

# Downhole Schematic for CP02D-21 G21 595



Project :North Piceance

API # :05045151630000

Surface Location :SWNE Sec 21 T5S - R96W 6th PI

Area : N Parachute

County :

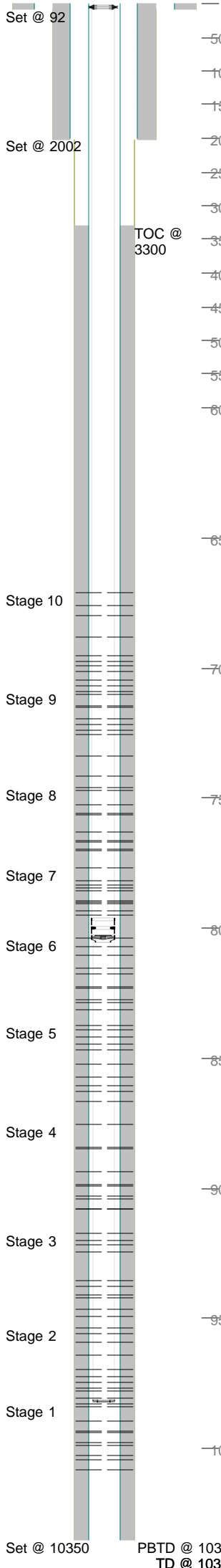
BHL : NWNE-21-5S-96 W 6th PM

As Of : 03/13/2012

GL : 7972.0 ft

KB to GL : 17.0 ft

KB : 7989.0 ft



### Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000	20	0	92	92			Conductor
Surface	14.750	9.625	36	2,002	2,002		J-55	Surface
Production	8.750	4.5	13.5	10,350	10,350		P-110	BT&C Production

### Cement Details

Section	Sequence	Top	Density	Blend / Additives
Conductor	Lead	0	0.0	/
Surface	Fill	0	0.0	Top Job #3 /
	Fill	400	0.0	Top Job #2 /
	Fill	700	0.0	Top Job #1 /
	Lead	1,000	0.0	/
	Tail	1,500	0.0	/
Production	Lead	3,300	0.0	/

### Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	22.00	22.00	KB
3.889	0.83	22.83	4-1/16" GE tbg Hanger
3.060	7,937.46	7,960.29	245jts. 2-3/8 4.7# L80 HuSteel tbg Korean
3.060	1.11	7,961.40	2-3/8" flag nipple
3.060	32.60	7,994.00	1 jt. 4.7# L80 HuSteel tbg
3.060	1.11	7,995.11	2-3/8" Seating nipple
3.060	32.63	8,027.74	1 jt. 4.7# L80 HuSteel tbg
3.060	0.79	8,028.53	Magnum burst disc
3.060	10.00	8,038.53	10ft 2-3/8" P110 slotted pup jt.
3.060	1.57	8,040.10	2 3/8" EUE Box to 2 7/8" FL-2 Pin.
2.875	1,771.51	9,811.61	54 jts. 2 7/8" J55 6.16# FJ (FL-2 thread)
2.875	0.57	9,812.18	2-7/8" Bull Plug (FL-2 Box) = EOT

### Perforations

Stage	Date	From	To	Shots	Stage	Date	From	To	Shots
Stage 1	01/16/2012	10,081	10,082	3	Stage 5	01/18/2012	8,668	8,669	3
		10,044	10,045	3			8,626	8,627	3
		10,026	10,027	3			8,603	8,604	3
		9,986	9,987	3			8,572	8,573	3
		9,977	9,978	3			8,524	8,525	3
		9,938	9,939	3			8,467	8,468	3
		9,932	9,933	3			8,448	8,449	3
		9,897	9,898	3			8,416	8,417	3
		9,842	9,843	3			8,391	8,392	3
		9,831	9,832	3			8,374	8,375	3
Stage 10	01/22/2012	7,066	7,067	3	Stage 6	01/18/2012	8,314	8,315	3
		7,046	7,047	3			8,288	8,289	3
		7,014	7,015	3			8,277	8,278	3
		6,994	6,995	3			8,231	8,232	3
		6,974	6,975	3			8,223	8,224	3
		6,951	6,952	3			8,176	8,177	3
		6,881	6,882	3			8,156	8,157	3
		6,800	6,801	3			8,107	8,108	3
		6,762	6,763	3			8,069	8,070	3
		6,712	6,713	3			8,036	8,037	3
Stage 2	01/18/2012	9,808	9,809	3	Stage 7	01/20/2012	7,948	7,949	3
		9,778	9,779	3			7,934	7,935	3
		9,770	9,771	3			7,906	7,907	3
		9,745	9,746	3			7,900	7,901	3
		9,725	9,726	3			7,894	7,895	3
		9,696	9,697	3			7,854	7,855	3
		9,644	9,645	3			7,848	7,849	3
		9,592	9,593	3			7,833	7,834	3
		9,558	9,559	3			7,816	7,817	3
		9,536	9,537	3			7,766	7,767	3
Stage 3	01/18/2012	9,492	9,493	3	Stage 8	01/20/2012	7,704	7,705	3
		9,467	9,468	3			7,697	7,698	3
		9,423	9,424	3			7,668	7,669	3
		9,409	9,410	3			7,662	7,663	3
		9,375	9,376	3			7,631	7,632	3
		9,356	9,357	3			7,564	7,565	3
		9,245	9,246	3			7,557	7,558	3
		9,219	9,220	3			7,524	7,525	3
		9,200	9,201	3			7,470	7,471	3
		9,171	9,172	3			7,461	7,462	3
Stage 4	01/18/2012	9,082	9,083	3	Stage 9	01/21/2012	7,414	7,415	3
		9,077	9,078	3			7,341	7,342	3
		9,040	9,041	3			7,258	7,259	3
		9,032	9,033	3			7,239	7,240	3
		8,993	8,994	3			7,215	7,216	3
		8,988	8,989	3			7,198	7,199	3
		8,936	8,937	3			7,154	7,155	3
		8,850	8,851	3			7,144	7,145	3
		8,843	8,844	3			7,101	7,102	3
		8,757	8,758	3			7,090	7,091	3

### Frac Summary

Stage 1 : 9,831 - 10,082, 30 - 0.420" shots, 2194 bbls of Slickwater Report Date: 01/18/2012
Stage 2 : 9,536 - 9,809, 30 - 0.420" shots, 10680 bbls of Slickwater Report Date: 12/30/1899
Stage 3 : 9,171 - 9,493, 30 - 0.420" shots, 7624 bbls of Slickwater Report Date: 01/19/2012
Stage 4 : 8,757 - 9,083, 30 - 0.420" shots, 8110 bbls of Slickwater Report Date: 01/19/2012
Stage 5 : 8,374 - 8,669, 30 - 0.420" shots, 8385 bbls of Slickwater Report Date: 01/19/2012
Stage 6 : 8,036 - 8,315, 30 - 0.420" shots, 17525 bbls of Slickwater Report Date: 01/20/2012
Stage 7 : 7,766 - 7,949, 30 - 0.420" shots, 11239 bbls of Slickwater Report Date: 01/20/2012
Stage 8 : 7,461 - 7,705, 30 - 0.420" shots, 11324 bbls of Slickwater Report Date: 01/21/2012
Stage 9 : 7,090 - 7,415, 30 - 0.420" shots, 14384 bbls of Slickwater Report Date: 01/22/2012
Stage 10 : 6,712 - 7,067, 30 - 0.420" shots, 18385 bbls of Slickwater Report Date: 01/22/2012

### Comments

54jts 2-7/8" FJ J55 6.16#  
Mfg: Husteel  
Made in Korea  
(FL-2 Thread)  
247jts 2-3/8" 4.7# L80 EUE Tbg Mfg:Husteel Made in Korea

Set @ 10350

PBTD @ 10330  
TD @ 10350