

Downhole Schematic for N Parachute EF14B D28 595



Project : North Piceance

API # : 05045116260000

Surface Location : NW/NW Sec 28 T5S - R95W 6th F

Area : N Parachute

County : GARFIELD

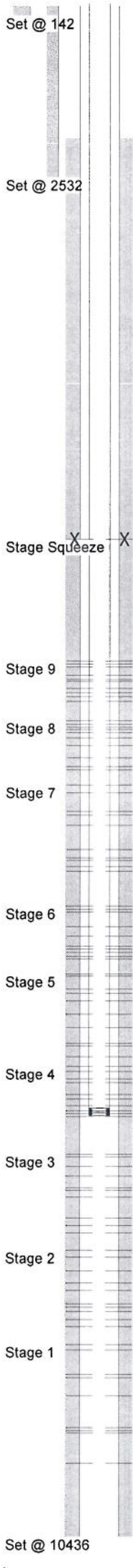
BHL : SESW-28-5S-95 W 6th PM

As Of : 10/24/2007

GL : 6194.0 ft

KB to GL : 22.0 ft

KB : 6216.0 ft



Casing Details								
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	20.000	20	0	142	142			COND. PIPE
Surface	12.250	9.625	0	2,532	2	LT&C		SHOE
		9.625	36	2,531	41	LT&C	J-55	CASING
		9.625	0	2,490	2	LT&C		FLOAT COLLAR
		9.625	36	2,488	2,458	LT&C	J-55	CASING
		9.625	36	30	4	LT&C	J-55	WELL HEAD
	9.625	36	26	27	LT&C	J-55	LANDING JT.	
Production	7.875	4.5	0	10,436	1	LT&C		FLOAT SHOE
		4.5	11.6	10,435	45	LT&C	I-100	CASING
		4.5	0	10,390	2	LT&C		FLOAT COLLAR
		4.5	11.6	10,389	131	LT&C	I-100	CASING
		4.5	11.6	10,257	1,307	LT&C	I-80	CASING
		4.5	11.6	8,951	21	LT&C	I-80	MARKER JOINT
		4.5	11.6	8,930	2,407	LT&C	I-80	CASING
		4.5	11.6	6,523	21	LT&C	I-80	MARKER JOINT
		4.5	11.6	6,501	5,184	LT&C	I-80	CASING
		4.5	11.6	1,317	1,285	LT&C	I-100	CASING
	4.5	11.6	32	5	LT&C	I-100	MANDREL HANGER	
	4.5	11.6	27	27	LT&C	I-100	LANDING JOINT	

Cement Details				
Section	Sequence	Top	Density	Blend / Additives
Conductor	Lead	0	0.0	REDI MIX /
Surface	Scavenger	0	8.3	water / CW7
	Lead	0	12.7	see atchments / POZ/G
	Tail	2,028	15.8	see atchments / G
Production	Scavenger	1,949	11.0	/
	Lead	2,333	11.5	G cement / D44, 12% d20, 1% D79, .9% D13
	Tail	5,597	13.5	TXI cement / .4% D165, .5% D65, 35% D66, .2% D13

Tubing and Downhole Equipment			
O.D.	Length	Depth	Description
0.000	21.00	0.00	KB
2.375	8,720.65	8,741.65	277 JTS 2 3/8 TBG
2.375	1.20	8,742.85	X NIPPLE
2.375	10.22	8,753.07	10' TBG SUB
2.375	1.28	8,754.35	XN NIPPLE
2.375	10.05	8,764.40	10' TBG SUB

Perforations					
Stage	Date	From	To	Shots	
Stage 1	09/15/2007	10,146	10,147	3	8,288
		10,026	10,027	3	8,272
		10,016	10,017	3	8,220
		10,004	10,005	3	8,212
		9,878	9,879	3	8,289
Stage 6	09/19/2007	8,153	8,154	3	8,273
		8,144	8,145	3	8,221
		8,127	8,128	3	8,213
		8,114	8,115	3	
		8,104	8,105	3	
Stage 2	09/17/2007	9,603	9,604	3	8,104
		9,574	9,575	3	8,064
		9,542	9,543	3	8,026
		9,526	9,527	3	8,027
		9,512	9,513	3	7,970
Stage 7	09/19/2007	9,460	9,461	3	7,971
		9,430	9,431	3	7,960
		9,382	9,383	3	7,946
		9,329	9,330	3	
		9,302	9,303	3	
Stage 3	09/18/2007	9,234	9,235	3	8,104
		9,206	9,207	3	8,064
		9,176	9,177	3	8,026
		9,094	9,095	3	8,027
		9,068	9,069	3	7,970
Stage 4	09/18/2007	8,776	8,777	3	7,971
		8,764	8,765	3	7,960
		8,752	8,753	3	7,946
		8,732	8,733	3	
		8,706	8,707	3	
Stage 5	09/19/2007	8,688	8,689	3	8,104
		8,640	8,641	3	8,064
		8,626	8,627	3	8,026
		8,596	8,597	3	8,027
		8,576	8,577	3	7,970
Stage 8	09/20/2007	7,410	7,411	3	7,971
		7,396	7,397	3	7,960
		7,363	7,364	3	7,946
		7,314	7,315	3	
		7,284	7,285	3	
Stage 9	09/21/2007	7,263	7,264	3	8,104
		7,250	7,251	3	8,064
		7,242	7,243	3	8,026
		7,230	7,231	3	8,027
		7,216	7,217	3	7,970
Stage Squeeze	09/22/2007	6,504	6,506	6	7,971
					7,960
					7,946

Frac Summary
 Stage 1 : 9,674 - 10,147, 27 - 0.430" shots, 1878 bbbls of Slickwater, 71826 lbs of 30-50 Sand Report Date: 09/17/2007
 Stage 2 : 9,302 - 9,604, 30 - 0.420" shots, 1527 bbbls of Slickwater, 42287 lbs of 30-50 Sand Report Date: 09/18/2007
 Stage 3 : 8,924 - 9,235, 30 - 0.420" shots, 1953 bbbls of Slickwater, 71011 lbs of 30-50 Sand Report Date: 09/18/2007
 Stage 4 : 8,576 - 8,777, 30 - 0.420" shots, 3522 bbbls of Slickwater, 132398 lbs of 20-40 Sand Report Date: 09/19/2007
 Stage 5 : 8,212 - 8,539, 30 - 0.420" shots, 2239 bbbls of Slickwater, 74396 lbs of 20-40 Sand Report Date: 09/19/2007
 Stage 6 : 7,946 - 8,154, 30 - 0.420" shots, 2376 bbbls of Slickwater, 80038 lbs of 20-40 Sand Report Date: 09/19/2007
 Stage 7 : 7,469 - 7,811, 30 - 0.420" shots, 1690 bbbls of Slickwater, 48881 lbs of 20-40 Sand Report Date: 09/20/2007
 Stage 8 : 7,216 - 7,411, 30 - 0.420" shots, 2585 bbbls of Slickwater, 92114 lbs of 20-40 Sand Report Date: 09/20/2007
 Stage 9 : 6,982 - 7,141, 30 - 0.420" shots, 2991 bbbls of Slickwater, 114139 lbs of 20-40 Sand Report Date: 09/21/2007
 Stage Squeeze : No Frac

Cement Squeeze			
Squeeze #	Date	From	To
1	09/22/2007	6,504	6,506
			Holes 6
			# Sacks 200