		18. Tight Hole/Fishing	0.00	0.00	
AV - DC (fpm)			CHEMICAL USE			Time	19. Slip & Cut Line	0.00	0.00	
SPP (psi)			Product	Qty	Product	Qty	20. Wait on Cement	6.75	6.75	
SCR (spm/psi)			Liquid Polymer	1	KCl	0	21. Wash/Ream	0.00	0.00	
PUMP # 1			PUMP # 2			Depth (mGL)	22. Well Control	0.00	0.00	
Type		Type	Cement	30			23. Well Test	0.00	0.00	
Rate (spm)		Rate (spm)	Bentonite (Gel)	0			24. Trip	0.50	0.50	
Liner (")		Liner (")	Soda Ash	0			25. Wireline Logging	0.00	0.00	
Stroke		Stroke	EP Bit Lube	0			26. Travel / Other	1.00	1.00	
Personnel Onsite: 5			Bentonite Pellets	0						
			Aus Trol	0		Daily Mud Cost	\$ 540			
			Gypset	0		Cum. Mud Cost	\$ 540			
						AFE Cost	\$ 1,000			
						TOTALS		24.00	24.00	

## HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
25/07/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel
	06:30	07:00	Safety meeting - discussed conduct of environmental inspections and audits
	07:00	08:00	Setup for spud
	08:00	08:45	SPUD ITUDE 3 - Drill 5 1/2" open hole from 0.00 m to 54.70 m
	08:45	09:00	Circulate hole clean
	09:00	09:30	Pull out of hole
	09:30	10:30	Run in hole with 4 1/2" Ozcon casing from 0.00 m to 54.40 m
	10:30	11:00	Setup to cement
	11:00	11:15	Mix 30 bags of cement at 14.4 ppg and pump until cement returns
	11:15	18:00	Wait on cement
	18:00	18:30	Travel
	18:30	00:00	Wait on daylight

COMPANY MAN:

GEOLOGIST:

P. McGrath

RIG MANGER:

B. Turner

Day 2

## DAILY DRILLING REPORT

26 Jul 2009

Itude 3

Sunday



TENURE:	Australia	Location:	Surat Basin	24 HR PROG:	130.7m
RIG:	ATP 854P	24:00 DEPTH:	185.4mGL	PROPOSED TD:	383mGL
SPUD:	Lucas 180	FORMATION:	Juandah CM	TD REACHED:	
RIG RELEASE:	08:00 hrs	25-Jul-2009	TD:		
OPs TO 06:00	Waiting on daylight.				
OPs AT 06:00	Crews mobilising from motel to site.				
PROJECTED Ops	Perform DST, RIH to continue coring				
REMARKS:	Drilling break occurred at 74 m with an associated influx of possible formation fluid, water sample taken.				
CONDUCTOR:	N/A	SET AT:		SURF. CASING:	4 1/2" 11.6lb/ft Ozcon R1 LP
PRODUCTION CSG:		SET AT:		BOP TEST:	-
				NEXT TEST DUE:	-
AFDs:	2	SAFETY:	discussed well control and recognising warning signs of a kick at morning safety meeting		
				DAILY COSTS:	
				CUM COSTS:	
				WEATHER AM:	Fine/Cold
				PM:	Fine/Warm

BIT INFORMATION			BHA 2		MUD		OPERATIONS	HRS	CUM
WOB (klbs)	RPM		TOOL	LENGTH	PROPERTIES				
			Core barrel	7.20	Company	AMC	1. Rig Up/ Down	0.00	1.00
					Surface Vol (bbl)	407	2. Casing	0.00	1.00
BIT NUMBER	2				Hole Vol (bbl)	9.5	3. Cementing	0.00	0.75
Size (in)	96 mm				Time	10:30	4. Circ. & Condition	0.00	0.25
Make	BL				Depth (mGL)	54	5. Coring	8.00	8.00
Type	7 step				Temp (oC)		6. Drillout Cement	0.50	0.50
IADC Code					Mud Type	Polymer	7. Drilling	0.00	0.75
Serial Number	1375744				Density (ppg)	8.3	8. Handle BHA	0.00	0.00
Nozzles					Viscosity (sec)	32	9. SDFN/Wait on Ligh	11.00	22.50
Depth In (mGL)	54.7				pH		10. LOT/FIT	0.00	0.00
Depth Out (mGL)	185.4				Time	13:00	11. Nipple up BOPs	1.75	1.75
Metres	271.7				Depth (mGL)	95	12. P&A	0.00	0.00
Hours	27.5				Temp (oC)		13. Repairs	0.00	0.00
ROP (m/hr)	9.9				Mud Type	Polymer	14. Rig Service	0.50	0.50
Condition Out	Continued from Itude 2				Density (ppg)	8.4	15. Safety/TBM	0.50	1.00
					Viscosity (sec)	42	16. Survey	0.00	0.00
					pH		17. Test BOP / PT	0.25	0.25
					Time	17:00	18. Tight Hole/Fishing	0.00	0.00
					Depth (mGL)	165	19. Slip & Cut Line	0.00	0.00
					Temp (oC)		20. Wait on Cement	0.00	6.75
					Mud Type	Polymer	21. Wash/Ream	0.00	0.00
					Density (ppg)	8.4	22. Well Control	0.00	0.00
					Viscosity (sec)	42	23. Well Test	0.00	0.00
					pH		24. Trip	0.50	1.00
					Daily Mud Cost	\$ -	25. Wireline Logging	0.00	0.00
					Cum. Mud Cost	\$ 540	26. Travel / Other	1.00	2.00
					AFE Cost	\$ 1,000			
							<b>TOTALS</b>	<b>24.00</b>	<b>48.00</b>

## HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
26/07/2009	00:00	06:30	Wait on daylight
	06:30	07:00	Travel
	07:00	07:30	Safety meeting - discussed kick warning signs from SMP
	07:30	08:00	Nipple down cement head
	08:00	09:15	Nipple up BOP
	09:15	09:30	BOP test - 300 psi low ok / 600 psi high ok
	09:30	10:00	Run in hole with HQ3 BHA
	10:00	10:30	Drill out cement from 45.90 m to 54.70 m
	10:30	18:30	Core HQ3 from 54.70 m to 185.40 m
	18:30	19:00	Service head
	19:00	19:30	Travel
	19:30	00:00	Wait on daylight

COMPANY MAN:

GEOLOGIST:

P. McGrath

RIG MANGER:

B. Turner



Day 4

## DAILY DRILLING REPORT

28 Jul 2009

Itude 3

Tuesday



TENURE:	Australia	Location:	Surat Basin	24 HR PROG:	6.5m
RIG:	ATP 854P	24:00 DEPTH:	227.9mGL	PROPOSED TD:	383mGL
SPUD:	Lucas 180	FORMATION:	Tangalooma Sst	TD REACHED:	
RIG RELEASE:	08:00 hrs	25-Jul-2009	TD:		
OPs TO 06:00	Waiting on daylight.				
OPs AT 06:00	Crews mobilising from motel to site.				
PROJECTED Ops	Continue coring to DST2 TD				
REMARKS:	Pulled out after losing penetration and rotation				
CONDUCTOR:	N/A	SET AT:		SURF. CASING:	4 1/2" 11.6lb/ft Ozcon R1 LP
PRODUCTION CSG:		SET AT:		BOP TEST:	28-Jul-2009
				NEXT TEST DUE:	18-Aug-2009
AFDs:	4	SAFETY:	Blowout Drills discussed at morning safety meeting		
				DAILY COSTS:	
				CUM COSTS:	
				WEATHER AM:	Fine/Cold
				PM:	Fine/Warm

BIT INFORMATION			BHA 2		MUD		OPERATIONS		HRS	CUM
WOB (klbs)			TOOL	LENGTH	PROPERTIES		1. Rig Up/ Down	0.00	1.00	
RPM			Core barrel	7.20	Company	AMC	2. Casing	0.00	1.00	
BIT NUMBER	2				Surface Vol (bbl)	407	3. Cementing	0.00	0.75	
Size (in)	96 mm				Hole Vol (bbl)	11.4	4. Circ. & Condition	0.25	0.50	
Make	BL				Time	7:30	5. Coring	0.75	13.00	
Type	7 step				Depth (mGL)	221	6. Drillout Cement	0.00	0.50	
IADC Code					Temp (oC)		7. Drilling	0.00	0.75	
Serial Number	1375744				Mud Type	Polymer	8. Handle BHA	0.00	0.00	
Nozzles					Density (ppg)	8.4	9. SDFN/Wait on Ligh	11.50	45.00	
Depth In (mGL)	54.7				Viscosity (sec)	36	10. LOT/FIT	0.00	0.00	
Depth Out (mGL)	In Hole				pH		11. Nipple up BOPs	0.00	1.75	
Metres	314.2				Time	9:15	12. P&A	0.00	0.00	
Hours	32.25				Depth (mGL)	227	13. Repairs	0.00	0.00	
ROP (m/hr)	9.7				Temp (oC)		14. Rig Service	0.00	0.50	
Condition Out	Continued from Itude 2				Mud Type		15. Safety/TBM	0.50	2.00	
FLOW DATA					Density (ppg)	8.4	16. Survey	0.00	0.00	
Circ. Rate					Viscosity (sec)	42	17. Test BOP / PT	0.00	0.25	
AV - DP (fpm)					pH		18. Tight Hole/Fishing	0.00	0.00	
AV - DC (fpm)					Time		19. Slip & Cut Line	0.00	0.00	
SPP (psi)					Depth (mGL)		20. Wait on Cement	0.00	6.75	
SCR (spm/psi)					Temp (oC)		21. Wash/Ream	0.00	0.00	
PUMP # 1			PUMP # 2		Mud Type		22. Well Control	0.00	0.00	
Type					Density (ppg)		23. Well Test	0.00	3.50	
Rate (spm)					Viscosity (sec)		24. Trip	1.00	4.25	
Liner (")					pH		25. Wireline Logging	3.50	3.50	
Stroke					Daily Mud Cost	\$ -	26. Travel / Other	6.50	11.00	
Personnel Onsite: 9					Cum. Mud Cost	\$ 840				
					AFE Cost	\$ 1,000				
							<b>TOTALS</b>	<b>24.00</b>	<b>96.00</b>	

## HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
28/07/2009	00:00	06:30	Wait on daylight
	06:30	07:00	Travel
	07:00	07:30	Safety meeting - blowout drills discussed
	07:30	07:45	Circulate hole clean
	07:45	08:30	Core HQ3 from 221.40 m to 227.90 m (6.50 m)
	08:30	09:30	Hole trouble, no penetration, no rotation
	09:30	10:15	Standby on hole trouble
	10:15	10:45	Pull out of hole
	10:45	14:30	Standby wait on loggers
	14:30	18:00	Wireline logging
	18:00	18:30	Run in hole with HQ3 BHA
	18:30	19:00	Travel
	19:00	00:00	Wait on daylight

COMPANY MAN:

GEOLOGIST:

P. McGrath

RIG MANGER:

B. Turner

Day 5

DAILY DRILLING REPORT



29 Jul 2009

Itude 3

Wednesday

TENURE:	Australia	Location:	Surat Basin	24 HR PROG:	35.5m
RIG:	ATP 854P	24:00 DEPTH:	263.4mGL	PROPOSED TD:	383mGL
SPUD:	Lucas 180	FORMATION:	Taroom CM	TD REACHED:	
RIG RELEASE:	08:00 hrs	25-Jul-2009	TD:		
OPs TO 06:00	Waiting on daylight.				
OPs AT 06:00	Crews mobilising from motel to site.				
PROJECTED Ops	Continue coring to DST2 TD				
REMARKS:	High torque and very slow rotation				
CONDUCTOR:	N/A	SET AT:		SURF. CASING:	4 1/2" 11.6lb/ft Ozcon R1 LP
PRODUCTION CSG:		SET AT:		BOP TEST:	28-Jul-2009
				NEXT TEST DUE:	18-Aug-2009
				DAILY COSTS:	
				CUM COSTS:	
				WEATHER AM:	Fine/Cold
				PM:	Fine/Warm
AFDs:	5	SAFETY: Prespud and safety meeting protocol discussed at morning safety meeting			

BIT INFORMATION				BHA 2		MUD		OPERATIONS	HRS	CUM
WOB (klbs)				TOOL	LENGTH	PROPERTIES				
RPM				Core barrel	7.20	Company	AMC	1. Rig Up/ Down	0.00	1.00
BIT NUMBER	2					Surface Vol (bbl)	408	2. Casing	0.00	1.00
Size (in)	96 mm					Hole Vol (bbl)	13.0	3. Cementing	0.00	0.75
Make	BL					Time	8:00	4. Circ. & Condition	2.50	3.00
Type	7 step					Depth (mGL)	228	5. Coring	8.00	21.00
IADC Code						Temp (oC)		6. Drillout Cement	0.00	0.50
Serial Number	1375744					Mud Type	Polymer	7. Drilling	0.00	0.75
Nozzles						Density (ppg)	8.5	8. Handle BHA	0.00	0.00
Depth In (mGL)	54.7					Viscosity (sec)	42	9. SDFN/Wait on Ligh	11.00	56.00
Depth Out (mGL)	In Hole					pH		10. LOT/FIT	0.00	0.00
Metres	349.7					Time	12:00	11. Nipple up BOPs	0.00	1.75
Hours	40.75					Depth (mGL)	245	12. P&A	0.00	0.00
ROP (m/hr)	8.6					Temp (oC)		13. Repairs	0.00	0.00
Condition Out	Continued from Itude 2					Mud Type	Polymer	14. Rig Service	0.00	0.50
FLOW DATA				BHA Length:	7.20	Density (ppg)	8.5	15. Safety/TBM	0.50	2.50
Circ. Rate				Drill pipe	258.05	Viscosity (sec)	45	16. Survey	0.00	0.00
AV - DP (fpm)				Kelly Down	-1.85	pH		17. Test BOP / PT	0.00	0.25
AV - DC (fpm)				24:00hr Depth (mGL)	263.40	Time	17:30	18. Tight Hole/Fishing	0.00	0.00
SPP (psi)				String Weight (klbs)	0	Depth (mGL)	260	19. Slip & Cut Line	0.00	0.00
SCR (spm/psi)				CHEMICAL USE		Temp (oC)		20. Wait on Cement	0.00	6.75
PUMP # 1		PUMP # 2		Product	Qty	Product	Qty	21. Wash/Ream	0.00	0.00
Type		Type		Liquid Polymer	1	KCl	0	22. Well Control	0.00	0.00
Rate (spm)		Rate (spm)		Cement	0			23. Well Test	0.00	3.50
Liner (")		Liner (")		Bentonite (Gel)	0			24. Trip	1.00	5.25
Stroke		Stroke		Soda Ash	0			25. Wireline Logging	0.00	3.50
Personnel Onsite: 7				EP Bit Lube	1			26. Travel / Other	1.00	12.00
				Bentonite Pellets	0			TOTALS	24.00	120.00
				Aus Trol	0					
				Gypset	0					
				Daily Mud Cost	\$	425				
				Cum. Mud Cost	\$	1,265				
				AFE Cost	\$	1,000				

HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
29/07/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel
	06:30	07:30	Run in hole with HQ3 BHA
	07:30	08:00	Safety meeting - prespud and safety meeting protocol discussed
	08:00	09:00	Core HQ3 from 227.90 m to 231.00 m (3.10 m)
	09:00	09:30	Mix mud and circulate
	09:30	12:30	Core HQ3 from 231.00 m to 245.40 m (14.40 m)
	12:30	14:30	Mix mud and circulate
	14:30	18:30	Core HQ3 from 245.40 m to 263.40 m (18.00 m)
	18:30	19:00	Travel
	19:00	00:00	Wait on daylight

Day 6

# DAILY DRILLING REPORT

30 Jul 2009

Itude 3

Thursday



<b>TENURE:</b>	Australia	<b>Location:</b>	Surat Basin	
	ATP 854P	<b>24:00 DEPTH:</b>	292.73mGL	
<b>RIG:</b>	Lucas 180	<b>FORMATION:</b>	Taroom CM	
<b>SPUD:</b>	08:00 hrs	25-Jul-2009	<b>TD REACHED:</b>	hrs
<b>RIG RELEASE:</b>	hrs		<b>TD:</b>	hrs
<b>OPs TO 06:00</b>	Waiting on daylight.			
<b>OPs AT 06:00</b>	Crews mobilising from motel to site.			
<b>PROJECTED Ops</b>	Fish for HQ pipe in hole			
<b>REMARKS:</b>	High torque and very slow rotation. Joints broken at 120 m and 150 m.			
<b>CONDUCTOR:</b>	N/A	<b>SET AT:</b>	<b>SURF. CASING:</b>	4 1/2" 11.6lb/ft Ozcon R1 LP
<b>PRODUCTION CSG:</b>		<b>SET AT:</b>	<b>BOP TEST:</b>	28-Jul-2009
			<b>NEXT TEST DUE:</b>	18-Aug-2009
<b>AFDs:</b>	6	<b>SAFETY:</b>	Risk assessment discussed at morning safety meeting	
			<b>DAILY COSTS:</b>	
			<b>CUM COSTS:</b>	
			<b>WEATHER AM:</b>	Fine/Cold
			<b>PM:</b>	Fine/Warm

BIT INFORMATION			BHA 2		MUD		OPERATIONS		HRS	CUM
WOB (klbs)			TOOL	LENGTH	PROPERTIES		1. Rig Up/ Down	0.00	1.00	
RPM			Core barrel	7.20	Company	AMC	2. Casing	0.00	1.00	
<b>BIT NUMBER</b>	2				Surface Vol (bbl)	407	3. Cementing	0.00	0.75	
Size (in)	96 mm				Hole Vol (bbl)	14.4	4. Circ. & Condition	0.50	3.50	
Make	BL				Time		5. Coring	8.50	29.50	
Type	7 step				Depth (mGL)		6. Drillout Cement	0.00	0.50	
IADC Code					Temp (oC)		7. Drilling	0.00	0.75	
Serial Number	1375744				Mud Type		8. Handle BHA	0.00	0.00	
Nozzles					Density (ppg)		9. SDFN/Wait on Ligh	11.00	67.00	
Depth In (mGL)	54.7				Viscosity (sec)		10. LOT/FIT	0.00	0.00	
Depth Out (mGL)	In Hole				pH		11. Nipple up BOPs	0.00	1.75	
Metres	379.03				Time		12. P&A	0.00	0.00	
Hours	49.25				Depth (mGL)		13. Repairs	0.00	0.00	
ROP (m/hr)	7.7		<b>BHA Length:</b>	7.20	Temp (oC)		14. Rig Service	0.00	0.50	
Condition Out	Continued from Itude 2		Drill pipe	287.38	Mud Type		15. Safety/TBM	0.50	3.00	
<b>FLOW DATA</b>					Density (ppg)		16. Survey	0.00	0.00	
Circ. Rate			Kelly Down	-1.85	Viscosity (sec)		17. Test BOP / PT	0.00	0.25	
AV - DP (fpm)			<b>24:00hr Depth (mGL)</b>	292.73	pH		18. Tight Hole/Fishing	2.50	2.50	
AV - DC (fpm)			String Weight (klbs)	0	Time		19. Slip & Cut Line	0.00	0.00	
SPP (psi)			<b>CHEMICAL USE</b>		Depth (mGL)		20. Wait on Cement	0.00	6.75	
SCR (spm/psi)			<b>Product</b>	<b>Qty</b>	<b>Product</b>	<b>Qty</b>	21. Wash/Ream	0.00	0.00	
<b>PUMP # 1</b>			Liquid Polymer	0	KCl	0	22. Well Control	0.00	0.00	
<b>PUMP # 2</b>			Cement	0			23. Well Test	0.00	3.50	
Type	Type	Type	Bentonite (Gel)	0			24. Trip	0.00	5.25	
Rate (spm)	Rate (spm)	Rate (spm)	Soda Ash	0			25. Wireline Logging	0.00	3.50	
Liner (")	Liner (")	Liner (")	EP Bit Lube	0			26. Travel / Other	1.00	13.00	
Stroke	Stroke	Stroke	Bentonite Pellets	0						
<b>Personnel Onsite: 8</b>			Aus Trol	0			Daily Mud Cost	\$ -		
			Gypset	0			Cum. Mud Cost	\$ 1,265		
							AFE Cost	\$ 1,000		
							<b>TOTALS</b>	<b>24.00</b>	<b>144.00</b>	

HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
30/07/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel
	06:30	07:00	Safety meeting - risk assessment discussed, 2 hazards raised
	07:00	14:45	Core HQ3 from 263.40 m to 287.40 m (24.00 m)
	14:45	15:15	Circulate, trouble rotating, high torque
	15:15	16:00	Core HQ3 from 287.40 m to 292.73 m (5.33 m)
	16:00	18:30	Pipe snapped off at 150 m, fishing
	18:30	19:00	Travel
	19:00	00:00	Wait on daylight

Day 7

# DAILY DRILLING REPORT

31 Jul 2009

Itude 3

Friday



<b>TENURE:</b>	Australia	<b>Location:</b>	Surat Basin	<b>24 HR PROG:</b>	0m
	ATP 854P	<b>24:00 DEPTH:</b>	292.73mGL		
<b>RIG:</b>	Lucas 180	<b>FORMATION:</b>	Taroom CM	<b>PROPOSED TD:</b>	383mGL
<b>SPUD:</b>	08:00 hrs	25-Jul-2009	<b>TD REACHED:</b>		
<b>RIG RELEASE:</b>			<b>TD:</b>		
<b>OPs TO 06:00</b>	Waiting on daylight.				
<b>OPs AT 06:00</b>	Crews mobilising from motel to site.				
<b>PROJECTED Ops</b>	Mobilise fishing tools from Brisbane, fish for HQ pipe.				
<b>REMARKS:</b>	Attempted to fish pipe using Bowen Spear. Unable to latch onto heat treated tool joint.				
<b>CONDUCTOR:</b>	N/A	<b>SET AT:</b>		<b>SURF. CASING:</b>	4 1/2" 11.6lb/ft Ozcon R1 LP
<b>PRODUCTION CSG:</b>		<b>SET AT:</b>		<b>SET AT:</b>	54.4mGL
		<b>BOP TEST:</b>	28-Jul-2009	<b>DAILY COSTS:</b>	
		<b>NEXT TEST DUE:</b>	18-Aug-2009	<b>CUM COSTS:</b>	
<b>AFDs:</b>	7	<b>SAFETY:</b>	No safety meeting		
				<b>WEATHER AM:</b>	Fine/Cold
				<b>PM:</b>	Fine/Warm

BIT INFORMATION				BHA		MUD		OPERATIONS		HRS	CUM
<b>WOB (klbs)</b>				<b>TOOL</b>	<b>LENGTH</b>	<b>PROPERTIES</b>		1. Rig Up/ Down	0.00	<b>1.00</b>	
<b>RPM</b>						Company		2. Casing	0.00	<b>1.00</b>	
<b>BIT NUMBER</b>						Surface Vol (bbl)		3. Cementing	0.00	<b>0.75</b>	
Size (in)						Hole Vol (bbl)		4. Circ. & Condition	0.00	<b>3.50</b>	
Make						Time		5. Coring	0.00	<b>29.50</b>	
Type						Depth (mGL)		6. Drillout Cement	0.00	<b>0.50</b>	
IADC Code						Temp (oC)		7. Drilling	0.00	<b>0.75</b>	
Serial Number						Mud Type		8. Handle BHA	0.00	<b>0.00</b>	
Nozzles						Density (ppg)		9. SDFN/Wait on Ligh	11.00	<b>78.00</b>	
Depth In (mGL)						Viscosity (sec)		10. LOT/FIT	0.00	<b>0.00</b>	
Depth Out (mGL)						pH		11. Nipple up BOPs	0.00	<b>1.75</b>	
Metres						Time		12. P&A	0.00	<b>0.00</b>	
Hours						Depth (mGL)		13. Repairs	0.00	<b>0.00</b>	
ROP (m/hr)				<b>BHA Length:</b>	0.00	Temp (oC)		14. Rig Service	0.00	<b>0.50</b>	
Condition Out				Drill pipe	0.00	Mud Type		15. Safety/TBM	0.00	<b>3.00</b>	
<b>FLOW DATA</b>						Density (ppg)		16. Survey	0.00	<b>0.00</b>	
Circ. Rate				Kelly Down	0.00	Viscosity (sec)		17. Test BOP / PT	0.00	<b>0.25</b>	
AV - DP (fpm)				String Weight (klbs)	0	pH		18. Tight Hole/Fishing	2.00	<b>4.50</b>	
AV - DC (fpm)				<b>CHEMICAL USE</b>			Time	19. Slip & Cut Line	0.00	<b>0.00</b>	
SPP (psi)				<b>Product</b>	<b>Qty</b>	<b>Product</b>	<b>Qty</b>	20. Wait on Cement	0.00	<b>6.75</b>	
SCR (spm/psi)				Liquid Polymer	0	KCl	0	21. Wash/Ream	0.00	<b>0.00</b>	
<b>PUMP # 1      PUMP # 2</b>						Mud Type		22. Well Control	0.00	<b>0.00</b>	
Type	Type	Type	Type	Cement	0	Density (ppg)		23. Well Test	0.00	<b>3.50</b>	
Rate (spm)	Rate (spm)	Rate (spm)	Rate (spm)	Bentonite (Gel)	0	Viscosity (sec)		24. Trip	0.00	<b>5.25</b>	
Liner (")	Liner (")	Liner (")	Liner (")	Soda Ash	0	pH		25. Wireline Logging	0.00	<b>3.50</b>	
Stroke	Stroke	Stroke	Stroke	EP Bit Lube	0	Daily Mud Cost	\$ -	26. Travel / Other	0.50	<b>13.50</b>	
<b>Personnel Onsite: 8</b>				Bentonite Pellets	0	Cum. Mud Cost	\$ 1,265	27. Standby N/C	10.50	<b>10.50</b>	
				Aus Trol	0	AFE Cost	\$ 1,000	<b>TOTALS</b>			<b>24.00</b>
				Gypset	0						

HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	OPERATIONS
31/07/2009	00:00	06:00	Wait on daylight
	06:00	16:30	Standby waiting for fishing tools - no charge
	16:30	18:30	Attempt to fish pipe with Bowen Spear unsuccessful, POOH
	18:30	19:00	Travel
	19:00	00:00	Wait on daylight



Day 8

## DAILY DRILLING REPORT

1 Aug 2009

Saturday

Itude 3



<b>TENURE:</b> Australia ATP 854P <b>RIG:</b> Lucas 180 <b>SPUD:</b> 08:00 hrs <b>RIG RELEASE:</b> hrs <b>OPs TO 06:00:</b> Waiting on daylight. <b>OPs AT 06:00:</b> Crews mobilising from motel to site. <b>PROJECTED Ops:</b> Run in hole with HQ pipe, condition hole, pull out of hole, wireline log, DST. <b>REMARKS:</b> Attempted to fish pipe using Bowen Spear successful. Night Shift technician demobilised to Brisbane with samples. <b>CONDUCTOR:</b> N/A <b>PRODUCTION CSG:</b>	<b>Location:</b> Surat Basin <b>24:00 DEPTH:</b> 292.73mGL <b>FORMATION:</b> Taroom CM 25-Jul-2009 <b>TD REACHED:</b> hrs <b>TD:</b>	<b>24 HR PROG:</b> 0m <b>PROPOSED TD:</b> 383mGL <b>SET AT:</b> 54.4mGL <b>BOP TEST:</b> 28-Jul-2009 <b>NEXT TEST DUE:</b> 18-Aug-2009 <b>DAILY COSTS:</b> <b>CUM COSTS:</b> <b>WEATHER AM:</b> Fine/Cold <b>PM:</b> Fine/Warm
<b>AFDs:</b> 8 <b>SAFETY:</b> No safety meeting - mobilising fishing tools		

BIT INFORMATION				BHA		MUD		OPERATIONS	HRS	CUM
WOB (klbs)	RPM	BIT NUMBER	Size (in)	TOOL	LENGTH	COMPANY	PROPERTIES			
			Make					1. Rig Up/ Down	0.00	1.00
			Type					2. Casing	0.00	1.00
			IADC Code					3. Cementing	0.00	0.75
			Serial Number					4. Circ. & Condition	0.00	3.50
			Nozzles					5. Coring	0.00	29.50
			Depth In (mGL)					6. Drillout Cement	0.00	0.50
			Depth Out (mGL)					7. Drilling	0.00	0.75
			Metres					8. Handle BHA	0.00	0.00
			Hours					9. SDFN/Wait on Ligh	11.50	89.50
			ROP (m/hr)					10. LOT/FIT	0.00	0.00
			Condition Out					11. Nipple up BOPs	0.00	1.75
								12. P&A	0.00	0.00
								13. Repairs	0.00	0.00
								14. Rig Service	0.00	0.50
								15. Safety/TBM	0.00	3.00
								16. Survey	0.00	0.00
								17. Test BOP / PT	0.00	0.25
								18. Tight Hole/Fishing	1.50	6.00
								19. Slip & Cut Line	0.00	0.00
								20. Wait on Cement	0.00	6.75
								21. Wash/Ream	0.00	0.00
								22. Well Control	0.00	0.00
								23. Well Test	0.00	3.50
								24. Trip	1.00	6.25
								25. Wireline Logging	0.00	3.50
								26. Travel / Other	2.50	16.00
								27. Standby N/C	7.50	18.00
								<b>TOTALS</b>	<b>24.00</b>	<b>192.00</b>

## HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
1/08/2009	00:00	06:00	Wait on daylight
	06:00	13:30	Standby on tools
	13:30	15:00	Attempt to fish pipe with Bowen Spear successful, Pull fish
	15:00	17:00	Standby on client
	17:00	17:15	Run in hole with HQ pipe, wiper trip
	17:15	18:00	Break up HQ pipe, run in hole
	18:00	18:30	Travel
	18:30	00:00	Wait on daylight

COMPANY MAN:

P. Boland

GEOLOGIST:

P. McGrath

RIG MANGER:

B. Turner







Day 12

## DAILY DRILLING REPORT

5 Aug 2009

Itude 3

Wednesday



<table border="1"> <tr> <td>Australia</td> <td>Location</td> <td>Surat Basin</td> </tr> <tr> <td>ATP 854P</td> <td>24:00 DEPTH:</td> <td>292.73mGL</td> </tr> <tr> <td>Lucas 180</td> <td>FORMATION:</td> <td>Taroom CM</td> </tr> <tr> <td>SPUD:</td> <td>08:00 hrs</td> <td>25-Jul-2009</td> <td>TD REACHED:</td> <td></td> <td>hrs</td> </tr> <tr> <td>RIG RELEASE:</td> <td></td> <td></td> <td>TD:</td> <td></td> <td></td> </tr> <tr> <td>OPs TO 06:00</td> <td colspan="5">Standby Without Crew</td> </tr> <tr> <td>OPs AT 06:00</td> <td colspan="5">Crews demobilised</td> </tr> <tr> <td>PROJECTED Ops</td> <td colspan="5">Make up NQ3 BHA</td> </tr> <tr> <td>REMARKS:</td> <td colspan="5">Crews mobilised from Brisbane</td> </tr> <tr> <td>CONDUCTOR:</td> <td>N/A</td> <td>SET AT:</td> <td></td> <td>SURF. CASING:</td> <td>4 1/2" 11.6lb/ft Ozcon R1 LP</td> <td>SET AT:</td> <td>54.4mGL</td> </tr> <tr> <td>PRODUCTION CSG:</td> <td></td> <td>SET AT:</td> <td></td> <td>BOP TEST:</td> <td>28-Jul-2009</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>NEXT TEST DUE:</td> <td>18-Aug-2009</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>DAILY COSTS:</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>CUM COSTS:</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>WEATHER AM:</td> <td>Fine/Cold</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>PM:</td> <td>Fine/Warm</td> <td></td> <td></td> </tr> </table>	Australia	Location	Surat Basin	ATP 854P	24:00 DEPTH:	292.73mGL	Lucas 180	FORMATION:	Taroom CM	SPUD:	08:00 hrs	25-Jul-2009	TD REACHED:		hrs	RIG RELEASE:			TD:			OPs TO 06:00	Standby Without Crew					OPs AT 06:00	Crews demobilised					PROJECTED Ops	Make up NQ3 BHA					REMARKS:	Crews mobilised from Brisbane					CONDUCTOR:	N/A	SET AT:		SURF. CASING:	4 1/2" 11.6lb/ft Ozcon R1 LP	SET AT:	54.4mGL	PRODUCTION CSG:		SET AT:		BOP TEST:	28-Jul-2009							NEXT TEST DUE:	18-Aug-2009							DAILY COSTS:								CUM COSTS:								WEATHER AM:	Fine/Cold							PM:	Fine/Warm			<b>24 HR PROG:</b> 0m <b>PROPOSED TD:</b> 383mGL <b>AFDs:</b> 12 <b>SAFETY:</b> No safety meeting
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BIT INFORMATION				BHA 2		MUD		OPERATIONS		HRS	CUM	
WOB (klbs)				TOOL	LENGTH	PROPERTIES						
RPM				Core barrel	7.20	Company		1. Rig Up/ Down	0.00	1.00		
<b>BIT NUMBER</b>						Surface Vol (bbl)		2. Casing	0.00	2.00		
Size (in)						Hole Vol (bbl)		3. Cementing	0.00	0.75		
Make						Time		4. Circ. & Condition	0.00	5.00		
Type						Depth (mGL)		5. Coring	0.00	29.50		
IADC Code						Temp (oC)		6. Drillout Cement	0.00	0.50		
Serial Number						Mud Type		7. Drilling	0.00	0.75		
Nozzles						Density (ppg)		8. Handle BHA	0.00	0.00		
Depth In (mGL)						Viscosity (sec)		9. SDFN/Wait on Ligh	12.00	135.50		
Depth Out (mGL)						pH		10. LOT/FIT	0.00	0.00		
Metres						Time		11. Nipple up BOPs	0.00	1.75		
Hours						Depth (mGL)		12. P&A	0.00	0.00		
ROP (m/hr)				<b>BHA Length:</b>	7.20	Temp (oC)		13. Repairs	0.00	0.00		
Condition Out				Drill pipe	287.38	Mud Type		14. Rig Service	0.00	0.50		
<b>FLOW DATA</b>						Density (ppg)		15. Safety/TBM	0.00	4.00		
Circ. Rate				Kelly Down	-1.85	Viscosity (sec)		16. Survey	0.00	0.00		
AV - DP (fpm)				String Weight (klbs)	0	pH		17. Test BOP / PT	0.00	0.25		
AV - DC (fpm)				<b>CHEMICAL USE</b>			Time	18. Tight Hole/Fishing	0.00	6.00		
SPP (psi)				<b>Product</b>	<b>Qty</b>	<b>Product</b>	<b>Qty</b>	19. Slip & Cut Line	0.00	0.00		
SCR (spm/psi)				Liquid Polymer	0	KCl	0	20. Wait on Cement	0.00	6.75		
<b>PUMP # 1</b>		<b>PUMP # 2</b>		Cement	0			21. Wash/Ream	0.00	0.00		
Type		Type		Bentonite (Gel)	0			22. Well Control	0.00	0.00		
Rate (spm)		Rate (spm)		Soda Ash	0			23. Well Test	0.00	3.50		
Liner (")		Liner (")		EP Bit Lube	0			24. Trip	0.00	8.25		
Stroke		Stroke		Bentonite Pellets	0			25. Wireline Logging	0.00	13.00		
<b>Personnel Onsite: 0</b>				Aus Trol	0			Daily Mud Cost	\$ -	26. Travel / Other	12.00	51.50
				Gypset	0			Cum. Mud Cost	\$ 1,265	27. Standby N/C	0.00	17.50
								AFE Cost	\$ 1,000	<b>TOTALS</b>	<b>24.00</b>	<b>288.00</b>

## HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
5/08/2009	00:00	06:00	Wait on daylight
	06:00	18:00	Standby without crew, remobilise back to Injune.
	18:00	00:00	Wait on daylight

COMPANY MAN:

GEOLOGIST:

RIG MANGER:



Day 14

# DAILY DRILLING REPORT

7 Aug 2009

Itude 3

Friday



Australia		<b>Location</b>	Surat Basin			
<b>TENURE:</b>	ATP 854P	<b>24:00 DEPTH:</b>	335.2mGL		<b>24 HR PROG:</b>	42.47m
<b>RIG:</b>	Lucas 180	<b>FORMATION:</b>	Taroom CM		<b>PROPOSED TD:</b>	383mGL
<b>SPUD:</b>	08:00 hrs	25-Jul-2009	<b>TD REACHED:</b>		hrs	
<b>RIG RELEASE:</b>			<b>TD:</b>		hrs	
<b>OPs TO 06:00</b>	Setup NQ3 string and BHA, seat HQ liner, core NQ3, circulate					
<b>OPs AT 06:00</b>	Crews mobilising from motel to site.					
<b>PROJECTED Ops</b>	Continue coring to TD					
<b>REMARKS:</b>	NQ string on hire rate, minimal polymer used to reduce rod rattle.					
<b>CONDUCTOR:</b>	N/A	<b>SET AT:</b>		<b>SURF. CASING:</b>	4 1/2" 11.6lb/ft Ozcon R1 LP	
<b>PRODUCTION CSG:</b>	HQ V-wall liner	<b>SET AT:</b>	292mGL	<b>BOP TEST:</b>	28-Jul-2009	
				<b>NEXT TEST DUE:</b>	18-Aug-2009	
<b>AFDs:</b>	14	<b>SAFETY:</b>	Discussed Permit to work system at toolbox meeting			
				<b>DAILY COSTS:</b>		
				<b>CUM COSTS:</b>		
				<b>WEATHER AM:</b>	Fine/Cold	
				<b>PM:</b>	Fine/Warm	

BIT INFORMATION				BHA 5		MUD		OPERATIONS		HRS	CUM
WOB (klbs)	RPM	TOOL	LENGTH	PROPERTIES							
		NQ Core Barrel	7.05	Company	AMC	1. Rig Up/ Down		0.00	1.00		
<b>BIT NUMBER</b>	3			Surface Vol (bbl)	407	2. Casing		0.75	2.75		
Size (in)	2.96			Hole Vol (bbl)	10.7	3. Cementing		0.00	0.75		
Make	BL			Time	14:00	4. Circ. & Condition		0.75	5.75		
Type	NQ3 7 Step			Depth (mGL)	311	5. Coring		5.75	35.25		
IADC Code	4101745			Temp (oC)		6. Drillout Cement		0.00	0.50		
Serial Number	1924-02			Mud Type	Water	7. Drilling		0.00	0.75		
Nozzles				Density (ppg)	8.5	8. Handle BHA		0.00	0.00		
Depth In (mGL)	292.73			Viscosity (sec)	34	9. SDFN/Wait on Ligh		13.00	163.00		
Depth Out (mGL)	In Hole			pH		10. LOT/FIT		0.00	0.00		
Metres	42.47					11. Nipple up BOPs		0.00	1.75		
Hours				Time		12. P&A		0.00	0.00		
ROP (m/hr)		<b>BHA Length:</b>	7.05	Depth (mGL)		13. Repairs		0.00	0.00		
Condition Out		Drill pipe	330.00	Temp (oC)		14. Rig Service		0.00	0.50		
<b>FLOW DATA</b>				Mud Type		15. Safety/TBM		0.00	4.00		
Circ. Rate		Kelly Down	-1.85	Density (ppg)		16. Survey		0.00	0.00		
AV - DP (fpm)		<b>24:00hr Depth (mGL)</b>	335.20	Viscosity (sec)		17. Test BOP / PT		0.00	0.25		
AV - DC (fpm)		String Weight (klbs)	0	pH		18. Tight Hole/Fishing		0.00	6.00		
SPP (psi)		<b>CHEMICAL USE</b>				Time		19. Slip & Cut Line		0.00	0.00
SCR (spm/psi)		<b>Product</b>	<b>Qty</b>	<b>Product</b>	<b>Qty</b>	Depth (mGL)		20. Wait on Cement		0.00	6.75
<b>PUMP # 1</b>		Liquid Polymer	1	KCl	0	Temp (oC)		21. Wash/Ream		0.00	0.00
<b>PUMP # 2</b>		Cement	0			Mud Type		22. Well Control		0.00	0.00
Type	Type	Bentonite (Gel)	0			Density (ppg)		23. Well Test		0.00	3.50
Rate (spm)	Rate (spm)	Soda Ash	0			Viscosity (sec)		24. Trip		1.50	9.75
Liner (")	Liner (")	EP Bit Lube	0			pH		25. Wireline Logging		0.00	13.00
Stroke	Stroke	Bentonite Pellets	0			Daily Mud Cost	\$ 300	26. Travel / Other		2.25	63.25
<b>Personnel Onsite: 6</b>		Aus Trol	0			Cum. Mud Cost	\$ 1,565	27. Standby N/C		0.00	17.50
		Gypset	0			AFE Cost	\$ 1,000	<b>TOTALS</b>		<b>24.00</b>	<b>336.00</b>

### HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	OPERATIONS
7/08/2009	00:00	07:00	Wait on daylight
	07:00	07:30	Travel
	07:30	08:45	Standby setup NQ3 string and BHA
	08:45	09:30	Seating HQ as liner
	09:30	11:00	Run in hole with NQ3 BHA
	11:00	11:15	Circulate
	11:15	17:00	Core NQ3 from 292.73 m to 335.20 m (42.47 m)
	17:00	17:30	Circulate
	17:30	18:00	Travel
	18:00	00:00	Wait on daylight

**Day 15**  
**8 Aug 2009**  
**Saturday**

**DAILY DRILLING REPORT**

**Itude 3**



Australia		<b>Location:</b> Surat Basin	
<b>TENURE:</b> ATP 854P	<b>24:00 DEPTH:</b> 383.2mGL	<b>24 HR PROG:</b> 48m	
<b>RIG:</b> Lucas 181	<b>FORMATION:</b> Taroom CM	<b>PROPOSED TD:</b> 383mGL	
<b>SPUD:</b> 08:00 hrs	25-Jul-2009	<b>TD REACHED:</b> 14:30 hrs	8-Aug-2009
<b>RIG RELEASE:</b> hrs		<b>TD:</b> 383.2mGL	
<b>OPs TO 06:00</b> Core NQ3 to TD, wait on loggers			
<b>OPs AT 06:00</b> Crews mobilising from motel to site.			
<b>PROJECTED Ops</b> Log NQ section, pull liner, wiper trip, log bridged HQ section			
<b>REMARKS:</b>			
<b>CONDUCTOR:</b> N/A	<b>SET AT:</b>	<b>SURF. CASING:</b> 4 1/2" 11.6lb/ft Ozcon R1 LP	<b>SET AT:</b> 54.4mGL
<b>PRODUCTION CSG:</b> HQ V-wall liner	<b>SET AT:</b> 292mGL	<b>BOP TEST:</b> 28-Jul-2009	
		<b>NEXT TEST DUE:</b> 18-Aug-2009	
<b>AFDs:</b> 15	<b>SAFETY:</b>	<b>DAILY COSTS:</b>	
		<b>CUM COSTS:</b>	
		<b>WEATHER AM:</b> Fine/Cold	
		<b>PM:</b> Fine/Warm	

BIT INFORMATION				BHA 5		MUD		OPERATIONS		HRS	CUM
WOB (klbs)	RPM	TOOL	LENGTH	PROPERTIES							
		NQ Core Barrel	7.05	Company	AMC	1. Rig Up/ Down	0.00	1.00			
<b>BIT NUMBER</b>	3			Surface Vol (bbl)	407	2. Casing	0.00	2.75			
Size (in)	2.96			Hole Vol (bbl)	12.0	3. Cementing	0.00	0.75			
Make	BL			Time	8:45	4. Circ. & Condition	0.50	6.25			
Type	NQ3 7 Step			Depth (mGL)	335	5. Coring	7.50	42.75			
IADC Code	4101745			Temp (oC)		6. Drillout Cement	0.00	0.50			
Serial Number	1924-02			Mud Type	Water	7. Drilling	0.00	0.75			
Nozzles				Density (ppg)	8.4	8. Handle BHA	0.00	0.00			
Depth In (mGL)	292.73			Viscosity (sec)	36	9. SDFN/Wait on Ligh	11.00	174.00			
Depth Out (mGL)	383.2			pH		10. LOT/FIT	0.00	0.00			
Metres	90.47			Time		11. Nipple up BOPs	0.00	1.75			
Hours				Depth (mGL)		12. P&A	0.00	0.00			
ROP (m/hr)		<b>BHA Length:</b>	7.05	Temp (oC)		13. Repairs	0.00	0.00			
Condition Out	Good	Drill pipe	378.00	Mud Type		14. Rig Service	0.00	0.50			
<b>FLOW DATA</b>				Kelly Down	-1.85	15. Safety/TBM	0.50	4.50			
Circ. Rate		<b>24:00hr Depth (mGL)</b>	383.20	Density (ppg)		16. Survey	0.00	0.00			
AV - DP (fpm)		String Weight (klbs)	0	Viscosity (sec)		17. Test BOP / PT	0.00	0.25			
AV - DC (fpm)		<b>CHEMICAL USE</b>		pH		18. Tight Hole/Fishing	0.00	6.00			
SPP (psi)		<b>Product</b>	<b>Qty</b>	<b>Product</b>	<b>Qty</b>	19. Slip & Cut Line	0.00	0.00			
SCR (spm/psi)		Liquid Polymer	0	KCl	0	20. Wait on Cement	0.00	6.75			
<b>PUMP # 1</b>		<b>PUMP # 2</b>		Cement	0	21. Wash/Ream	0.00	0.00			
Type	Type	Bentonite (Gel)	0	Soda Ash	0	22. Well Control	0.00	0.00			
Rate (spm)	Rate (spm)	EP Bit Lube	0	EP Bit Lube	0	23. Well Test	0.00	3.50			
Liner (")	Liner (")	Bentonite Pellets	0	Aus Trol	0	24. Trip	0.00	9.75			
Stroke	Stroke	Gypset	0	Gypset	0	25. Wireline Logging	3.50	16.50			
<b>Personnel Onsite: 6</b>				Daily Mud Cost	\$ -	26. Travel / Other	1.00	64.25			
				Cum. Mud Cost	\$ 1,565	27. Standby N/C	0.00	17.50			
				AFE Cost	\$ 1,000	<b>TOTALS</b>	<b>24.00</b>	<b>360.00</b>			

HOURLY OPERATIONS SUMMARY 00:00 TO 24:00			
DATE	FROM	TO	
8/08/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel
	06:30	07:00	Safety meeting - discussed hazard observations and reviewed liquipol and sodium chloride MSDS
	07:00	14:30	Core NQ3 from 335.20 m to 383.20 m (48.00 m)
	14:30	15:00	Circulate hole clean
	15:00	18:30	Standby on loggers
	18:30	19:00	Travel
	19:00	00:00	Wait on daylight



**Day 16**  
**9 Aug 2009**  
**Sunday**

# DAILY DRILLING REPORT

## Itude 3



<b>TENURE:</b> Australia		<b>Location:</b> Surat Basin		<b>24 HR PROG:</b> 0m	
ATP 854P		<b>24:00 DEPTH:</b> 383.2mGL		PROPOSED TD: 383mGL	
<b>RIG:</b> Lucas 180		<b>FORMATION:</b> Taroom CM		<b>PROPOSED TD:</b> 383mGL	
<b>SPUD:</b> 08:00 hrs		25-Jul-2009		<b>TD REACHED:</b> 14:30 hrs	
<b>RIG RELEASE:</b> _____ hrs		_____		<b>TD:</b> 383.2mGL	
<b>OPs TO 06:00</b> Log NQ section, pull liner, wiper trip, log bridged HQ section					
<b>OPs AT 06:00</b> Crews mobilising from motel to site.					
<b>PROJECTED Ops</b> clean out hole for logger, log HQ section, install cement plug					
<b>REMARKS:</b> _____					
<b>CONDUCTOR:</b> N/A		<b>SET AT:</b> _____		<b>SURF. CASING:</b> 5 1/2" 11.6lb/ft Ozcon R1 LP	
<b>PRODUCTION CSG:</b> HQ V-wall liner		<b>SET AT:</b> 293mGL		<b>BOP TEST:</b> 29-Jul-2009	
				<b>NEXT TEST DUE:</b> 19-Aug-2009	
<b>AFDs:</b> 16		<b>SAFETY:</b> Discussed fatigue management at toolbox meeting		<b>DAILY COSTS:</b> _____	
				<b>CUM COSTS:</b> _____	
				<b>WEATHER AM:</b> Fine/Cold	
				<b>PM:</b> Fine/Warm	

BIT INFORMATION				BHA 5		MUD		OPERATIONS		HRS	CUM
WOB (klbs)	RPM	TOOL	LENGTH	PROPERTIES							
		NQ Core Barrel	7.05	Company	AMC	1. Rig Up/ Down		0.00	1.00		
				Surface Vol (bbl)	407	2. Casing		0.00	2.75		
<b>BIT NUMBER</b>				Hole Vol (bbl)	12.0	3. Cementing		0.00	0.75		
Size (in)				Time	7:00	4. Circ. & Condition		1.25	7.50		
Make				Depth (mGL)	335	5. Coring		0.00	42.75		
Type				Temp (oC)		6. Drillout Cement		0.00	0.50		
IADC Code				Mud Type	Water	7. Drilling		0.00	0.75		
Serial Number				Density (ppg)	8.4	8. Handle BHA		0.00	0.00		
Nozzles				Viscosity (sec)	36	9. SDFN/Wait on Ligh		12.00	186.00		
Depth In (mGL)				pH		10. LOT/FIT		0.00	0.00		
Depth Out (mGL)				Time		11. Nipple up BOPs		0.00	1.75		
Metres				Depth (mGL)		12. P&A		0.00	0.00		
Hours				Temp (oC)		13. Repairs		0.00	0.00		
ROP (m/hr)		<b>BHA Length:</b>	7.05	Mud Type		14. Rig Service		0.00	0.50		
Condition Out		Drill pipe	378.00	Density (ppg)		15. Safety/TBM		0.00	4.50		
<b>FLOW DATA</b>				Viscosity (sec)		16. Survey		0.00	0.00		
Circ. Rate		Kelly Down	-1.85	pH		17. Test BOP / PT		0.00	0.25		
AV - DP (fpm)		String Weight (klbs)	0	Time		18. Tight Hole/Fishing		0.00	6.00		
AV - DC (fpm)		<b>CHEMICAL USE</b>		Depth (mGL)		19. Slip & Cut Line		0.00	0.00		
SPP (psi)		<b>Product</b>	<b>Qty</b>	Temp (oC)		20. Wait on Cement		0.00	6.75		
SCR (spm/psi)		Liquid Polymer	0	Mud Type		21. Wash/Ream		0.00	0.00		
<b>PUMP # 1</b>		<b>PUMP # 2</b>		Density (ppg)		22. Well Control		0.00	0.00		
Type	Type	Cement	0	Viscosity (sec)		23. Well Test		0.00	3.50		
Rate (spm)	Rate (spm)	Bentonite (Gel)	0	pH		24. Trip		3.50	13.25		
Liner (")	Liner (")	Soda Ash	0	Daily Mud Cost	\$ -	25. Wireline Logging		6.25	22.75		
Stroke	Stroke	EP Bit Lube	0	Cum. Mud Cost	\$ 1,565	26. Travel / Other		1.00	65.25		
		Bentonite Pellets	0	AFE Cost	\$ 1,000	27. Standby N/C		0.00	17.50		
<b>Personnel Onsite: 5</b>		Aus Trol	0	<b>TOTALS</b>				<b>24.00</b>	<b>384.00</b>		
		Gypset	0								

### HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
9/08/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel
	06:30	07:00	Circulate hole clean for loggers
	07:00	08:00	POOH NQ3
	08:00	12:00	Logging
	12:00	13:30	POOH HQ
	13:30	15:00	Standby for logger to attempt to get to the bottom, blocked at 225 m
	15:00	15:30	RIH to clean out hole
	15:30	16:15	Circulate hole clean for loggers
	16:15	16:45	POOH for loggers
	16:45	17:30	Standby for logger to attempt to get to the bottom, blocked at 289 m
	17:30	18:00	Travel
	18:00	00:00	Wait on daylight

Day 17

## DAILY DRILLING REPORT

10 Aug 2009

Itude 3

Monday



<b>TENURE:</b> Australia ATP 854P	<b>Location:</b> Surat Basin 24:00 DEPTH: 383.2mGL	<b>24 HR PROG:</b> 0m
<b>RIG:</b> Lucas 180	<b>FORMATION:</b> Hutton Sandstone	<b>PROPOSED TD:</b> 383mGL
<b>SPUD:</b> 08:00 hrs 25-Jul-2009	<b>TD REACHED:</b> 14:30 hrs	8-Aug-2009
<b>RIG RELEASE:</b> _____ hrs	<b>TD:</b> 383.2mGL	
<b>OPs TO 06:00</b> Circulate hole clean, attempt to log but blocked, wiper trip, log bridged HQ section		
<b>OPs AT 06:00</b> Crews mobilising from motel to site.		
<b>PROJECTED Ops</b> clean out hole for logger, log HQ section, install cement plug		
<b>REMARKS:</b> NQ Drill String hire from Dominion		
<b>CONDUCTOR:</b> N/A	<b>SET AT:</b> _____	<b>SURF. CASING:</b> 5 1/2" 11.6lb/ft Ozcon R1 LP
<b>PRODUCTION CSG:</b> HQ V-wall liner	<b>SET AT:</b> 293mGL	<b>BOP TEST:</b> 29-Jul-2009
	<b>NEXT TEST DUE:</b> 19-Aug-2009	<b>SET AT:</b> 55.4mGL
<b>AFDs:</b> 16	<b>SAFETY:</b> Geologists reviewed safe transportation of hazardous materials.	<b>DAILY COSTS:</b> _____ <b>CUM COSTS:</b> _____ <b>WEATHER AM:</b> Fine/Cold <b>PM:</b> Fine/Warm

BIT INFORMATION				BHA 5		MUD		OPERATIONS		HRS	CUM
WOB (klbs)	RPM	TOOL	LENGTH	PROPERTIES							
		NQ Core Barrel	7.05	Company	AMC			1. Rig Up/ Down	0.00	1.00	
				Surface Vol (bbl)	407			2. Casing	0.00	2.75	
				Hole Vol (bbl)	12.0			3. Cementing	0.00	0.75	
				Time	7:00			4. Circ. & Condition	2.75	10.25	
				Depth (mGL)	335			5. Coring	0.00	42.75	
				Temp (oC)				6. Drillout Cement	0.00	0.50	
				Mud Type				7. Drilling	0.00	0.75	
				Density (ppg)				8. Handle BHA	0.00	0.00	
				Viscosity (sec)				9. SDFN/Wait on Ligh	10.50	196.50	
				pH				10. LOT/FIT	0.00	0.00	
				Time				11. Nipple up BOPs	0.00	1.75	
				Depth (mGL)				12. P&A	0.00	0.00	
				Temp (oC)				13. Repairs	0.00	0.00	
				Mud Type				14. Rig Service	0.00	0.50	
				Density (ppg)				15. Safety/TBM	0.00	4.50	
				Viscosity (sec)				16. Survey	0.00	0.00	
				pH				17. Test BOP / PT	0.00	0.25	
				Time				18. Tight Hole/Fishing	0.00	6.00	
				Depth (mGL)				19. Slip & Cut Line	0.00	0.00	
				Temp (oC)				20. Wait on Cement	0.00	6.75	
				Mud Type				21. Wash/Ream	0.00	0.00	
				Density (ppg)				22. Well Control	0.00	0.00	
				Viscosity (sec)				23. Well Test	0.00	3.50	
				pH				24. Trip	4.25	17.50	
				Daily Mud Cost	\$ -			25. Wireline Logging	5.50	28.25	
				Cum. Mud Cost	\$ 1,565			26. Travel / Other	1.00	66.25	
				AFE Cost	\$ 1,000			27. Standby N/C	0.00	17.50	
								<b>TOTALS</b>	<b>24.00</b>	<b>408.00</b>	

## HOURLY OPERATIONS SUMMARY 00:00 TO 24:00

DATE	FROM	TO	
10/08/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel
	06:30	07:45	RIH to clean out hole
	07:45	08:45	Circulate hole clean
	08:45	09:30	POOH
	09:30	11:00	Standby for Logging
	11:00	11:30	RIH to clean out hole
	11:30	12:45	Circulate hole clean
	12:45	13:30	POOH
	13:30	15:00	Standby for Logging
	15:00	16:00	RIH with HQ Rod String down to 292 m
	16:00	16:30	Circulate hole clean (then pull back 10 m to log the desired open hole section)
	16:30	19:00	Standby for Logging
	19:00	19:30	Travel
	19:30	00:00	Wait on daylight

COMPANY MAN:

GEOLOGIST:

T.O'Malley

RIG MANGER:

B. Turner

Day 18

DAILY DRILLING REPORT

11 Aug 2009

Itude 3

Tuesday



TENURE:	Australia	Location:	Surat Basin	24 HR PROG:	0m
RIG:	ATP 854P	24:00 DEPTH:	383.2mGL	PROPOSED TD:	383mGL
SPUD:	Lucas 180	FORMATION:	Hutton Sst.		
RIG RELEASE:	08:00 hrs	25-Jul-2009	TD REACHED:	14:30 hrs	8-Aug-2009
OPs TO 06:00	Wait on daylight				
OPs AT 06:00	Mobilising to well site.				
PROJECTED Ops	Continue washdown of rig.				
REMARKS:					
CONDUCTOR:	N/A	SET AT:		SURF. CASING:	4 1/2" 11.6lb/ft Ozcon R1 LP
PRODUCTION CSG:	N/A	SET AT:			
				BOP TEST:	-
				NEXT TEST DUE:	-
AFDs:	18	SAFETY:			
			DAILY COSTS:	\$18,817	
			CUM COSTS:	\$369,735	
			WEATHER AM:	Fine/Cold	
			PM:	Fine/Warm	

BIT INFORMATION			BHA		MUD		OPERATIONS	HRS	CUM
WOB (klbs)			TOOL	LENGTH	PROPERTIES				
RPM					Company	AMC	1. Rig Up/ Down	10.00	11.00
BIT NUMBER					Surface Vol (bbl)	407	2. Casing	0.00	2.75
Size (in)					Hole Vol (bbl)	12.0	3. Cementing	0.00	0.75
Make					Time		4. Circ. & Condition	0.00	10.25
Type					Depth (mGL)		5. Coring	0.00	42.75
IADC Code					Temp (oC)		6. Drillout Cement	0.00	0.50
Serial Number					Mud Type		7. Drilling	0.00	0.75
Nozzles					Density (ppg)		8. Handle BHA	0.00	0.00
Depth In (mGL)					Viscosity (sec)		9. SDFN/Wait on Ligh	6.00	202.50
Depth Out (mGL)					pH		10. LOT/FIT	0.00	0.00
Metres					Time		11. Nipple up BOPs	0.50	2.25
Hours					Depth (mGL)		12. P&A	0.00	0.00
ROP (m/hr)			BHA Length:	0.00	Temp (oC)		13. Repairs	0.00	0.00
Condition Out			Drill pipe	0.00	Mud Type		14. Rig Service	0.00	0.50
			Kelly Down	0.00	Density (ppg)		15. Safety/TBM	0.50	5.00
					Viscosity (sec)		16. Survey	0.00	0.00
					pH		17. Test BOP / PT	0.00	0.25
					Time		18. Tight Hole/Fishing	0.00	6.00
					Depth (mGL)		19. Slip & Cut Line	0.00	0.00
					Temp (oC)		20. Wait on Cement	0.00	6.75
					Mud Type		21. Wash/Ream	0.00	0.00
					Density (ppg)		22. Well Control	0.00	0.00
					Viscosity (sec)		23. Well Test	0.00	3.50
					pH		24. Trip	2.00	19.50
					Daily Mud Cost	\$ -	25. Wireline Logging	0.00	28.25
					Cum. Mud Cost	\$ 1,565	26. Travel / Other	1.00	67.25
					AFE Cost	\$ 1,000	27. Standby N/C	0.00	17.50
							<b>TOTALS</b>	<b>20.00</b>	<b>428.00</b>

HOURLY OPERATIONS SUMMARY 00:00 TO 24:00			
DATE	FROM	TO	
11/08/2009	00:00	06:00	Wait on daylight
	06:00	06:30	Travel to site.
	06:30	07:00	Hold TBM and discuss operations for the day.
	07:00	09:00	Circulate well with HQ string, then POOH string laying out sideways.
	09:00	09:30	Observe well - static. Remove BOP and install suspension cap. Secure well.
	09:30	19:30	Commence rig down of equipment, clear up of site and moving of rig equipment to Injune for washdown. Demob. Geos.
	19:30	20:00	Crew travel to Injune. Rig released.