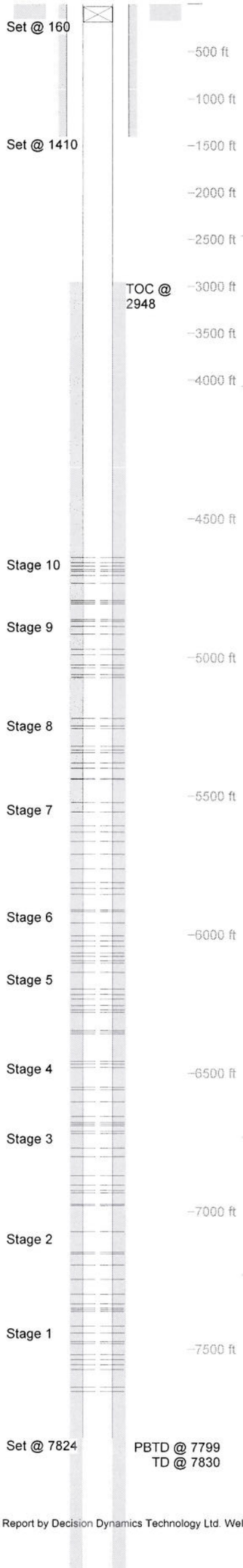
Downhole Schematic for N Parachute MF11A-16 H17 696

ENCANA

Project : North Piceance | API # : 05045187020000 | Surface Location : SENE/Lot7 Sec 17 T6S - R96W 6t

Area : N Parachute | County : | BHL : Lot 11-16-6S-96 W 6th PM

As Of : | GL : 5654.0 ft | KB to GL : 22.0 ft | KB : 5676.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000		0	160	0			16" LINE PIPE
Surface	12.250		0	1,410	2	LT&C	J-55	Shoe
		9.625	36	1,409	20	LT&C	J-55	Shoe Jt
		9.625	36	1,389	1,361	LT&C	J-55	Casing
		9.625	36	28	5	ST&C		Casing Head
		9.625	36	23	26	LT&C	J-55	Landing Jt
Production	8.750	4.5	0	7,824	2	Butt	L80	Float Shoe
		4.5	11.6	7,822	23	Butt	E80	Marker Jnt
		4.5	11.6	7,800	2	Butt	L80	Float Collar
		4.5	11.6	7,798	1,471	Butt	E80	Casing
		4.5	11.6	6,327	23	Butt	S80	Marker Jnt
		4.5	11.6	6,304	1,930	Butt	E80	Casing
		4.5	11.6	4,375	23	Butt	S80	Marker Jnt
		4.5	11.6	4,352	4,355	Butt	E80	Casing

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Conductor	Tail	0	13.0	Control set C / 2.0% SMS + 2.0% CaC12 + 2.0% OGC-60 + 1/4 pd/sk Polly
Surface	Lead	0	12.5	"G" / G+2.0%D079+0.2%D46+0.25 pps D29
	Tail	896	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	2,948	12.5	12.5ppg NPR (Poz A) / 5.0% D044+0.2% D046+ 3.0% D020 + 0.75% D112 + 0.5% D182 + 0.27 PPS D029 + 0.35% D20 + 0.2% D065
	Tail	4,316	13.0	13.0 PPG Poz "G" - Rockies Correct / 4.2% D044 + 23.6% D178+ 2.0% D020 + 0.30% D182 + 0.50% D112 +0.02% D201% +0.2% D065+ 0.1% D046 + 0.2 % D029 + 0.10% D065+7.9% D035

Perforations

Stage 1

Date	From	To	Shots
02/02/2012	7,654	7,655	3
	7,638	7,639	3
	7,574	7,575	3
	7,556	7,557	3
	7,538	7,539	3
	7,520	7,521	3
	7,480	7,481	3
	7,472	7,473	3
	7,442	7,443	3
	7,416	7,417	3

Stage 10

Date	From	To	Shots
02/14/2012	4,806	4,807	3
	4,800	4,801	3
	4,794	4,795	3
	4,732	4,733	3
	4,704	4,705	3
	4,690	4,691	3
	4,682	4,683	3
	4,670	4,671	3
	4,658	4,659	3
	4,640	4,641	3

Stage 2

Date	From	To	Shots
02/04/2012	7,364	7,365	3
	7,358	7,359	3
	7,352	7,353	3
	7,336	7,337	3
	7,300	7,301	3
	7,246	7,247	3
	7,194	7,195	3
	7,154	7,155	3
	7,148	7,149	3
	7,074	7,075	3

Stage 3

Date	From	To	Shots
02/06/2012	6,978	6,979	3
	6,974	6,975	3
	6,932	6,933	3
	6,924	6,925	3
	6,904	6,905	3
	6,870	6,871	3
	6,802	6,803	3
	6,770	6,771	3
	6,718	6,719	3
	6,710	6,711	3

Stage 4

Date	From	To	Shots
02/06/2012	6,690	6,691	3
	6,684	6,685	3
	6,678	6,679	3
	6,656	6,657	3
	6,604	6,605	3
	6,560	6,561	3
	6,552	6,553	3
	6,480	6,481	3
	6,468	6,469	3
	6,458	6,459	3

Stage 5

Date	From	To	Shots
02/07/2012	6,358	6,359	3
	6,352	6,353	3
	6,346	6,347	3
	6,280	6,281	3
	6,272	6,273	3
	6,256	6,257	3
	6,232	6,233	3
	6,216	6,217	3
	6,196	6,197	3
	6,136	6,137	3

Stage 6

Date	From	To	Shots
02/08/2012	6,102	6,103	3
	6,094	6,095	3
	6,078	6,079	3
	6,066	6,067	3
	6,042	6,043	3
	6,022	6,023	3
	6,004	6,005	3
	5,958	5,959	3
	5,916	5,917	3
	5,910	5,911	3

Stage 7

Date	From	To	Shots
02/09/2012	5,854	5,855	3
	5,832	5,833	3
	5,812	5,813	3
	5,762	5,763	3
	5,710	5,711	3
	5,664	5,665	3
	5,630	5,631	3
	5,608	5,609	3
	5,558	5,559	3
	5,524	5,525	3

Stage 8

Date	From	To	Shots
02/10/2012	5,440	5,441	3
	5,436	5,437	3
	5,400	5,401	3
	5,380	5,381	3
	5,344	5,345	3
	5,334	5,335	3
	5,320	5,321	3
	5,256	5,257	3
	5,246	5,247	3
	5,220	5,221	3

Stage 9

Date	From	To	Shots
02/11/2012	5,072	5,073	3
	5,062	5,063	3
	5,038	5,039	3
	5,028	5,029	3
	4,990	4,991	3
	4,970	4,971	3
	4,916	4,917	3
	4,888	4,889	3
	4,870	4,871	3
	4,864	4,865	3

Frac Summary

Stage 1 : 7,416 - 7,655, 30 - 0.420" shots, 13715 bbls of Slickwater Report Date: 02/04/2012
Stage 2 : 7,074 - 7,365, 30 - 0.420" shots, 10716 bbls of Slickwater Report Date: 02/06/2012
Stage 3 : 6,710 - 6,979, 30 - 0.420" shots, 9429 bbls of Slickwater Report Date: 02/06/2012
Stage 4 : 6,458 - 6,691, 30 - 0.420" shots, 18000 bbls of Slickwater Report Date: 02/07/2012
Stage 5 : 6,136 - 6,359, 30 - 0.420" shots, 17001 bbls of Slickwater Report Date: 02/08/2012
Stage 6 : 5,910 - 6,103, 30 - 0.420" shots, 23713 bbls of Slickwater Report Date: 02/09/2012
Stage 7 : 5,524 - 5,855, 30 - 0.420" shots, 28290 bbls of Slickwater Report Date: 02/10/2012
Stage 8 : 5,220 - 5,441, 30 - 0.420" shots, 23427 bbls of Slickwater Report Date: 02/11/2012
Stage 9 : 4,864 - 5,073, 24142 bbls of Slickwater Report Date: 02/13/2012
Stage 10 : 4,640 - 4,807, 30 - 0.420" shots, 15427 bbls of Slickwater Report Date: 02/14/2012