

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 05	Permit	EP184		
Report number	1	Rig	Hydco1200G		
Report for	12/07/2014	Spud Date	12/07/2014		
Date report submitted	13/07/2014	Prognosed TD	100 m ± 20		
Weather	sunny	RT - GL	0.7 m		
Days from Spud	0	GL - Elevation	50 m		
HSE		No Incidents, Accidents or Spills.			
Drilling					
Last casing set @ [m]	N/A	Size [inch]	N/A		
Starting depth (6 am) [m]	0				
Finishing depth (6 pm) [m]	6				
Days progress [m]	6				
Summary of operations carried out	Mobilisation, Rig up, drill surface				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	0	Prestart Meeting	
	6:10	2:50	0	Prepare gear & fuel up	
	9:00	5:30	0	Mobilisation to site	
	14:30	1:00	0	Set up rig	
	15:30	0:30	0	Sort subs	
	16:00	0:30	6	Drill 6-1/4" to 6 m; set PVC conductor at 1m	
	16:30	1:15	6	Modify gear to suit 200 mm PVC	
17:45		6	Travel back to camp		
Summary of the Next 24hrs	Drill and finish top hole section, start coring.				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Dull red to red highly weathered Iron Stone	0	3.5	N/A	N/A	
Dark brown to light pink Siltstone	3.5	6	N/A	N/A	
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	-	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,700.00			
Cumulated	\$	16,700.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	3	
12/07/2014	Roper Bar	11	Logger - ACS	1	
			Geologist	2	
			Cultural monitor	2	



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Satphone Drillstralis: 0147 141 886

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WELL	BCF SC 05	Permit	EP184	
Report number	2	Rig	Hydco1200G	
Report for	13/07/2014	Spud Date	12/07/2014	
Date report submitted	14/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	0.7 m	
Days from Spud	1	GL - Elevation	50 m	

HSE	Exhaust leak onto electrical harness causing insolation to melt.
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Drilling

Last casing set @ [m]	1	Size	200 mm
Starting depth (6 am) [m]	6		
Finishing depth (6 pm) [m]	50.8		
Days progress [m]	44.8		

Summary of operations carried out
Drill 5-3/4" hole section to 50.8m. Run 4-1/2" HWT casing

Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	6	Prestart Meeting
	6:10	2:20	6	Wait on TO to get to site
	8:30	3:30	42	Drill 5-3/4" to 42 m
	12:00	2:00	42	Breakdown with compressor
	14:00	1:30	50.8	Drill 5-3/4" to 50.8m
	15:30	1:00	50.8	Sort gear for pullout
	16:30	0:30	50.8	Trip out of hole
	17:00	1:00	50.8	Run in 4-1/2" HWT casing

Summary of the Next 24hrs
Start HQ coring.

Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Mix of Dolomite, Conglomerate	0	39	N/A	N/A	Nagi ?
40-60% shale dark grey, silty, with conglomerated, quartz, highly weathered	39	50.8	N/A	N/A	Transition zone Nagi - St Vidgeon?

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

Date	Place	# of ppl	Personell on drillsite	
13/07/2014	Roper Bar	12	Drill crew - DRILLSTRALIS	3
			Logger - ACS	1
			Geologist	2
			Cultural monitor	2


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WELL	BCF SC 05	Permit	EP184		
Report number	3	Rig	Hydco1200G		
Report for	14/07/2014	Spud Date	12/07/2014		
Date report submitted	15/07/2014	Prognosed TD	100 m ± 20		
Weather	sunny	RT - GL	0.7 m		
Days from Spud	2	GL - Elevation	50 m		
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	51.2	Size	4-1/2"		
Starting depth (6 am) [m]	51.2				
Finishing depth (6 pm) [m]	58.34				
Days progress [m]	7.14				
Summary of operations carried out	Start HQ coring section.				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	51.2	Prestart meeting	
	6:10	1:50	51.2	Wait on TO and transport	
	8:00	1:30	51.2	Change over to diamond set up gear	
	9:30	0:30	51.2	Run in HQ barrel running UMX7	
	10:00	1:30	51.2	Flush hole clean, big cavin	
	11:30	1:00	51.5	Drill 0.3m went to pull wire stuck	
	12:30	0:30	51.5	Repairs to Wireline	
	13:00	0:00	58.34	Drill HQ core to 58.34	
Summary of the Next 24hrs	Continue coring HQ section				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Gray to light grey Shale with minor carbonate bands, laminated with iron staining, abundant joints at 0° and 90° fractures	51.2	58.38	N/A	N/A	Saint Vidgeon Fm
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	
14/07/2014	Roper Bar	12	Logger - ACS	1	
			Geologist	2	
			Cultural monitor	2	

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WELL	BCF SC 05	Permit	EP184	
Report number	4	Rig	Hydco1200G	
Report for	15/07/2014	Spud Date	12/07/2014	
Date report submitted	16/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	0.7 m	
Days from Spud	3	GL - Elevation	50 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	51.2	Size	4-1/2"
Starting depth (6 am) [m]	58.38		
Finishing depth (6 pm) [m]	92.25		
Days progress [m]	33.87		

Summary of operations carried out	HQ core 33.87 m.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	51.2	Prestart meeting
	6:10	1:50	51.2	Wait on TO and transport
	8:00	10	92.25	Core to 92.25m

Summary of the Next 24hrs	Continue coring HQ to TD
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Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Gray to light grey Shale with minor carbonate bands, laminated with iron staining, abundant joints at 0° and 90° fractures	58.38	92.25	N/A	N/A	Saint Vidgeon Fm

Estimated daily and cumulative well costs

			Surveys		
Yesterday	\$	53,900.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,500.00			
Cumulated	\$	74,400.00			

Pre-job safety meeting record

Date	Place	# of ppl	Personell on drillsite		
15/07/2014	Roper Bar	11	Drill crew - DRILLSTRALIS	2	
			Logger - ACS	1	
			Geologist	1	
			Cultural monitor	3	

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WELL	BCF SC 05	Permit	EP184	
Report number	5	Rig	Hydco1200G	
Report for	16/07/2014	Spud Date	12/07/2014	
Date report submitted	17/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	0.7 m	
Days from Spud	4	GL - Elevation	50 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	51.2	Size	4-1/2"
Starting depth (6 am) [m]	92.25		
Finishing depth (6 pm) [m]	119.97		
Days progress [m]	27.72		

Summary of operations carried out	HQ core 27.72 m to TD.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	92.25	Prestart meeting
	6:10	1:50	92.25	Wait on TO and transport
	8:00	9:00	119.97	Core to TD at 119.97m
	17:00	1:00	119.97	Flush hole clean for logging, logging induction

Summary of the Next 24hrs	Log well, cement hole
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Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Gray to light grey Shale with minor carbonate bands, laminated with iron staining, abundant joints at 0° and minor 90° fractures	92.25	119.97	N/A	N/A	Saint Vidgeon Fm

Estimated daily and cumulative well costs

			Surveys		
Yesterday	\$	74,400.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,500.00			
Cumulated	\$	94,900.00			

Pre-job safety meeting record

Date	Place	# of ppl	Personell on drillsite	
16/07/2014	Roper Bar	11	Drill crew - DRILLSTRALIS	3
			Logger - ACS	1
			Geologist	1
			Cultural monitor	2

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WELL	BCF SC 05	Permit	EP184	
Report number	6	Rig	Hydco1200G	
Report for	17/07/2014	Spud Date	12/07/2014	
Date report submitted	18/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	0.7 m	
Days from Spud	5	GL - Elevation	50 m	

HSE	No Incidents, Accidents or Spills.
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Drilling	
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Last casing set @ [m]	51.2	Size	4-1/2"
Starting depth (6 am) [m]	119.97		
Finishing depth (6 pm) [m]	119.97		
Days progress [m]	0		

Summary of operations carried out	Log well, cement hole to 42m
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	119.97	Prestart meeting
	6:10	1:40	119.97	Wait on TO's and transport
	7:50	0:40	119.97	Flush and trip out of hole
	8:30	4:45	119.97	Start logging, dummy run, Dev Gamma FTC, Res IP and FWS
	13:15	2:00	119.97	Winch failure, lost time
	15:15	0:25	119.97	Continue logging, Density
	15:40	0:30	119.97	Trip in HQ
	16:10	0:30	119.97	Mix cement and displace to 42m
	16:40	0:30	119.97	Trip out HQ
17:10	0:50	119.97	Free and pull HWT casing	

Summary of the Next 24hrs	Cement to surface, set up signage on site, move to BCF SC 04
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Formation Description					
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Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name

Estimated daily and cumulative well costs			Surveys		
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Yesterday	\$	94,900.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,700.00	17/07/2014	TD	1.50
Cumulated	\$	111,600.00			

Pre-job safety meeting record			Personell on drillsite	
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Date	Place	# of ppl	Drill crew - DRILLSTRALIS	
17/07/2014	Roper Bar	9	Logger - ACS	1
			Geologist	1
			Cultural monitor	2

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WELL	BCF SC 05	Permit	EP184	
Report number	7	Rig	Hydco1200G	
Report for	18/07/2014	Spud Date	12/07/2014	
Date report submitted	19/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	0.7 m	
Days from Spud	7	GL - Elevation	50 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	51.2	Size	4-1/2"
Starting depth (6 am) [m]	119.97		
Finishing depth (6 pm) [m]	119.97		
Days progress [m]	0		

Summary of operations carried out
Cement to surface, set up signage on site, move to BCF SC 04

Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	119.97	Prestart meeting
	6:10	1:35	119.97	Wait on TO's and transport
	7:45	1:00	119.97	Rig down & pack up
	8:45	1:00	119.97	Cement to surface
	9:45	3:15	119.97	Pack up
	13:00	2:40	119.97	Move rig to new location
	15:40	0:30	119.97	Set up sinage

Summary of the Next 24hrs
Rehab site

Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name

Estimated daily and cumulative well costs

Yesterday	\$	111,600.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,700.00			
Cumulated	\$	128,300.00			

Pre-job safety meeting record

Date	Place	# of ppl	Personell on drillsite	
18/07/2014	Roper Bar	10	Drill crew - DRILLSTRALIS	3
			Logger - ACS	0
			Geologist	1
			Cultural monitor	4