



Daily Operations Report (Drilling Onshore)

Operator: EQUION ENERGIA LIMITED

Event Type: DRILLING ONSHORE

Report no.: 105

Well/Wellbore No.: Floreña Ip-10/01

Event Objective: DEVELOPMENT

Report date: 22/01/2014

Well Type: DEVELOPMENT

Site: Floreña I

Job Number:

Rig Name/No.: H&P/152

Current Well Status

Depth MD:	13.955,0 (ft)	Casing Size:	9,625(in)	AFE No.:	E.DD1.12/06	Rig Accept:	04:43:00p.m. 10/10/2013
Est TVD:	13.955,0 (ft)	Casing(MD):	10.731,0(ft)	AFE Cost:	51.064.834	Rig Release:	
Progress:	27,0 (ft)	Next Casing Size:	7,000 (in)	Cost in:	USD	Spud Date:	28/09/2013
Auth Depth:	17.272,1 (ft)	Next Casing(MD):	15.113,0 (ft)	Exchange Rate:	1800	Ground Elevation:	2.195,1 (ft)
Hole Size:	8.500 (in)	Next Casing(TVD):		Daily Mud:	2147	KB Elev:	2232 (ft)
Elev Ref:	Floreña IP10 @2.231,5ft (above Mean Sea Level)			Cum. Mud:	1.273.084	Wellbore Max Angle:	
Geologist:	Jairo Montaña			Daily Well:	219.715		
Engineer:	Diego Andrés Ojeda Vargas			Cum. Well:	26.215.938	Est Days:	238,00 days
Day WSL:	Alexander Cuellar / Gerardo Rincon					Rig. Days:	268,00 days
Night WSL:	Henry Bastos					Days ahead:	28,30 days
Weather:	Sunny					Cost ahead:	5,106,640.00 USD

Current Status: LD BHA # 25.

24 Hr Summary: Drilled f/13,928 ft t/13,955 ft. Found top of mirador fm at 13,953 ft. Reamed f/13,955 ft t/13,886 ft. Pumped out f/13,886 ft t/ 13,507 ft. At 13,597 ft observed pack off attempted. Worked string & recovered normal parameters. POOH f/13,597 ft to 1,388 ft

24 Hr Forecast: POOH & LD BHA # 25 to inspection. PU, MU & RIH BHA # 26 with PDC Bit to continue drilling mirador formation.

Update at 06:00: POOH & LD BHA # 25 from 1,388 ft to surface. Dump MWD memory data.

Comments: No Incident, No accidents, No spills.

Allocations total (perf): 2,484,601 USD \$

Total Well Cost (Mob+perf): 27,897,167 USD \$

Variances

Total days: 28.30 Days Saved

Total Costs: 5,106,640 USD Saved

Cost and AFE Summary by AFE

Event Type	AGSP	Afe Total	Cum Cost	Difference	Expenditure (%)
MOBILIZATION	E.DD1.12/06	\$ 2,700,000.00	\$ 3,333,969.38	\$-633,969.38	123,48
MOBILIZATION	E.DD1.12/06	\$ 1,700,000.00	\$ 1,681,228.92	\$ 18,771.08	98,90
DRILLING ONSHORE	E.DD1.12/06	\$ 51,064,833.64	\$ 26,215,937.70	\$ 24,848,895.94	51,34
Total		\$ 55,464,833.64	\$ 31,231,136.00	\$ 24,233,697.64	

HSE / Performance Measure and Well Control

Days Since Last DAFW:	5,546	(days)			
No. Recordables:	0 / 0	(day/cum)	No. Stop Cards:	82 / 6,019	(day/cum)
No. First Aid Cases:	0 / 1	(day/cum)	No. Permit to Work:	22 / 2,111	(day/cum)
Near Misses:	0 / 61	(day/cum)	No. Contacto Cards:	26 / 1,699	(day/cum)
Last Csg Test Press:	2.500,00	(psi)	Audit to PTW:	1 / 127	(day/cum)
Incident Details:					
Last BOP Pressure Test :	15/01/2014 12:00:00a.m.				
Next BOP Pressure Test :	29/01/2014 12:00:00a.m.				
Last Fire Drill:	16/01/2014 12:00:00a.m.		Last Safety Inspection:	05/01/2014 12:00:00a.m.	
Last Evacuation Drill:	03/01/2014 12:00:00a.m.		Last Safety Meeting:	18/01/2014 12:00:00a.m.	
Last Weekly Rig Check:	17/11/2013 12:00:00a.m.		Last Guerrilla Attack Drill:	03/01/2014 12:00:00a.m.	
Last Spill Drill :	06/01/2014 12:00:00a.m.		Last Emergency Medical Drill:	03/01/2014 12:00:00a.m.	
			Last Pit Drill:	04/12/2013 12:00:00a.m.	
			Last Trip Drill:	14/01/2014 12:00:00a.m.	
			Last Diverter Drill:		
			Last Cum Drill:	15/01/2014 12:00:00a.m.	
			Last H2S Drill:		

LOT TVD:	BHP:	@	MAASSP:	0,00 (psi)
LOT EMW:	0,00	Test Pressure:		

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Report no.: 105

Well/Wellbore No.: Floreña Ip-10/01

Event Objective: DEVELOPMENT

Report date: 22/01/2014

Well Type: DEVELOPMENT

Site: Floreña I

Job Number:

Rig Name/No.: H&P/152

No.	Slow Pump Rates (Circ)		Slow Pump Rates (Choke)		Slow Pump Rates (Kill)	
	Stroke Rate	Pressure (psi)	Stroke Rate	Pressure (psi)	Stroke Rate	Pressure (psi)

No Pump Operations with Slow Pump Rates

Hole Section

Section Name	Section type	Effective hole diameter (in)	MD(ft)		Hole section start date/time	Hole section end date/time
			Top	Base		
8 1/2" Hole Section	Open Hole	8,500	13.579	13.955	19/01/2014 12:00a.m.	

Operational Parameters

ROP Daily:	4,74 (ft/hr)	Cum Prog :	376,00 (ft)	Daily Bit Hours:	5,70 (hr)	Pump Status - Drilling					
Avg ROP :	4,74 (ft/hr)	Rotating Weight:	415,00 (kip)	Daily Drilling Hrs:	5,70 (hr)						
ROP Cum:	5,51 (ft/hr)	Pick Up Wt:	435,00 (kip)	Cum Bit Hrs:	68,20 (hr)	No.	Operation Type	Efficiency (%)	SPM (spm)	Liner size (in)	Cric. Rate (gpm)
WOB (min):	39 (kip)	Slack Off Wt:	400,00 (kip)								
WOB (max):	40 (kip)										
Min RPM:	95 (rpm)	Circ Rate Hole:	520,00 (gpm)	Ann. Vel. DC:							
Max RPM:	110 (rpm)	Circ On Bottom:	3.280 (psi)	Ann. Vel. DP:							
Torque on Bottom:	9.000 (ft-lbf)	Torque off Bottom:	7.000 (ft-lbf)	Jar Hrs since Inspect:	152,70 (hr)						

Bit Details

Bit No	Run-No	Size	Manuf.	Model	Type	Serial #	Nozzles			TFA	Depth In(ft)	Depth Out(ft)		
19	1	8,500	BAKER	KM522X	Tri-Cone Bit	7031863	2X22, 2X14			1.040	13.579,0			
Cum Prog (ft)		RPM Min/Max	WOB Min/Max	Daily Hrs.	Hours Cum	ROP Cum	Condition							
376,0		95/110	39/40	5,70	68,20	5,51	1	2	WT	S	F	1	LT	TD



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BHA

BHA No.: 25		Wash Pipe Hrs	170,90	TMD In:		13.579,0 (ft)		BHA Weight:		46 / 24		
Workstring Purpose: DRILLING		Saver Sub Hrs:	170,90	TMD Out:		13.955,0 (ft)				BHA Hrs: 142,00		
Component	Component Type	Component Detail	Jts	Length (ft)	Cum Length (ft)	OD (in)	ID (in)	Blade OD (in)	Bend Angle (°)	Connection		P/B
										Size (in)	Type	
Bit	Tri-Cone Bit	8 1/2" New Baker Kymera Bit Model KM522X (Nozzles 2 x 22/32", 2 x 14/32" TFA: 1.042 in2).	1	1,15	1,15	8,500	3,500			4,500	REG	P
MWD	Auto Track	6.5" Autotrack with ribs (8.25" - 9.3") Conn. 6 3/4" T2 Pin X Box.	1	7,12	8,27	6,750	1,500			6,750	T2	BB
Stabilizer	Non-Mag Integral Blabe Stabilizer	7" Non mag Modular Stab with 8 5/16" Blade Conn. 6 3/4" T2 Pin X Box.	1	4,26	12,53	7,000	2,312	8,312		6,750	T2	PB
MWD	Copilot	7" Copilot Conn. 6 3/4" T2 Pin X Box.	1	7,41	19,94	7,000	1,750			6,750	T2	PB
MWD	Ontrak	7" Ontrack Conn. 6 3/4" T2 Pin X Box.	1	16,73	36,67	7,000	2,125			6,750	T2	PB
MWD	BCPM	7" BCPM Conn. 6 3/4" T2 Pin X Box.	1	10,66	47,33	7,000	1,938			6,750	T2	PB
Sub	Non-Mag Crossover Sub	7" Non mag Crossover sub Conn. 6 3/4" T2 Pin X 5" NC 50 Box.	1	2,54	49,87	7,000	2,250			4,500	NC50	PB
Stabilizer	Integral Blade Stabilizer	6 5/8" String Stab with 8 1/4" Blade.	1	5,79	55,66	6,625	2,250	8,250		4,500	NC50	PB
Sub	Float Sub	6 3/4" Float sub valve NC 50 Pin x Box.	1	2,70	58,36	6,750	2,912			4,500	NC50	PB
Sub	Filter Sub	6 1/2" Filter Sub NC50 Pin x Box.	1	5,68	64,04	6,500	2,812			4,500	NC50	PB
Drill Collar	Drill Collar	3 x 6 1/2" Drill Collar NC50 Pin x Box.	3	91,93	155,97	6,500	2,750			4,500	NC50	PB
Heavy Weight	Heavy Weight Drill Pipe	23 x 5" HWDP NC50 Pin x Box.	23	704,44	860,41	5,000	3,000			4,500	NC50	PB
Jar	Drilling Jar	6 1/2" Hydraulic Drilling Jar NC50 Pin x Box.	1	31,57	891,98	6,500	2,750			4,500	NC50	PB
Heavy Weight	Heavy Weight Drill Pipe	12 x 5" HWDP NC50 Pin x Box.	12	371,24	1.263,22	5,000	3,000			4,500	NC50	PB
Accelerator	Accelerator	6 1/2" Accelerator NC50 Pin x Box.	1	33,28	1.296,50	6,500	2,750			4,500	NC50	PB
Heavy Weight	Heavy Weight Drill Pipe	3 x 5" HWDP NC50 Pin x Box.	3	92,43	1.388,93	5,000	3,000			4,500	NC50	PB
Sub	Receiver Sub	5" Dart sub NC50 Pin x Box.	1	2,33	1.391,26	6,500	2,625			4,500	NC50	PB
Drill Pipe	Drill Pipe	5" DP NC50 Pin x Box.	183	5.767,13	7.158,39	5,000	3,000			4,500	NC50	PB
Sub	Cross Over	Crossover NC50 pin x XT57 Box	1	3,76	7.162,15	5,875	3,000			5,875	XT57	PB
Drill Pipe	Drill Pipe	5 7/8" DP XT57 Pin X Box.	1	6.792,85	13.955,00	5,875	5,043			5,875	XT57	PB



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Rig Name/No.: H&P/152

Drilling Fluid

Mud Type: Oil	10 sec Gels: 14,00	Ca: 80,00	ES: 1.301,0 (Volts)
Time: 22/01/2014 06:00:00a.m	10 min Gels: 35,00	K+: 0,00	Solids : 11,69 (%)
Depth: 13.955,00	Fluid Loss: 0,0 (cc/30min)	CaCl2: 9,40	Oil : 76,00 (%)
FL Temp: 174,00 (°F)	HTHP Temp: 250,00 (°F)	NaCl: 0,00	Water : 12,00 (%)
Density: 9,50 (ppg)	HTHP WL: 1,40 (cc/30mins)	Cl-: 250,00	Oil/Water: 86,00/14,00
Funnel Visc: 88,00 (s/qt)	Cake: 0,00	Sand : 0,10	Lost Downhole (bbl):
ECD: 10,40	MBT: 25,00	HGS: 53,94	Lost Surface (bbl): 49,00
PV: 27,00 (cp)	Lime: 3,40	LGS: 84,37 (lbm/bbl)	
YP: 25,00 (Lbf/100ft2)	PM : 0,70	Pf/Mf : 0,20 / 0,90	
WB Daily Cuttings:	OB Daily Cuttings:		
Cum: 0,0 (bbl)	Cum: 0,0 (bbl)		

Mud Type: Oil	10 sec Gels: 14,00	Ca: 80,00	ES: 1.340,0 (Volts)
Time: 22/01/2014 03:00:00p.m	10 min Gels: 36,00	K+: 0,00	Solids : 11,69 (%)
Depth: 13.955,00	Fluid Loss: 0,0 (cc/30min)	CaCl2: 9,40	Oil : 76,00 (%)
FL Temp: 0,00 (°F)	HTHP Temp: 250,00 (°F)	NaCl: 0,00	Water : 12,00 (%)
Density: 9,50 (ppg)	HTHP WL: 1,40 (cc/30mins)	Cl-: 250,00	Oil/Water: 86,00/14,00
Funnel Visc: 109,00 (s/qt)	Cake: 0,00	Sand : 0,10	Lost Downhole (bbl):
ECD: 10,40	MBT: 25,00	HGS: 53,94	Lost Surface (bbl): 49,00
PV: 28,00 (cp)	Lime: 3,40	LGS: 84,37 (lbm/bbl)	
YP: 25,00 (Lbf/100ft2)	PM : 0,70	Pf/Mf : 0,20 / 0,90	
WB Daily Cuttings:	OB Daily Cuttings:		
Cum: 0,0 (bbl)	Cum: 0,0 (bbl)		

Mud Type: Oil	10 sec Gels: 14,00	Ca: 80,00	ES: 1.328,0 (Volts)
Time: 22/01/2014 11:59:00p.m	10 min Gels: 36,00	K+: 0,00	Solids : 11,69 (%)
Depth: 13.955,00	Fluid Loss: 0,0 (cc/30min)	CaCl2: 9,40	Oil : 76,00 (%)
FL Temp: (°F)	HTHP Temp: 250,00 (°F)	NaCl: 0,00	Water : 12,00 (%)
Density: 9,50 (ppg)	HTHP WL: 1,40 (cc/30mins)	Cl-: 250,00	Oil/Water: 86,00/14,00
Funnel Visc: 131,00 (s/qt)	Cake: 0,00	Sand : 0,10	Lost Downhole (bbl):
ECD: 10,40	MBT: 25,00	HGS: 53,94	Lost Surface (bbl): 49,00
PV: 28,00 (cp)	Lime: 3,40	LGS: 84,37 (lbm/bbl)	
YP: 25,00 (Lbf/100ft2)	PM : 0,70	Pf/Mf : 0,20 / 0,90	
WB Daily Cuttings:	OB Daily Cuttings:		
Cum: 0,0 (bbl)	Cum: 0,0 (bbl)		

Operation Summary

From - To	Md From / Md To(ft)	Dur. (hr)	Phase	Activity	Code	Operation
0:00 — 5:45	13,928.00 — 13,955.00	5.8	DPR1	DRIL	D	<p>Drilled 8 1/2" hole section through Los Cuervos formation from 13,928 ft to 13,955 ft 520 gpm - 3,280 psi ; 95 / 110 rpm - 7.0 / 9.0 Klb-ft ; 38 / 40 Klb of WOB.</p> <p>* Observed Mirador top at 13,953 ft. Decided POOH BHA # 25.</p> <p>At 13,954 Lithology: 5 % SST - SLTST (95% CVG) - MDST (100 % CVG)</p> <p>At 13,955 ft sent downlink: Ribs Off.</p>

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Operation Summary

From - To	Md From / Md To(ft)	Dur. (hr)	Phase	Activity	Code	Operation
5:45 — 6:00	13,955.00 — 13,955.00	0.3	DPR1	REAM	D	ROP: 4.7 ft/hr. Cavings Rate: 0.05 bph. Morphologies: 70 % Tab ; 30 % Blky. Size: 3 - 15 mm. Backreamed and Reamed from 13,955 ft to 13,886 ft with 520 gpm - 3,280 psi ; 100 rpm - 7.0 / 8.0 Klb-ft of TQ. At 13,913 ft Took survey as follows: TVD (ft) Inc (°) Azim (°) DLS (°/100 ft) 13,790.89 15.10 138.84 0.13 Average Cavings Rate: 0.05 bph. Morphologies: 70 % Tab ; 30 % Blky. Size: 3 - 15 mm
6:00 — 8:00	13,955.00 — 13,955.00	2.0	DPR1	CIRC	D	Pumped 70 bbls of Hi-Visc Pill (210 seg) with 178 gpm - 1,300 psi and displaced to surface with 520 gpm - 3,230 psi ; 60 rpm - 7.0 Klb-ft of TQ. Reciprocated string. Cavings Rate Before Pill: 0.05 bph. Cavings Rate During Pill: 0.15 bph. Cavings Rate After Pill: 0.03 bph.
8:00 — 8:15	13,955.00 — 13,886.00	0.3	DPR1	REAM	D	Reamed from 13,955 ft to 13,886 ft with 520 gpm - 3,280 psi ; 60 rpm - 7.0 Klb-ft of TQ.
8:15 — 10:30	13,886.00 — 13,597.00	2.3	DPR1	POOH	D	Pumped out from 13,886 ft to 13,507 ft with 520 gpm - 3,200 psi. Pumped out between 13,507 ft - 13,602 ft twice. Turn off pumps and RIH without pumps from 13,507 ft to 13,602 ft. POOH with pumps from 13,602 ft to 13,597 ft. At 13,597 observed 30 Klb of OP, turn on pumps and observed 450 psi of pressure trapped.
10:30 — 11:30	13,597.00 — 13,597.00	1.0	DPR1	WSPI	D	Worked string between PUW & SOW in stages with 450 psi of pressure trapped. Observed pressure drop to 180 psi, turn on pumps in stages from 22 gpm - 352 psi. Increased flow rate in stages to recover normal circulation parameters from 22 gpm - 352 psi to 520 gpm - 3,190 psi. Recovered normal circulation parameters and observed free string.
11:30 — 12:30	13,597.00 — 13,597.00	1.0	DPR1	CIRC	D	Continued circulating bottoms up with 520 gpm - 3,220 psi. Reciprocated string slowly. Average Cavings Rate: 0.13 bph. Morphologies: 90 % Tab ; 10 % Blky. Size: 2 - 22 mm.
12:30 — 12:45	13,597.00 — 13,460.00	0.3	DPR1	POOH	D	Pumped out from 13,597 ft to 13,460 ft with 520 gpm - 3,180 psi.
12:45 — 13:30	13,460.00 — 13,050.00	0.8	DPR1	POOH	D	POOH on elevators from 13,460 ft to 13,050 ft.
13:30 — 14:00	13,050.00 — 13,494.00	0.5	DPR1	RTIH	D	RIH on elevators from 13,050 ft to 13,494 ft. No observed restriction.
14:00 — 14:45	13,494.00 — 13,508.00	0.8	DPR1	REAM	D	Reamed from 13,494 ft to 13,508 ft with 520 gpm - 3,220 psi ; 140 rpm - 7.0 Klb-ft.
14:45 — 18:00	13,508.00 — 10,570.00	3.3	DPR1	POOH	D	* Observed some peaks of erratic torque. POOH on elevators from 13,508 ft to 10,570 ft. No observed restriction.
18:00 — 18:15	10,570.00 — 10,570.00	0.3	DPR1	FCHE	D	Performed flow check. Observed well static, Ok. Meanwhile held safety and preoperational meeting with new crew prior to continue POOH BHA # 25 through cased

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						hole. Discussed procedures, review JSA and assigned R&R.
18:15 — 18:30	10,570.00 — 10,570.00	0.3	DPR1	BHAI	D	Sent downlink to diagnosticate directional tools, Ok.
18:30 — 18:45	10,570.00 — 10,570.00	0.3	DPR1	PUMP	D	Pumped 40 bbls of Slug Pill (11.3 ppg) with 270 gpm - 1,040 psi.
18:45 — 20:30	10,570.00 — 7,158.00	1.8	DPR1	POOH	D	POOH BHA # 25 on elevators from 10,570 ft to 7,158 ft. (Tripping Speed: 20 stands/hour).
						WWT operator checked condition of NRDPP: - Changed out 1 NRDPP: Stand 11 - Single 2.
20:30 — 23:45	7,158.00 — 1,388.00	3.3	DPR1	POOH	PL	* Changed DP elevator from 5" DP to 5 7/8" DP. POOH BHA # 25 on elevators from 7,158 ft to 1,388 ft. (Tripping Speed: 20 stands/hour).
						WWT operator checked condition of NRDPP: - Changed out 2 NRDPP: Stand 45 - Single 1. - Changed out 1 NRDPP: Stand 44 - Single 1. - Changed out 2 NRDPP: Stand 38 - Single 1 & 3. - Changed out 2 NRDPP: Stand 35 - Single 1 & 3. - Changed out 2 NRDPP: Stand 34 - Single 1 & 3. - Changed out 2 NRDPP: Stand 33 - Single 1 & 3.
23:45 — 0:00	1,388.00 — 1,388.00	0.3	DPR1	FCHE	D	Performed flow check. Observed well static, Ok.
						Meanwhile held safety meeting with all personnel prior to LD BHA # 25. Discussed procedures, review JSA and assigned R&R.



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06:00 Update

From - To	Md From / Md To(ft)	Dur. (hr)	Phase	Activity	Code	Operation
00:00 - 03:45	1,388.00 — 64.00	3.8	DPR1	BHAM	D	POOH & LD BHA # 25 from 1,388 ft to 64 ft as follows: - 6 1/2" Dart Sub NC50 Pin x Box. - 3 x 5" HWDP NC50 Pin x Box. - 6 1/2" Accelerator NC50 Pin x Box. - 12 X 5" HWDP NC50 Pin x Box. - 6 1/2" Hydraulic Jar NC50 Pin x Box. - 23 X 5" Heavy weight drill pipe NC50 Pin X Box. - 3 X 6 1/2" Drill collar NC50 Pin X Box.
03:45 - 04:45	64.00 — 64.00	1.0	DPR1	BHAI	D	Dump MWD memory data.
04:45 - 06:00	64.00 — 64.00	1.3	DPR1	BHAM	D	POOH & LD BHA # 25 from 64 ft to surface as follows: - 6 3/4" Filter sub 6 3/4" NC50 Pin X Box. - 6 1/2" String stab (Blade 8 1/4"). NC50 Pin X Box: Came Out In Gauge. - 6 3/4" Stop Sub 6 3/4" T2 Pin X NC50 Box. - 6 3/4" BCPM 6 3/4" T2 Pin X Box. - 6 3/4" Ontrack 6 3/4" T2 Pin X Box. - 7" Copilot 6 3/4" T2 Pin X Box. - 6 3/4" Modular Stab (Blade 8 5/16") 6 3/4" T2 Pin X Box: Came Out In Gauge. * Observed only on lower section of stab wear of 1" of length and 1/16" of depth. - 6 3/4" Auto Track (with ribs 8 1/4" - 8 1/2") 6 3/4" T2 Pin X Box. - 8 1/2" New Baker Kymera Bit type HK522X (Nozzles: 2X14/32" ; 2X22/32" TFA: 1.042 in2). Total Bit Rev: 671 KRev PDC: 1 / 2 / WT / S / X / 1 / NO / TD. TRC: 1 / 2 / WT / S / F / 1 / LT / TD. Bit Dull Grading: 1 / 2 / WT / S / F / 1 / LT / TD.

Mud Logging

Formation: MIRADOR	Formation top @: 13.977,0 (ft)	Max Background Gas (ppg): 0,04	Max Trip Gas (ppg): 0,00
Lithology: SAND		Max Connection Gas (ppg): 0,00	Pore Press: 0,00 (ppg)

Gas		Volumes	
Avg Conn Gas (%):	0.000	Total String Vol (bbl):	11,9
Max Connection Gas (%):	0.000	Total Annular Vol (bbl):	1.035,0
Avg Trip Gas (%):	0.000	Total Pit Vol (bbl):	0,0
Max Trip Gas (%):	0.000	Lines (bbl):	0,0
Avg Background Gas (%):	0.026	Active volume (bbl):	0,00
Max Background Gas (%):	0.040	Reserve volume (bbl):	
Pore Press (ppg):	0,00	Total System Vol (bbl):	1.046,9

Materials/Consumption

Item	Unit	Usage	On Hand	Item	Unit	Usage	On Hand
DIESEL-RIG	Gal	1.915,00	40.911,00	DIESEL-CAMP	Gal	250,00	1.848,00



Daily Operations Report (Drilling Onshore)

Operator: EQUION ENERGIA LIMITED

Event Type: DRILLING ONSHORE

Report no.: 105

Well/Wellbore No.: Floreña Ip-10/01

Event Objective: DEVELOPMENT

Report date: 22/01/2014

Well Type: DEVELOPMENT

Site: Florena I

Job Number:

Rig Name/No.: H&P/152

Personnel

Total No. of People: 89

Company	No. People	Hours	Company	No. People	Hours
BAKER	15	180	SERDAN	1	12
EQUION	2	24	PARKO SERVICES	1	12
H&P	40	480	WWT	1	12
MISION TEMPORAL	1	12	UVC AMBULANCIA	1	12
HALLIBURTON	5	60	SIMA	1	12
COMPASS	12	144	TELEMATICA	2	24
TECNIAMBIENTE	1	12	G4S	1	12
COLVISEG	3	36	ARIANA	1	12
SGF GLOBAL	1	12			

Cumulative Phase Breakdown

Phase	Time										Total Cost	
	Estim.	Actual PL	%	Real UI	%	Real UE	%	Real NPT	%	Total	Varia.	
DSUR	88.51	89.00	98.89	0	0.00	0	0.00	1.00	1.11	90.00	-1.49	\$ 1,276,245.64
RSCA	132.72	93.75	94.22	0	0.00	0	0.00	5.75	5.78	99.50	33.22	\$ 1,781,442.84
DIN1	141.28	47.75	39.63	0	0.00	0	0.00	72.75	60.37	120.50	20.78	\$ 1,032,135.27
RIN1	182.98	184.75	92.84	0	0.00	0	0.00	14.25	7.16	199.00	-16.02	\$ 3,150,345.01
DIN2	246.59	290.75	100.00	0	0.00	0	0.00	0	0.00	290.75	-44.16	\$ 3,117,538.42
RIN2	267.85	166.75	80.46	0	0.00	0	0.00	40.50	19.54	207.25	60.60	\$ 3,036,170.80
DPR1	2,539.07	1,105.25	73.05	0	0.00	0	0.00	405.25	26.78	1,513.00	1,026.07	\$ 12,162,272.96
RPR1	384.12											\$ 659,786.76
DPR2	1,389.50											\$ 0.00
RPR2	349.44											\$ 0.00
Grant Total	5,722.06	1,978.00	78.49	0	0.00	0	0.00	539.50	21.41	2,520.00	3,202.06	\$ 26,215,937.70

Remarks

CONTACTO BY COMPANY: Equion 4, H&P 3, Ariana 2, Halliburton 7, Parko 1, UVC 6, Baker Direccional 3.

STOP BY COMPANY: H&P 52, Halliburton 11, Baker Direccional 10, UVC 6, Parko 1, Compass 2.

DAYS WITHOUT ACCIDENTS (OSHA) H&P 152: 2,210.

- Contacto Card: Gave congrats to personnel involved in removal of branches over the gym, working with all HSE policies and good communication. Gave congrats.

- STOP Card: During annual harnesses inspection was observed an anti-trauma line in poor conditions. Proceeded to changed it by a new one. Is important keep all the lifting equipment in good conditions.

* Total New Action in ATF: 0

* Total Closed Action in ATF: 4

* Total Open Action in ATF: 7

* Outstanding Actions Open: 7

***** HSE ACTIVITIES*****

- On location DC&I HSE advisor Jhon Ospina.

- Location of sandbags on stairs of minicamp containers.

- EPP's Inspection: Steel toe and rubber boots. No relevant findings.

***** LOGISTIC ISSUES*****

On location 7" Clear Ream Assy.

On location 7" Float Collar Assy.

On location 7" Landing Collar Assy.

**Daily Operations Report (Drilling Onshore)**

Operator: EQUION ENERGIA LIMITED

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Report no.: 105

Well/Wellbore No. : Floreña Ip-10/01

Event Objective: DEVELOPMENT

Report date: 22/01/2014

Well Type : DEVELOPMENT

Site: Florena I

Job Number :

Rig Name/No.: H&P/152

Remarks

On location 7" Clear Ream Back Up.

On location 7" Float Collar Back Up.

On location 10 x 7" liner Joints HYD 513 32# 13%Cr with CBR Centralizers.

On location 17 Joints 7" liner hyd 513 32# 13%Cr.

On location 104 Joints 7" liner hyd 513 32# Carbon Steel.

- Recived 8 3/8" Near Bit Roller Reamer.

- Received 2 x 8 3/8" Omnireamer.

- Received 2 x 8 1/2" Impregnated Bits Model IRC216E

***** WELL INTEGRITY *****

Daily metal shavings: 50 grs.

Total 8 1/2" Hole Section Metal Shavings 6,178 grs.

Daily mud losses: 0 bls.

Total 8 1/2" mud losses: 223 bls.

* Jar hours: 152.7

* BHA hrs: 142

* Wash Pipe Hours: 170.9

* Saver Sub Hours: 170.9

@ 24:00 hrs.

Bit Rev: 671 Krev.

***** DRILLS *****

Last Attack Drill: 03/01/2014.

Last Alarm Test: 16/01/2014.

Last kick while drilling (D2): 26/11/2013.

Last kick while tripping (D1): 05/01/2014.

D5: 31/10/2013

D4: 15/01/2014

Last BOP Test: 15/01/2014.

Last Fire Drill: 15/01/2014.

Last rescue in the pits Drill: 04/12/2013.

Last H2S drill:

Last Medical Emergency Drill: 03/01/2014.

Last Spill Drill: 09/01/2014.

Last Drop Objects Inspection: 07/01/2014.

***** Medical Report*****

Medical Cases: 0. No work related.