


IMPERIAL OIL & GAS

Level 7, 151 Macquary St
Sydney NSW 2000, Australia

DAILY DRILLING REPORT

Satphone Drillstralis: 0147 141 886
Satphone IOG: 0420 369 871
Geo: 040 6693 779


WELL	BCF SC 02		Permit	EP184	
Report number	1		Rig	Hydco1200G	
Report for	27/07/2014		Spud Date	27/07/2014	
Date report submitted	28/07/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	0		GL - Elevation	25 m	
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	1.5		Size [inch]	8 PVC	
Starting depth (6 am) [m]	0				
Finishing depth (6 pm) [m]	53.8				
Days progress [m]	53.8				
Summary of operations carried out	Mobilisation to site, drill top hole to 53.8 m and run 4-1/2" HWT casing.				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	0	Prestart meeting	
	6:10	1:20	0	Wait on transport to site	
	7:30	3:00	0	Rig move to site	
	10:30	0:30	0	Set up rig	
	11:00	5:00	53.8	Drill to 53.8m	
	16:00	0:30	53.8	POOH	
	16:30	1:00	53.8	Trip in HWT, ream from 12m	
17:30	0:30	53.8	Travel to camp		
Summary of the Next 24hrs	Core to TD. Log well and cement to surface.				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered Siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit.	0	45	N/A	N/A	Nagi Formation?
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi Formation?
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	16,700.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,700.00			
Cumulated	\$	33,400.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS		3
27/07/2014	Roper Bar	16	Logger - ACS		1
			Geologist		1
			Cultural monitor		3

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Satphone Drillstralis: 0147 141 886
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Geo: 040 6693 779

WELL	BCF SC 02		Permit	EP184	
Report number	2		Rig	Hydco1200G	
Report for	28/07/2014		Spud Date	27/07/2014	
Date report submitted	29/07/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	1		GL - Elevation	25 m	
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	53.8		Size [inch]	4-1/2 HWT	
Starting depth (6 am) [m]	53.8				
Finishing depth (6 pm) [m]	65.46				
Days progress [m]	11.66				
Summary of operations carried out	HQ core from 53.8m to 65.46				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	53.8	Prestart meeting	
	6:10	1:50	53.8	Travel too site	
	8:00	1:00	53.8	Switch to diamond	
	9:00	8:00	65.46	HQ core to 65.46m	
	17:00	0:30	65.46	Trip out HQ	
	17:30	0:30	65.46	Travel back to camp	
Summary of the Next 24hrs	Very broken formation. Redrill surface hole and reset casing to core depth of 65.46m at drillers cost. Core recovery less than 40% of interval cored.				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	Nagi Formation?
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	33,400.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,500.00			
Cumulated	\$	53,900.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	3	
28/07/2014	Roper Bar	16	Logger - ACS	1	
			Geologist	1	
			Cultural monitor	2	

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WELL	BCF SC 02		Permit	EP184	
Report number	3		Rig	Hydco1200G	
Report for	29/07/2014		Spud Date	27/07/2014	
Date report submitted	30/07/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	2		GL - Elevation	25 m	
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	53.8	Size [inch]	4-1/2 HWT		
Starting depth (6 am) [m]	53.8				
Finishing depth (6 pm) [m]	65.46				
Days progress [m]	11.66				
Summary of operations carried out	POOH, POOH HWT casing, change over to hamer, ream out hole to 15m, reset PVC conductor. Day at drillers cost.				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	53.8	Prestart meeting	
	6:10	1:20	53.8	Travel to site	
	7:30	3:00	53.8	Switch to diamond	
	10:30	0:30	65.46	HQ core to 65.46m	
	11:00	6:30	65.46	Trip out HQ	
	17:30	0:30	65.46	Travel back to camp	
Summary of the Next 24hrs	Hammer to 65.46m, approx and reset HWT casing, restart coring.				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	Nagi Formation?
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	75,400.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,700.00	29/07/2014	65.46	
Cumulated	\$	92,100.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	3	
29/07/2014	Roper Bar	16	Logger - ACS	1	
			Geologist	1	
			Cultural monitor	2	

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WELL	BCF SC 02	Permit	EP184
Report number	4	Rig	Hydco1200G
Report for	30/07/2014	Spud Date	27/07/2014
Date report submitted	31/07/2014	Prognosed TD	100 m ± 20
Weather	sunny	RT - GL	0.88 m
Days from Spud	3	GL - Elevation	25 m



HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	53.80	Size [inch]	4-1/2 HWT
Starting depth (6 am) [m]	65.46		
Finishing depth (6 pm) [m]	102.00		
Days progress [m]	36.54		

Summary of operations carried out	Drill to 102m, POOH
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	65.46	Prestart meeting.
	6:10	1:20	65.46	Travel to site. Waiting for fog to lift.
	7:30	4:30	65.46	Ream to 65m
	12:00	5:00	65.46	HQ core to 65.46m
	17:00	0:30	102.00	Drill to 102m. POOH
	17:30	0:30	102.00	Return to camp

Summary of the Next 24hrs	Wiper trip, wireline logging, cement hole
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Formation Description


Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit.	0	45	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	St Vidgeon Formation
Sandstone with minor interbedded shales, quartzose in part with minor tuff bands and sandy at base of unit.	65.46	102	N/A	N/A	?

Estimated daily and cumulative well costs

Yesterday	\$	92,000.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,200.00			
Cumulated	\$	112,200.00			

Pre-job safety meeting record

Date	Place	# of ppl	Personell on drillsite	
30/07/2014	Roper Bar	15	Drill crew - DRILLSTRALIS	3
			Logger - ACS	1
			Geologist	1
			Cultural monitor	2

IMPERIAL OIL & GAS			DAILY DRILLING REPORT		
Level 7, 151 Macquary St Sydney NSW 2000, Australia			Satphone Drillstralis: 0147 141 886 Satphone IOG: 0420 369 871 Geo: 040 6693 779		
WELL	BCF SC 02		Permit	EP184	
Report number	5		Rig	Hydco1200G	
Report for	31/07/2014		Spud Date	27/07/2014	
Date report submitted	1/08/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	5		GL - Elevation	29 m	
HSE	No Incidents .				
Drilling					
Last casing set @ [m]	50.67	Size [inch]	4-1/2 HWT		
Starting depth (6 am) [m]	102				
Finishing depth (6 pm) [m]	102				
Days progress [m]	0 m				
Summary of operations carried out	flush hole, wiper trip, set up for wireline logging, geophysically log hole				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00				
	6:10	0:10	102	Prestart meeting	
	7:00	0:50	102	travel to site	
	9:30	2:30	102	wiper run 6 1/4"	
	10:00	0:30	102	logging dummy to 21.5m; hole blocked - rig on standby	
	11:00	1:00	102	change over rod trailer to truck - break down drillers cost	
	13:30	2:30	102	RIH wiper trip to clear blockage	
	14:00	0:30	102	RIH with HQ pipe to TD	
	15:00	1:00	102	run in hole & flush & trip out	
	16:30	1:30	102	wireline log through pipe	
	17:00	0:30	102	trip out	
17:30	0:30	102	travel to camp		
Summary of the Next 24hrs	PnA hole & set marker post				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit	0	45	N/A	N/A	Nagi
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss	53.8	65.46	N/A	N/A	St Vidgeon
sandstone with minor interbanded shales, quartzose in part with minor tuff bands and sandy at base of unit	65.46	102	N/A	N/A	?
Yesterday	\$	94,600.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,200.00	30/07/2014	102.00	
Cumulated	\$	114,800.00			
Date	Place	# of ppl	Drill crew - DRILLSTRALIS		3
31/07/2014	Roper Bar	15	Logger - ACS		1
			Geologist		1
			Cultural monitor		2

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WELL	BCF SC 02		Permit	EP184	
Report number	6		Rig	Hydco1200G	
Report for	1/08/2014		Spud Date	27/07/2014	
Date report submitted	2/08/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	5		GL - Elevation	25 m	
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	53.80	Size [inch]	4-1/2 HWT		
Starting depth (6 am) [m]	102				
Finishing depth (6 pm) [m]	102				
Days progress [m]	0				
Summary of operations carried out	Clean up site, cement to surface, move rig off site.				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	65.46	Prestart meeting.	
	6:10	0:50	65.46	Travel to site.	
	7:00	1:00	65.46	Tidy up site.	
	8:00	6:00	65.46	Cement to surface	
	14:00	2:00	102.00	Move rig to Tomato Island	
16:00	0:30	102.00	Return to camp		
Summary of the Next 24hrs	Install signage, take pictures, start rehab				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit.	0	45	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	St Vidgeon Formation
Sandstone with minor interbedded shales, quartzose in part with minor tuff bands and sandy at base of unit.	65.46	102	N/A	N/A	?
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	114,800.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,600.00			
Cumulated	\$	131,400.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS		3
1/08/2014	Roper Bar	14	Logger - ACS		0
			Geologist		0
			Cultural monitor		2

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WELL	BCF SC 02	Permit	EP184
Report number	7	Rig	Hydco1200G
Report for	2/08/2014	Spud Date	27/07/2014
Date report submitted	3/08/2014	Prognosed TD	100 m ± 20
Weather	sunny	RT - GL	0.88 m
Days from Spud	6	GL - Elevation	25 m



HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	53.80	Size [inch]	4-1/2 HWT
Starting depth (6 am) [m]	102.6		
Finishing depth (6 pm) [m]	103		
Days progress [m]	0		

Summary of operations carried out	Install signage, take pictures, start rehabbing the drillpad.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:00	102.6	Install signage, take pictures, start rehab

Summary of the Next 24hrs	Rehab access track.
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Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit.	0	45	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	St Vidgeon Formation
Sandstone with minor interbanded shales, quartzose in part with minor tuff bands and sandy at base of unit.	65.46	102	N/A	N/A	?

Estimated daily and cumulative well costs		Surveys		
Yesterday	\$ 131,400.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$ 10,000.00			
Cumulated	\$ 141,400.00			


Pre-job safety meeting record			Personell on drillsite	
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	0
2/08/2014	Roper Bar	14	Logger - ACS	0
			Geologist	0
			Cultural monitor	2

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WELL	BCF SC 02		Permit	EP184	
Report number	8		Rig	Hydco1200G	
Report for	3/08/2014		Spud Date	27/07/2014	
Date report submitted	4/08/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	7		GL - Elevation	25 m	
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	53.80	Size [inch]	4-1/2 HWT		
Starting depth (6 am) [m]	102.6				
Finishing depth (6 pm) [m]	102.6				
Days progress [m]	0				
Summary of operations carried out	Wait for pictures of signage to be send				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	12	102.6	Wait for pictures of signage to be send	
Summary of the Next 24hrs	Nill				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit.	0	45	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	St Vidgeon Formation
Sandstone with minor interbanded shales, quartzose in part with minor tuff bands and sandy at base of unit.	65.46	102	N/A	N/A	?
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	131,400.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	10,000.00			
Cumulated	\$	141,400.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	0	
3/08/2014	Roper Bar	13	Logger - ACS	0	
			Geologist	0	
			Cultural monitor	0	

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WELL	BCF SC 02		Permit	EP184	
Report number	9		Rig	Hydco1200G	
Report for	4/08/2014		Spud Date	27/07/2014	
Date report submitted	5/08/2014		Prognosed TD	100 m ± 20	
Weather	sunny		RT - GL	0.88 m	
Days from Spud	8		GL - Elevation	25 m	
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	53.80	Size [inch]	4-1/2 HWT		
Starting depth (6 am) [m]	102.6				
Finishing depth (6 pm) [m]	102.6				
Days progress [m]	0				
Summary of operations carried out	Wait for pictures of signage to be send				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	12	102.6	Wait for pictures of signage to be send	
Summary of the Next 24hrs	Nill				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to yellow highly weathered siltstone with interbedded shales and abundant chert, quartz and ironstaining to top of unit with minor tuff bands to bottom of unit.	0	45	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered shales with minor siltstone and mudstone sections.	45	53.8	N/A	N/A	Nagi Formation
Red to cream coloured banded highly weathered sandstone with shale sections with banded iron staining. High core loss.	53.8	65.46	N/A	N/A	St Vidgeon Formation
Sandstone with minor interbanded shales, quartzose in part with minor tuff bands and sandy at base of unit.	65.46	102	N/A	N/A	?
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	131,400.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	10,000.00			
Cumulated	\$	141,400.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	0	
4/08/2014	Roper Bar	13	Logger - ACS	0	
			Geologist	0	
			Cultural monitor	0	