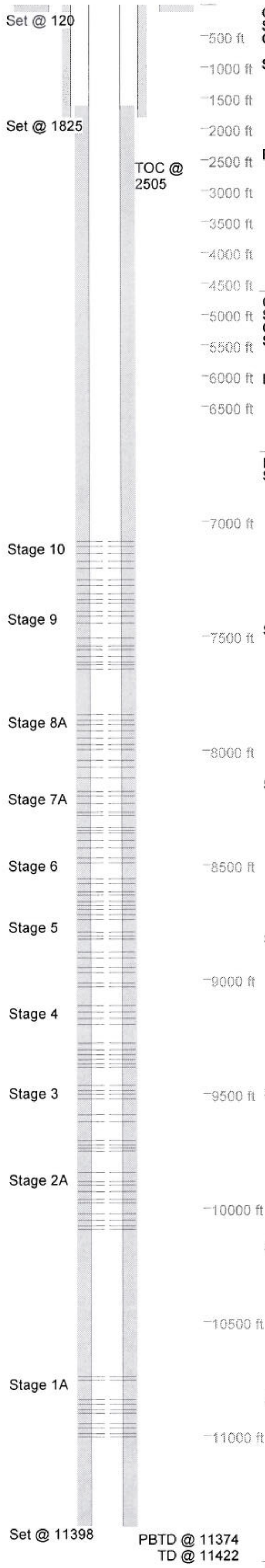
Downhole Schematic for N Parachute EF01E-34 P27 595

EnCana.
EnCana Oil & Gas (USA) Inc.

Project : North Piceance | API # : 05045202840000 | Surface Location : SESE Sec 27 T5S - R95W 6th PM

Area : N Parachute | County : | BHL : NENE-34-5S-95 W 6th PM

As Of : | GL : 6650.0 ft | KB to GL : 22.5 ft | KB : 6672.5 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000	16	0	120	120			Line Pipe
Surface	12.250	9.625	0	1,825	2	LT&C	K-55	Shoe
		9.625	36	1,824	44	LT&C	J-55	Casing
		9.625	0	1,780	2	LT&C	K-55	Float Collar
		9.625	36	1,778	1,750	LT&C	J-55	Casing
		9.625	36	28	5	ST&C	J-55	Well Head pup jt
		9.625	36	23	27	LT&C	J-55	Landing Jt
Production	8.750	5	0	11,398	2	Butt	P-110	Shoe
		4.5	11.6	11,397	21	Butt	P-110	Shoe Joint
		5	0	11,376	2	Butt	P-110	Float collar
		4.5	11.6	11,374	1,457	Butt	P-110	Casing
		4.5	11.6	9,917	21	Butt	P-110	Marker Jnt
		4.5	11.6	9,896	3,438	Butt	P-110	Casing
		4.5	11.6	6,459	21	Butt	P-110	Marker Jnt.
		4.5	11.6	6,437	5,358	Butt	P-110	Casing
		4.5	11.6	1,080	21	Butt	P-110	Marker Jt
		4.5	11.6	1,059	1,063	Butt	P-110	Casaing

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Conductor	Tail	0	12.0	G cement / Cello Flake
Surface	Lead	0	11.0	11.0# LiteFIL / +6.0%D053+2.0%D079+0.2%D046+1.25lb/skD029
	Tail	1,318	12.5	12.5# LiteFIL / +6.0%D053+0.2%D046+0.25lb/sx+0.15D013+0.2%D065
Production	Lead	1,620	12.5	12.5 NPR / +5.0%D044+2.0%D079+0.5%D182+1.2%D013+0.2%D046+0.25lb/sk D029
	Tail	5,422	13.0	13.0#Rockies Correct / +5.0%D044+35%D178+3.0%D020+0.5%D182+0.75%D112+0.4%D201+0.2%D065+0.2%D046+0.25lb/skD029

Perforations

Stage 10 — Date 06/22/2012

From	To	Shots
7,357	7,358	3
7,342	7,343	3
7,316	7,317	3
7,280	7,281	3
7,255	7,256	3
7,205	7,206	3
7,174	7,175	3
7,140	7,141	3
7,110	7,111	3
7,087	7,088	3

Stage 1A — Date 06/06/2012

From	To	Shots
11,005	11,006	3
10,990	10,991	3
10,967	10,968	3
10,947	10,948	3
10,901	10,902	3
10,886	10,887	3
10,861	10,862	3
10,842	10,843	3
10,756	10,757	3
10,740	10,741	3

Stage 1B — Date 06/06/2012

From	To	Shots
11,005	11,006	3
10,990	10,991	3
10,967	10,968	3
10,947	10,948	3
10,901	10,902	3
10,886	10,887	3
10,861	10,862	3
10,842	10,843	3
10,756	10,757	3
10,740	10,741	3

Stage 2A — Date 06/11/2012

From	To	Shots
10,094	10,095	3
10,079	10,080	3
10,053	10,054	3
10,025	10,026	3
9,977	9,978	3
9,962	9,963	3
9,927	9,928	3
9,899	9,900	3
9,883	9,884	3
9,844	9,845	3

Stage 2B — Date 06/12/2012

From	To	Shots
10,094	10,095	3
10,079	10,080	3
10,053	10,054	3
10,025	10,026	3
9,977	9,978	3
9,962	9,963	3
9,927	9,928	3
9,899	9,900	3
9,883	9,884	3
9,844	9,845	3

Stage 3 — Date 06/13/2012

From	To	Shots
9,750	9,751	3
9,737	9,738	3
9,724	9,725	3
9,704	9,705	3
9,622	9,623	3
9,592	9,593	3
9,522	9,523	3
9,501	9,502	3
9,487	9,488	3
9,464	9,465	3

Stage 4 — Date 06/14/2012

From	To	Shots
9,384	9,385	3
9,370	9,371	3
9,350	9,351	3
9,328	9,329	3
9,308	9,309	3
9,279	9,280	3
9,197	9,198	3
9,171	9,174	3
9,143	9,144	3
9,115	9,116	3

Stage 5 — Date 06/14/2012

From	To	Shots
9,034	9,035	3
9,017	9,018	3
8,970	8,971	3
8,948	8,949	3
8,906	8,907	3
8,881	8,882	3
8,824	8,825	3
8,810	8,811	3
8,793	8,794	3
8,739	8,740	3

Stage 6 — Date 06/15/2012

From	To	Shots
8,717	8,718	3
8,694	8,695	3
8,678	8,679	3
8,660	8,661	3
8,632	8,633	3
8,617	8,618	3
8,582	8,583	3
8,560	8,561	3
8,492	8,493	3
8,471	8,472	3

Stage 7A — Date 06/18/2012

From	To	Shots
8,427	8,428	3
8,393	8,394	3
8,361	8,362	3
8,349	8,350	3
8,336	8,337	3
8,284	8,285	3
8,270	8,271	3
8,231	8,232	3
8,199	8,200	3
8,179	8,180	3

Stage 7B — Date 06/18/2012

From	To	Shots
8,427	8,428	3
8,393	8,394	3
8,361	8,362	3
8,349	8,350	3
8,336	8,337	3
8,284	8,285	3
8,270	8,271	3
8,231	8,232	3
8,199	8,200	3
8,179	8,180	3

Stage 8A — Date 06/20/2012

From	To	Shots
8,120	8,121	3
8,073	8,074	3
8,044	8,045	3
7,996	7,997	3
7,973	7,974	3
7,946	7,947	3
7,914	7,915	3
7,888	7,889	3
7,869	7,870	3
7,844	7,845	3

Stage 8B — Date 06/20/2012

From	To	Shots
8,120	8,121	3
8,073	8,074	3
8,044	8,045	3
7,996	7,997	3
7,973	7,974	3
7,946	7,947	3
7,914	7,915	3
7,888	7,889	3
7,869	7,870	3
7,844	7,845	3

Stage 9 — Date 06/21/2012

From	To	Shots
7,646	7,647	3
7,628	7,629	3
7,616	7,617	3
7,591	7,592	3
7,560	7,561	3
7,544	7,545	3
7,510	7,511	3
7,444	7,445	3
7,414	7,415	3
7,393	7,394	3

Frac Summary

Stage 1A : 10,740 - 11,006, 38333 bbls of Slickwater Report Date: 06/07/2012
Stage 1B : 10,740 - 11,006, 20248 bbls of Slickwater Report Date: 06/08/2012
Stage 2A : 9,844 - 10,095, 23847 bbls of Slickwater Report Date: 06/12/2012
Stage 2B : 9,844 - 10,095, 2937 bbls of Slickwater Report Date: 06/13/2012
Stage 3 : 9,464 - 9,751, 16268 bbls of Slickwater Report Date: 06/13/2012
Stage 4 : 9,115 - 9,385, 12843 bbls of Slickwater Report Date: 06/14/2012
Stage 5 : 8,739 - 9,035, 20269 bbls of Slickwater Report Date: 06/15/2012
Stage 6 : 8,471 - 8,718, 17793 bbls of Slickwater Report Date: 06/18/2012
Stage 7A : 8,179 - 8,428, 19873 bbls of Slickwater Report Date: 06/19/2012