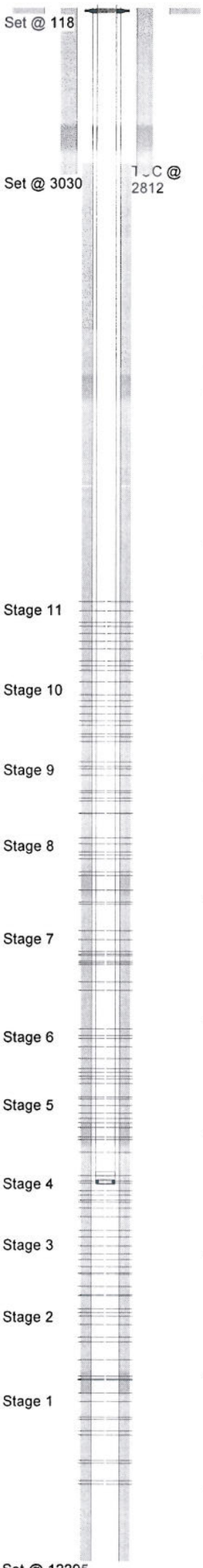
Downhole Schematic for SGU 8502A-36 B36 496

ENCANA

Project : North Piceance | API # : 05045198260000 | Surface Location : Lot2 Sec 36 T4S - R96W 6th PM

Area : Story Gulch | County : | BHL : Lot 2-36-4S-96 W 6th PM

As Of : 09/12/2011 | GL : 8352.0 ft | KB to GL : 22.0 ft | KB : 8374.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	30.000	20	0	118	118			Line Pipe
Surface	14.750		0	3,030	2	LT&C		Float Shoe
		9.625	36	3,030	44	LT&C		Casing
			0	3,030	2	LT&C		Float Collar
		9.625	36	3,030	132	LT&C		Casing
			0	3,030	2	LT&C		Parasite Sub
		9.625	36	3,030	1,496	LT&C		Casing
			0	3,030	2	LT&C		Port Collar
		9.625	36	3,030	1,318	LT&C		Casing
		9.625	36	3,030	6	LT&C		Pup & Mandral
		9.625	36	3,030	27	LT&C		Landing Jt.
Production	7.875	5.0	0	12,295	2	Butt	P-110	Guide Shoe
		4.5	11.6	12,294	21	Butt	P-110	Short Jt. A
		5.0	0	12,272	2	Butt	P-110	Float Collar
		4.5	11.6	12,271	1,475	Butt	P-110	Casing
		4.5	11.6	10,795	22	Butt	P-110	Marker jt B
		4.5	11.6	10,773	2,644	Butt	P-110	Casing
		4.5	11.6	8,129	21	Butt	P-110	Marker Jt C
		4.5	11.6	8,108	8,111	Butt	P-110	Casing

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Production	Scavenger	0	9.8	50 bbls MudPush / 47bblsH2O=4360lbD031+260lbsD182+5500lbsD024
	Lead	2,812	12.0	12 TXI / D049+1%D79+0.1%D112+0.8%D13+0.5%D46+0.25lb/sk D029
	Tail	7,773	13.0	13.0ppg Rockies Correct GMS / +35%D178+5%D044+3%D020+0.4%D182+0.75D112+0.30%D201+0.2D065+0.2%D046+0.25ppsD029
Conductor	Lead	0	13.0	Control set C /
Surface	Lead	0	8.6	Mud Push II / 49 water+250 lbsD182+1372 lbs D031
	Lead	0	9.0	9.0 LiteCRETE / LiteCRETE blend=0.8%D079+0.8%D065+0.5%D013+0.2%D046+0.25ppsD029

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	22.00	22.00	KB
7.063	0.80	22.80	7 1/16" Woodgroup
3.063	10,626.00	10,648.90	339 jts. 2 3/8" L80 4.7# USA Tenaris tbg.
3.063	1.10	10,650.00	2 3/8" flag nipple
3.063	31.67	10,681.60	1 jt. 2 3/8" L80 4.7# USA Tenaris tbg.
3.063	1.10	10,682.70	2 3/8" Seating nipple
3.063	10.10	10,692.80	2 3/8" L80 pup jt.

Perforations

Stage 1

Date	From	To	Shots
07/29/2011	11,967	11,968	3
	11,951	11,952	3
	11,878	11,879	3
	11,867	11,868	3
	11,759	11,760	3
	11,741	11,742	3
	11,693	11,694	3
	11,683	11,684	3
	11,616	11,617	3
	11,581	11,582	3

Stage 10

Date	From	To	Shots
08/17/2011	8,843	8,844	3
	8,822	8,823	3
	8,810	8,811	3
	8,774	8,775	3
	8,755	8,756	3
	8,726	8,727	3
	8,695	8,696	3
	8,672	8,673	3
	8,646	8,647	3
	8,592	8,593	3

Stage 11

Date	From	To	Shots
08/30/2011	8,544	8,545	3
	8,525	8,526	3
	8,505	8,506	3
	8,455	8,456	3
	8,423	8,424	3
	8,390	8,391	3
	8,360	8,361	3
	8,343	8,344	3
	8,294	8,295	3
	8,257	8,258	3

Stage 2

Date	From	To	Shots
08/02/2011	11,526	11,527	3
	11,522	11,523	3
	11,510	11,511	3
	11,440	11,441	3
	11,364	11,365	3
	11,343	11,344	3
	11,291	11,292	3
	11,255	11,256	3
	11,241	11,242	3
	11,225	11,226	3

Stage 3

Date	From	To	Shots
08/09/2011	11,171	11,172	3
	11,166	11,167	3
	11,132	11,133	3
	11,079	11,080	3
	11,074	11,075	3
	11,048	11,049	3
	11,017	11,018	3
	10,994	10,995	3
	10,960	10,961	3
	10,922	10,923	3

Stage 4

Date	From	To	Shots
08/10/2011	10,896	10,897	3
	10,838	10,839	3
	10,801	10,802	3
	10,777	10,778	3
	10,768	10,769	3
	10,746	10,747	3
	10,728	10,729	3
	10,697	10,698	3
	10,687	10,688	3
	10,665	10,666	3

Stage 5

Date	From	To	Shots
08/11/2011	10,566	10,567	3
	10,512	10,513	3
	10,502	10,503	3
	10,462	10,463	3
	10,442	10,443	3
	10,424	10,425	3
	10,402	10,403	3
	10,370	10,371	3
	10,342	10,343	3
	10,333	10,334	3

Stage 6

Date	From	To	Shots
08/12/2011	10,276	10,277	3
	10,257	10,258	3
	10,247	10,248	3
	10,229	10,230	3
	10,213	10,214	3
	10,172	10,173	3
	10,122	10,123	3
	10,086	10,087	3
	10,075	10,076	3
	10,047	10,048	3

Stage 7

Date	From	To	Shots
08/15/2011	9,886	9,887	3
	9,850	9,851	3
	9,778	9,779	3
	9,772	9,773	3
	9,765	9,766	3
	9,740	9,741	3
	9,733	9,734	3
	9,724	9,725	3
	9,674	9,675	3
	9,636	9,637	3

Stage 8

Date	From	To	Shots
08/15/2011	9,525	9,526	3
	9,515	9,516	3
	9,466	9,467	3
	9,405	9,406	3
	9,389	9,390	3
	9,335	9,336	3
	9,320	9,321	3
	9,306	9,307	3
	9,272	9,273	3
	9,247	9,248	3

Stage 9

Date	From	To	Shots
08/16/2011	9,145	9,146	3
	9,143	9,144	3
	9,091	9,092	3
	9,080	9,081	3
	9,057	9,058	3
	9,048	9,049	3
	8,983	8,984	3
	8,958	8,959	3
	8,947	8,948	3
	8,927	8,928	3

Frac Summary

Stage 1 : 11,581 - 11,968, 30 - 0.420" shots, 11244 bbls of Slickwater, 77400 lbs of 100 Sand Report Date: 08/02/2011

Stage 2 : 11,225 - 11,527, 30 - 0.420" shots, 10136 bbls of Slickwater, 68700 lbs of 100 Sand Report Date: 08/09/2011

Stage 3 : 10,922 - 11,172, 30 - 0.420" shots, 7974 bbls of Slickwater, 53300 lbs of 100 Sand Report Date: 08/10/2011

Stage 4 : 10,665 - 10,897, 30 - 0.420" shots, 10255 bbls of Slickwater, 69350 lbs of 100 Sand Report Date: 08/11/2011

Stage 5 : 10,333 - 10,567, 30 - 0.420" shots, 11660 bbls of Slickwater, 79330 lbs of 100 Sand Report Date: 08/12/2011

Stage 6 : 10,047 - 10,277, 30 - 0.420" shots, 15389 bbls of Slickwater, 105300 lbs of 100 Sand Report Date: 08/13/2011

Stage 7 : 9,636 - 9,887, 30 - 0.420" shots, 8235 bbls of Slickwater, 55300 lbs of 100 Sand Report Date: 08/15/2011

Stage 8: 9247-9526, 30-0.420" shots, 15,370 bbls of slickwater, 105,300 lbs of 100 Sand
Stage 9: 8927-9146, 30-0.420" shots, 11,560 bbls of slickwater, 78,650 lbs of 100 Sand
Stage 10: 8592-8844, 30-0.420" shots. 17,470 bbls of Slickwater, 119,600 lbs of 100 Sand
Stage 11: 8257-8545, 30-0.420" shots, 16,414 bbls of Slickwater, 113,000 lbs of 100 Sand