

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 04	Permit	EP184		
Report number	1	Rig	Hydco1200G		
Report for	18/07/2014	Spud Date	18/07/2014		
Date report submitted	19/07/2014	Prognosed TD	100 m ± 20		
Weather	sunny	RT - GL	1.4 m		
Days from Spud	0	GL - Elevation	45 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]	50.6				
Days progress [m]	50.6				
Summary of operations carried out	Mobilisation, Rig up, drill surface conductor to 6m , drill top hole to 50.6m				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	10:15	2:45	0	Move rig and set up	
	13:00	3:00	50.6	Drill 10" surface conductor to 6m, set 7" PVC conductor casing, drill 6-1/4" top hole section to 50.6m	
	16:00	0:30	50.6	Trip out 6-1/4" gear	
	16:30	0:30	50.6	Run 4-1/2" HWT casing to 50.6m	
	17:00	0:30	50.6	Trip in hole HQ running UMX10	
	17:30	0:30	50.6	Travel back to camp	
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
Dull red to yellow highly weathered Iron Stone	0	6	N/A	N/A	
Light greyto dark green grey Siltstone with minor chert and shale	6	50.6	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	
18/07/2014	Roper Bar	10	Logger - ACS	0	
			Geologist	1	
			Cultural monitor	4	




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WELL	BCF SC 04	Permit	EP184	
Report number	2	Rig	Hydco1200G	
Report for	19/07/2014	Spud Date	18/07/2014	
Date report submitted	20/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	1.4 m	
Days from Spud	1	GL - Elevation	45 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	50.6	Size [inch]	4-1/2" HWT
Starting depth (6 am) [m]	50.6		
Finishing depth (6 pm) [m]	70.06		
Days progress [m]	19.46		

Summary of operations carried out	Core 19.46m of new formation.2 bit trips due to extremely hard formation.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	50.6	Prestart meeting
	6:10	0:20	50.6	Wait on transport
	6:30	1:00	50.6	Set up water and flush
	7:30	4:30	60.06	Drill to 60.06m
	12:00	0:30	60.06	Bit change 1
	12:30	0:30	60.06	Bit change 2
	13:00	4:30	60.06	Drill out matrix
	15:00		70.06	Drill to 70.06
	17:30	0:00	70.06	Chopper home

Summary of the Next 24hrs	Ream from 50.6 m to 70.06 m with 6-1/4" hammer bit and try to get through siderite formation with hammer, than start coring again.
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Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Light grey to grey and pink banded siderite, with abundant chert nodules and possible tuff bands. Extremely abbrasive.	50.6	70.06	N/A	N/A	

Estimated daily and cumulative well costs

			Surveys		
Yesterday	\$	16,700.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,500.00			
Cumulated	\$	37,200.00			

Pre-job safety meeting record

Pre-job safety meeting record			Personell on drillsite	
Date	Place	# of ppl		
19/07/2014	Roper Bar	10	Drill crew - DRILLSTRALIS	3
			Logger - ACS	1
			Geologist	1
			Cultural monitor	4

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WELL	BCF SC 04	Permit	EP184	
Report number	3	Rig	Hydco1200G	
Report for	20/07/2014	Spud Date	18/07/2014	
Date report submitted	21/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	1.4 m	
Days from Spud	2	GL - Elevation	45 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	50.6	Size [inch]	4-1/2" HWT
Starting depth (6 am) [m]	70.06		
Finishing depth (6 pm) [m]	96.06		
Days progress [m]	26		

Summary of operations carried out	Hammer 14.3m with 5-3/4" hammer, core 11.27m to 96.06m.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	70.06	Prestart meeting
	6:10	0:20	70.06	Wait on transport
	6:30	0:30	70.06	Prestart and built air
	7:00	1:30	70.06	Trip out HQ and HWT
	8:30	0:30	60.06	Change over to 4" hammer with 5-3/4" bit
	9:00	0:30	60.06	Trip in hole with 4" hammer with 5-3/4" bit
	9:30	1:00	60.06	Open HQ hole from 50.6 to 70.06m to 5-3/4"
	10:30	1:00	84.79	Air hamer from 70.06 to 84.79m
	11:30	0:30	84.79	Trip out hammer
	12:00	0:30	84.79	Run in hole HWT casing to 84.79m
	12:30	0:30	84.79	Trip in hole HQ, running Hardcore 12
	13:00	4:30	96.06	Drill core hole to 96.06
17:30	0:30	96.06	Chopper home	

Summary of the Next 24hrs	Continue coring to 120m
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Formation Description

Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Light grey to grey and pink banded Sideritic Shale , with abundant chert nodules. Extremely abbrasive.	70.06	95	N/A	N/A	Saint Vidgeon
Dark black shale with interbedded light grey bands and minor carbonate nodules	95	96.06	N/A	N/A	Saint Vidgeon

Estimated daily and cumulative well costs

Surveys

Yesterday	\$	37,200.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,500.00			
Cumulated	\$	57,700.00			

Pre-job safety meeting record

Personell on drillsite


Date	Place	# of ppl	Drill crew - DRILLSTRALIS	3
20/07/2014	Roper Bar	16	Logger - ACS	1
			Geologist	2
			Cultural monitor	3

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WELL	BCF SC 04	Permit	EP184		
Report number	4	Rig	Hydco1200G		
Report for	21/07/2014	Spud Date	18/07/2014		
Date report submitted	22/07/2014	Prognosed TD	100 m ± 20		
Weather	sunny	RT - GL	1.4 m		
Days from Spud	3	GL - Elevation	45 m		
HSE	No Incidents, Accidents or Spills.				
Drilling					
Last casing set @ [m]	84.79	Size [inch]	4-1/2" HWT		
Starting depth (6 am) [m]	96.06				
Finishing depth (6 pm) [m]	120				
Days progress [m]	23.94				
Summary of operations carried out	HQ core from 96.06 to 120m				
Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation	
	6:00	0:10	96.06	Prestart meeting	
	6:10	0:50	96.06	Drug test	
	7:00	0:30	96.06	Transport to work	
	7:30	4:30	108.06	Drill to 108.06m	
	12:00	1:00	108.06	Bit change. Run Hradcore 10	
	13:00	4:00	119.95	Drill to 199.95m	
	17:00	0:30	119.95	Trip out ready to log	
17:30	0:30	119.95	Chopper home		
Summary of the Next 24hrs	Log well, cement to surface and install signage.				
Formation Description					
Lithology description	Depth from [m]	Depth to [m]	Background gas (Units)	Gas peak [ppm]	Formation name
Light grey to grey carbonaceous Shale with mudstone bands and possible pink tuff bands.	96.06	120	N/A	N/A	Saint Vidgeon
Estimated daily and cumulative well costs			Surveys		
Yesterday	\$	57,700.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	20,500.00			
Cumulated	\$	78,200.00			
Pre-job safety meeting record			Personell on drillsite		
Date	Place	# of ppl	Drill crew - DRILLSTRALIS	3	
21/07/2014	Roper Bar	16	Logger - ACS	1	
			Geologist	2	
			Cultural monitor	3	

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WELL	BCF SC 04	Permit	EP184	
Report number	5	Rig	Hydco1200G	
Report for	22/07/2014	Spud Date	18/07/2014	
Date report submitted	23/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	1.4 m	
Days from Spud	4	GL - Elevation	45 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	84.79	Size [inch]	4-1/2" HWT
Starting depth (6 am) [m]	120		
Finishing depth (6 pm) [m]	120		
Days progress [m]	0		

Summary of operations carried out	Log well and cement to surface.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	120	Prestart meeting
	6:10	3:20	120	Wait on fog to clear to be able to land chopper safely
	9:30	4:30	120	Wireline logging, dummy, DEV GR FTC, RES IP, FWS and density
	14:00	1:00	120	POOH HWT casing
	15:00	0:30	120	Cement to 90m
	15:30	1:00	120	Cement to surface
	16:30	1:00	120	Pack up, ready to move to next site
	17:30	0:30	120	Chopper back to camp

Summary of the Next 24hrs	Install signage and move to new location.
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Formation Description

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

Estimated daily and cumulative well costs

	\$		Date	Depth [m]	Deviation [°]
Yesterday	78,200.00				
Daily Costs	16,700.00		22/07/2014	120.00	10.00
Cumulated	94,900.00				

Surveys

Pre-job safety meeting record


Date	Place	# of ppl	Personell on drillsite	
22/07/2014	Roper Bar	16	Drill crew - DRILLSTRALIS	3
			Logger - ACS	1
			Geologist	0
			Cultural monitor	3

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WELL	BCF SC 04	Permit	EP184	
Report number	6	Rig	Hydco1200G	
Report for	23/07/2014	Spud Date	18/07/2014	
Date report submitted	24/07/2014	Prognosed TD	100 m ± 20	
Weather	sunny	RT - GL	1.4 m	
Days from Spud	5	GL - Elevation	45 m	

HSE	No Incidents, Accidents or Spills.
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Drilling

Last casing set @ [m]	84.79	Size [inch]	4-1/2" HWT
Starting depth (6 am) [m]	120		
Finishing depth (6 pm) [m]	120		
Days progress [m]	0		

Summary of operations carried out	Dofinal PnA.
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Operations Break Down	Time	Duration [h:min]	Depth [m]	Operation
	6:00	0:10	120	Prestart meeting
	6:10	0:20	120	Wait on chopper
	6:30	2:00	120	Move rig of site to next drilling location.
	8:30	9:00	120	Install wellsign, rehab well pad and take final pictures.
	17:30	0:30	120	Transport back to camp

Summary of the Next 24hrs	
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Formation Description

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

Estimated daily and cumulative well costs

			Surveys		
Yesterday	\$	78,200.00	Date	Depth [m]	Deviation [°]
Daily Costs	\$	16,700.00	22/07/2014	120.00	10.00
Cumulated	\$	94,900.00			

Pre-job safety meeting record

Date	Place	# of ppl	Personell on drillsite	
23/07/2014	Roper Bar	16	Drill crew - DRILLSTRALIS	3
			Logger - ACS	0
			Geologist	1
			Cultural monitor	3