

Downhole Schematic for Federal 25-5A (PE25)



Project :South Piceance		API # :05045206710000		Surface Location :SWNW Sec 25 T7S - R96W 6th F						
Area :Parachute		County :GARFIELD		BHL :SWNW-25-7S-96 W 6th PM						
As Of : 04/27/2012		GL : 5396.2 ft		KB to GL : 22.0 ft		KB : 5418.2 ft				
Set @ 40	Casing Details									
	Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
	Conductor	26.000	16	42	40	40		A52A	Joint	
	Surface	12.250	9.625	36	1,128	2	LT&C	J-55	Float shoe	
			9.625	36	1,126	44	LT&C	J-55	Casing joint	
				0	1,082	0			Baffle plate insert	
			9.625	36	1,082	1,047	LT&C	J-55	Casing joint	
			9.625	36	36	2	LT&C	J-55	Casing pup	
			11	0	33	3			Wellhead	
			9.625	36	30	31	LT&C	J-55	Landing joint	
Set @ 1128	Production	8.750	4.5	11.6	5,955	1	Butt	L-80	Float Shoe	
			4.5	11.6	5,954	41	Butt	S-80	Prod. Csg	
			4.5	11.6	5,913	1	Butt	L-80	Float Collar	
			4.5	11.6	5,911	736	Butt	S-80	Prod. Csg	
			4.5	11.6	5,175	22	Butt	S-80	Marker Jnt	
			4.5	11.6	5,153	967	Butt	S-80	Prod. Csg	
			4.5	11.6	4,186	22	Butt	S-80	Marker Joint	
			4.5	11.6	4,164	4,129	Butt	S-80	Prod. Csg	
			4.5	11.6	35	3	Butt	P-110	Pup Jnt	
			11.00	0	32	2	LT&C		Mandrel Hngr	
4.5	11.6	30	31	LT&C	S-80	Landing Jnt				
Set @ 5955	Cement Details									
	Section	Sequence	Top	Density	Blend / Additives					
	Surface	Lead	0	12.5	G - cement / D079; 2.0% BWOB, D046; 0.2% BWOB, D029; 0.25 LB/SX					
		Tail	0	15.8	G - cement / S001; 1.0% BWOB, D046; 0.2% BWOB, D029; 0.25 LB/SX					
	Production	Scavenger	451	9.4	MudPush II / 75 lb/gal D042+ 34.94 lb/bbl D031+ 5.0 lb/bbl D182					
	Tail	2,190	9.6	LiteCrete / 41.0 lb/sx D907 + 46.0 lb/sx D124 + 13.0 lb/sx D154 + 0.2% D065 + 0.3% D013 + 0.2% D046 + 0.25 lb/sx D029						
Conductor	Fill	0	0.0	4 yards redi mix /						
Stage 7	Tubing and Downhole Equipment									
	O.D.	Length	Depth	Description						
	0.000	20.00	20.00							
	4.063	0.87	20.87	4-1/16" WG 5k hanger						
	2.594	0.67	21.54	2-3/8" N-80 Saver Sub						
	2.375	4,987.60	5,009.14	152 jts of 2-3/8" 4.7# EUE J-55						
	3.063	0.97	5,010.11	1.81" I.D. "F" profile nipple						
	2.375	32.86	5,042.97	1 jt of 2-3/8" 4.7# EUE J-55						
	3.063	0.92	5,043.89	Top of POBS						
	3.750	1.21	5,911.00	Btm of POBS and 3-3/4" bit						
Stage 6	Perforations									
	Stage 1									
	Date	From	To	Shots						
	04/07/2012	5,680	5,681	3			4,852	4,853	3	
		5,668	5,669	3			4,834	4,835	3	
		5,644	5,645	3			4,780	4,781	3	
		5,620	5,621	3			4,746	4,747	3	
		5,606	5,607	3			4,730	4,731	3	
	Stage 5	04/18/2012	5,584	5,585	3					
			5,566	5,567	3					
5,520			5,521	3						
5,510			5,511	3						
4,594			4,595	3						
Stage 2	04/15/2012	4,564	4,565	3						
		4,528	4,529	3						
		4,504	4,505	3						
		4,490	4,491	3						
		4,450	4,451	3						
Stage 5	Stage 6									
	Date	From	To	Shots						
	04/19/2012	4,420	4,421	3						
		4,384	4,385	3						
		4,372	4,373	3						
		4,360	4,361	3						
		4,326	4,327	3						
	Stage 3	04/15/2012	4,298	4,299	3					
			4,246	4,247	3					
			4,198	4,199	3					
4,132			4,133	3						
4,096			4,097	3						
Stage 4	Stage 7									
	Date	From	To	Shots						
	04/20/2012	4,066	4,067	3						
		4,038	4,039	3						
		4,008	4,009	3						
		3,948	3,949	3						
		3,924	3,925	3						
	Stage 3	04/16/2012	3,908	3,909	3					
			3,884	3,885	3					
			4,962	4,963	3					
4,914			4,915	3						
4,900			4,901	3						
4,872	4,873	3								
Stage 2	Frac Summary									
	Stage 1 : 5,510 - 5,681, 27 - 0.340" shots, 6844 bbls of Slickwater Report Date: 04/12/2012									
	Stage 2 : 5,304 - 5,487, 27 - 0.340" shots, 9157 bbls of Slickwater Report Date: 04/15/2012									
	Stage 3 : 5,002 - 5,245, 27 - 0.340" shots, 10969 bbls of Slickwater Report Date: 04/16/2012									
	Stage 4 : 4,730 - 4,963, 27 - 0.340" shots, 10022 bbls of Slickwater Report Date: 04/18/2012									
	Stage 5 : 4,490 - 4,691, 27 - 0.340" shots, 10073 bbls of Slickwater Report Date: 04/19/2012									
	Stage 6 : 4,198 - 4,451, 27 - 0.340" shots, 8649 bbls of Slickwater, 1 lbs of 20-40 PR6000 Report Date: 04/20/2012									
	Stage 7 : 3,884 - 4,133, 27 - 0.340" shots, 12583 bbls of Slickwater Report Date: 04/21/2012									
	Comments									
	SIBHP 0 psi 4/27/12									
Stage 1										