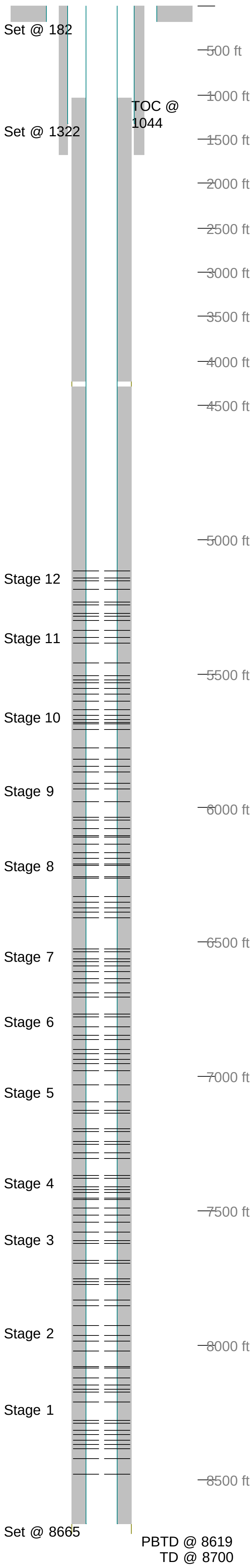
Downhole Schematic for N Parachute MF02C-16 H17 696

EnCana Oil & Gas (USA) Inc.

Project : North Piceance | API # : 05045186940000 | Surface Location : SENE/Lot7 Sec 17 T6S - R96W 6
Area : N Parachute | County : | BHL : Lot 7-16-6S-96 W 6th PM
As Of : 01/29/2012 | GL : 5654.0 ft | KB to GL : 5676.0 ft | KB : 11330.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000	16	0	182	182			16"- 3/8" WT
Surface	12.250	9.625	0	1,322	2	LT&C		Float Shoe
		9.625	36	1,321	18	LT&C	J55	Shoe Jt.
		9.625	36	1,302	1,275	ST&C	J55	Casing
		9.625	36	27	4	LT&C	J55	Wellhead
		9.625	36	23	26	LT&C	J55	Landing Jt
Production	8.750		0	8,665	2	Butt		Shoe
		4.5	11.6	8,664	43	Butt	E-80	Casing
			0	8,621	2	Butt		Float Collar
		4.5	11.6	8,619	1,417	Butt	E-80	Casing
		4.5	11.6	7,202	23	Butt	E-80	Marker
		4.5	11.6	7,180	2,226	Butt	E-80	Casing
		4.5	11.6	4,953	23	Butt	E-80	Marker
		4.5	11.6	4,931	4,935	Butt	E-80	Casing

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Surface	Lead	0	12.5	"G" / G+2.0%D079+0.2%D46+0.25 pps D29
	Tail	1,042	14.0	"G" / G+1%D79+0.2%D46+0.25pps D29
Production	Scavenger	0	12.0	MUDPUSH II / 30 bbl 100# D182+6600#D031
	Lead	1,044	12.5	12.5ppg NPR (Poz A) / 5.0% D044+0.2% D046 + 1.2% D113 + 0.5% D182 + 0.25 PPS D029 + 1.0% D079
	Tail	4,288	13.0	13.0 PPG Poz "G" - Rockies Correct / 5.0% D044 + 35% D178+3.0% D020 + 0.50% D182 + 0.750% D112 +0.40% D201% +0.2% D065+ 0.2% D046 + 0.25 % D029 +11% D035
Conductor	Lead	0	13.0	Control Set C /

Perforations

Stage 1

Date	From	To	Shots
01/20/2012	8,480	8,481	3
	8,422	8,423	3
	8,388	8,389	3
	8,372	8,373	3
	8,352	8,353	3
	8,335	8,336	3
	8,316	8,317	3
	8,289	8,290	3
	8,281	8,282	3
	8,212	8,213	3

Stage 10

Date	From	To	Shots
01/28/2012	5,865	5,866	3
	5,845	5,846	3
	5,817	5,818	3
	5,778	5,779	3
	5,705	5,706	3
	5,688	5,689	3
	5,681	5,682	3
	5,669	5,670	3
	5,655	5,656	3
	5,636	5,637	3

Stage 11

Date	From	To	Shots
01/28/2012	5,601	5,602	3
	5,577	5,578	3
	5,555	5,556	3
	5,534	5,535	3
	5,522	5,523	3
	5,505	5,506	3
	5,458	5,459	3
	5,388	5,389	3
	5,365	5,366	3
	5,341	5,342	3

Stage 12

Date	From	To	Shots
01/29/2012	5,304	5,305	3
	5,299	5,300	3
	5,286	5,287	3
	5,273	5,274	3
	5,241	5,242	3
	5,231	5,232	3
	5,186	5,187	3
	5,155	5,156	3
	5,144	5,145	3
	5,118	5,119	3

Stage 2

Date	From	To	Shots
01/23/2012	8,175	8,176	3
	8,164	8,165	3
	8,149	8,150	3
	8,124	8,125	3
	8,088	8,089	3
	8,079	8,080	3
	8,023	8,024	3
	7,986	7,987	3
	7,962	7,963	3
	7,925	7,926	3

Stage 3

Date	From	To	Shots
01/24/2012	7,854	7,855	3
	7,830	7,831	3
	7,776	7,777	3
	7,766	7,767	3
	7,754	7,755	3
	7,694	7,695	3
	7,683	7,684	3
	7,620	7,621	3
	7,610	7,611	3
	7,578	7,579	3

Stage 4

Date	From	To	Shots
01/25/2012	7,540	7,541	3
	7,516	7,517	3
	7,490	7,491	3
	7,459	7,460	3
	7,451	7,452	3
	7,432	7,433	3
	7,422	7,423	3
	7,411	7,412	3
	7,378	7,379	3
	7,368	7,369	3

Stage 5

Date	From	To	Shots
01/25/2012	7,305	7,306	3
	7,284	7,285	3
	7,255	7,256	3
	7,243	7,244	3
	7,206	7,207	3
	7,194	7,195	3
	7,137	7,138	3
	7,126	7,127	3
	7,094	7,095	3
	7,031	7,032	3

Stage 6

Date	From	To	Shots
01/25/2012	6,976	6,977	3
	6,950	6,951	3
	6,936	6,937	3
	6,913	6,914	3
	6,897	6,898	3
	6,863	6,864	3
	6,847	6,848	3
	6,814	6,815	3
	6,778	6,779	3
	6,765	6,766	3

Stage 7

Date	From	To	Shots
01/26/2012	6,702	6,703	3
	6,688	6,689	3
	6,653	6,654	3
	6,635	6,636	3
	6,609	6,610	3
	6,587	6,588	3
	6,574	6,575	3
	6,561	6,562	3
	6,533	6,534	3
	6,523	6,524	3

Stage 8

Date	From	To	Shots
01/26/2012	6,409	6,410	3
	6,388	6,389	3
	6,371	6,372	3
	6,351	6,352	3
	6,328	6,329	3
	6,263	6,264	3
	6,255	6,256	3
	6,213	6,214	3
	6,209	6,210	3
	6,186	6,187	3

Stage 9

Date	From	To	Shots
01/27/2012	6,166	6,167	3
	6,133	6,134	3
	6,108	6,109	3
	6,104	6,105	3
	6,076	6,077	3
	6,047	6,048	3
	6,036	6,037	3
	5,974	5,975	3
	5,929	5,930	3
	5,908	5,909	3

Frac Summary

Stage 1 : 8,212 - 8,481, 30 - 0.420" shots, 19144 bbls of Slickwater Report Date: 01/23/2012
Stage 2 : 7,925 - 8,176, 30 - 0.420" shots, 13142 bbls of Slickwater Report Date: 01/24/2012
Stage 3 : 7,578 - 7,855, 30 - 0.420" shots, 14430 bbls of Slickwater Report Date: 01/24/2012
Stage 4 : 7,368 - 7,541, 30 - 0.420" shots, 16287 bbls of Slickwater Report Date: 01/25/2012
Stage 5 : 7,031 - 7,306, 30 - 0.420" shots, 14571 bbls of Slickwater Report Date: 01/25/2012
Stage 6 : 6,765 - 6,977, 30 - 0.420" shots, 18143 bbls of Slickwater Report Date: 01/26/2012
Stage 7 : 6,523 - 6,703, 30 - 0.420" shots, 19714 bbls of Slickwater Report Date: 01/26/2012
Stage 8 : 6,186 - 6,410, 30 - 0.420" shots, 12287 bbls of Slickwater Report Date: 01/27/2012
Stage 9 : 5,908 - 6,167, 30 - 0.420" shots, 14714 bbls of Slickwater Report Date: 01/27/2012
Stage 10 : 5,636 - 5,866, 30 - 0.420" shots, 11572 bbls of Slickwater Report Date: 01/28/2012
Stage 11 : 5,341 - 5,602, 30 - 0.420" shots, 21429 bbls of Slickwater Report Date: 01/28/2012
Stage 12 : 5,118 - 5,305, 30 - 0.420" shots, 14285 bbls of Slickwater Report Date: 01/29/2012