Downhole Schematic for N Parachute WF04B-25 H26 596

ENCANA

Project : North Piceance | API # : 05045190400000 | Surface Location : SENE Sec 26 T5S - R96W 6th PM

Area : N Parachute | County : | BHL : NWNW-25-5S-96 W 6th PM

As Of : | GL : 6094.3 ft | KB to GL : ft | KB : 0.0 ft

Set @ 178

TOC @ 1387

Set @ 1736

Stage 13

Stage 12

Stage 11

Stage 10

Stage 9

Stage 8

Stage 7

Stage 6

Stage 5

Stage 4

Stage 3

Stage 2

Stage 1

Set @ 9862

PBTD @ 9837

TD @ 9890

Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000	16	0	178	178			Line Pipe
Surface	12.250		0	1,736	2	LT&C	J-55	Shoe
		9.625	36	1,735	42	LT&C	J-55	Casing
			0	1,692	2	LT&C	J-55	Float Collar
		9.625	36	1,691	1,663	LT&C	J-55	Casing
		9.625	36	28	5	LT&C	J-55	Mandrel
		9.625	36	23	27	LT&C	J-55	Landing Jt
Production	8.750	5	0	9,862	2	Butt	M-80	Shoe
		4.5	11.6	9,861	22	Butt	S-80	Shoe Jnt
		5	0	9,839	2	Butt	M-80	Float Collar
		4.5	11.6	9,837	1,458	Butt	S-80	Casing
		4.5	11.6	8,379	22	Butt	S-90	Casing Maker
		4.5	11.6	8,357	2,247	Butt	S-80	Casing
		4.5	11.6	6,110	22	Butt	S-90	Casing Maker
		4.5	11.6	6,088	5,087	Butt	S-80	Casing
		4.5	11.6	1,001	21	Butt	S-80	Casing Marker
		4.5	11.6	980	984	Butt	S-80	Casing

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Surface	Lead	0	12.5	Class G / +2%D079+0.2%D046+0.25lb/sk D029
	Tail	1,207	14.0	Class G / +1.0%D079+0.2%D046+0.250lb/skD029
Conductor	Lead	0	13.0	Control Set C /
Production	Scavenger	0	11.8	MUDPUSH II / 30 bbl 100# +D182
	Lead	1,387	12.5	12.5ppg NPR (Poz/G) / +5.0% D044+0.2% D046+ 2.0%D079+1.2%D013+0.250lb/skD029+0.5%D182
	Tail	4,964	13.0	13.0ppg Rockies Correct(PozA) / +3%D020+0.2%D046+0.2%D065+0.75%D112+35.0%D178+0.4%D201+5.0%D044+0.25lb/skD029+0.5%D182

Perforations

Stage 1

Date	From	To	Shots
11/04/2011	9,669	9,670	3
	9,658	9,659	3
	9,632	9,633	3
	9,603	9,604	3
	9,596	9,597	3
	9,583	9,584	3
	9,574	9,575	3
	9,567	9,568	3
	9,527	9,528	3
	9,511	9,512	3

Stage 10

Date	From	To	Shots
11/14/2011	7,298	7,299	3
	7,275	7,276	3
	7,257	7,258	3
	7,246	7,247	3
	7,220	7,221	3
	7,194	7,195	3
	7,136	7,137	3
	7,120	7,121	3
	7,084	7,085	3
	7,077	7,078	3

Stage 11

Date	From	To	Shots
11/14/2011	7,062	7,063	3
	7,046	7,047	3
	7,030	7,031	3
	7,020	7,021	3
	6,987	6,988	3
	6,955	6,956	3
	6,892	6,893	3
	6,848	6,849	3
	6,838	6,839	3
	6,824	6,825	3

Stage 12

Date	From	To	Shots
11/15/2011	6,770	6,771	3
	6,750	6,751	3
	6,718	6,719	3
	6,703	6,704	3
	6,690	6,691	3
	6,610	6,611	3
	6,590	6,591	3
	6,575	6,576	3
	6,562	6,563	3
	6,550	6,551	3

Stage 13

Date	From	To	Shots
11/15/2011	6,486	6,487	3
	6,470	6,471	3
	6,454	6,455	3
	6,434	6,435	3
	6,422	6,423	3
	6,404	6,405	3
	6,380	6,381	3
	6,260	6,261	3
	6,245	6,246	3
	6,180	6,181	3

Stage 2

Date	From	To	Shots
11/09/2011	9,439	9,440	3
	9,430	9,431	3
	9,422	9,423	3
	9,407	9,408	3
	9,376	9,377	3
	9,341	9,342	3
	9,316	9,317	3
	9,275	9,276	3
	9,268	9,269	3
	9,263	9,264	3

Stage 3

Date	From	To	Shots
11/09/2011	9,210	9,211	3
	9,190	9,191	3
	9,150	9,151	3
	9,135	9,136	3
	9,115	9,116	3
	9,061	9,062	3
	9,046	9,047	3
	9,022	9,023	3
	9,010	9,011	3
	8,993	8,994	3

Stage 4

Date	From	To	Shots
11/10/2011	8,873	8,874	3
	8,864	8,865	3
	8,827	8,828	3
	8,807	8,808	3
	8,792	8,793	3
	8,780	8,781	3
	8,754	8,755	3
	8,667	8,668	3
	8,626	8,627	3
	8,620	8,621	3

Stage 5

Date	From	To	Shots
11/10/2011	8,452	8,453	3
	8,423	8,424	3
	8,386	8,387	3
	8,350	8,351	3
	8,312	8,313	3
	8,294	8,295	3
	8,277	8,278	3
	8,255	8,256	3
	8,238	8,239	3
	8,216	8,217	3

Stage 6

Date	From	To	Shots
11/11/2011	8,172	8,173	3
	8,157	8,158	3
	8,098	8,099	3
	8,077	8,078	3
	8,056	8,057	3
	8,044	8,045	3
	8,000	8,001	3
	7,991	7,992	3
	7,982	7,983	3
	7,968	7,969	3

Stage 7

Date	From	To	Shots
11/11/2011	7,896	7,897	3
	7,871	7,872	3
	7,864	7,865	3
	7,845	7,846	3
	7,835	7,836	3
	7,827	7,828	3
	7,818	7,819	3
	7,789	7,790	3
	7,778	7,779	3
	7,769	7,770	3

Stage 8

Date	From	To	Shots
11/12/2011	7,750	7,751	3
	7,736	7,737	3
	7,716	7,717	3
	7,694	7,695	3
	7,684	7,685	3
	7,670	7,671	3
	7,642	7,643	3
	7,611	7,612	3
	7,596	7,597	3
	7,575	7,576	3

Stage 9

Date	From	To	Shots
11/12/2011	7,558	7,559	3
	7,516	7,517	3
	7,505	7,506	3
	7,464	7,465	3
	7,426	7,427	3
	7,400	7,401	3
	7,388	7,389	3
	7,357	7,358	3
	7,345	7,346	3
	7,335	7,336	3

Frac Summary

Stage 1 : 9,511 - 9,670, 30 - 0.420" shots, 3228 bbls of Slickwater Report Date: 11/09/2011
Stage 2 : 9,263 - 9,440, 30 - 0.420" shots, 5316 bbls of Slickwater Report Date: 11/09/2011
Stage 3 : 8,993 - 9,211, 30 - 0.420" shots, 3692 bbls of Slickwater Report Date: 11/10/2011
Stage 4 : 8,620 - 8,874, 30 - 0.420" shots, 7097 bbls of Slickwater Report Date: 11/10/2011
Stage 5 : 8,216 - 8,453, 30 - 0.420" shots, 6400 bbls of Slickwater Report Date: 11/11/2011
Stage 6 : 7,968 - 8,173, 30 - 0.420" shots, 6091 bbls of Slickwater Report Date: 11/11/2011
Stage 7 : 7,769 - 7,897, 30 - 0.420" shots, 6245 bbls of Slickwater Report Date: 11/12/2011
Stage 8 : 7,575 - 7,751, 30 - 0.420" shots, 6480 bbls of Slickwater Report Date: 11/12/2011
Stage 9 : 7,335 - 7,559, 30 - 0.420" shots, 5936 bbls of Slickwater Report Date: 11/14/2011
Stage 10 : 7,077 - 7,299, 30 - 0.420" shots, 6635 bbls of Slickwater Report Date: 11/14/2011
Stage 11 : 6,824 - 7,063, 30 - 0.420" shots, 7094 bbls of Slickwater Report Date: 11/15/2011
Stage 12 : 6,550 - 6,771, 30 - 0.420" shots, 10348 bbls of Slickwater Report Date: 11/15/2011
Stage 13 : 6,180 - 6,487, 30 - 0.420" shots, 15374 bbls of Slickwater Report Date: 11/17/2011