



## FracPoint Space Out Diagram

Bonanza Creek State Antelope 12-42-2HNB



### Baker Oil Tools

Displacements	(BBLs)	(GALS)	Zone Length (ft)
Liner Top	218.12	9161.23	
Zone 25	3.750" EX	235.32	9883.43
Zone 24	3.625" EX	238.21	10004.69
Zone 23	3.500" EX	240.44	10098.36
Zone 22	3.375" EX	243.32	10219.54
Zone 21	3.250" EX	245.55	10313.24
Zone 20	3.125" EX	248.44	10434.52
Zone 19	3.000" EX	250.67	10528.17
Zone 18	2.875" EX	253.56	10649.42
Zone 17	2.750" EX	255.78	10742.90
Zone 16	2.625" EX	258.67	10864.21

Displacements	(BBLs)	(GALS)	Zone Length (ft)
Zone 15	2.500" EX	260.90	10957.89
Zone 14	2.438" EX	263.79	11079.14
Zone 13	2.375" EX	266.02	11172.75
Zone 12	2.313" EX	268.90	11294.01
Zone 11	2.250" EX	271.13	11387.50
Zone 10	2.188" EX	274.02	11508.79
Zone 9	2.125" EX	276.25	11602.44
Zone 8	2.063" EX	279.14	11723.69
Zone 7	2.000" EX	281.37	11817.34
Zone 6	1.938" EX	284.25	11938.65
Zone 5	1.875" EX	286.48	12032.34

Displacements	(BBLs)	(GALS)	Zone Length (ft)
Zone 4	1.813" EX	289.37	12153.63
Zone 3	1.750" EX	291.60	12247.28
Zone 2	1.688" EX	294.49	12368.54
Zone 1	1.625" EX	296.72	12462.21

Liner Top  
5,700.86

TVD  
6,225.00

Casing Shoe  
6,668.00

KOP  
5,720.00

Tool Specifications			
Component	OD	ID	dim
HMC/ZXP	5.875	4.000	in
RE's	5.750	4.000	in
Sleeves	5.625	Ball Seat	in

Casing Information	
7" 26# 110000 psi Casing	
Burst=	9,960 psi
Collapse=	6,230 psi
Capacity=	0.03826 bbls/ft

Liner Information	
4.5" 11.6# LTC 110000 psi Casing	
Burst=	10,690 psi
Collapse=	7,580 psi
Capacity=	0.01554 bbls/ft

### Composite Balls

Packer #25	Packer #24	Packer #23	Packer #22	Packer #21	Packer #20	Packer #19	Packer #18	Packer #17	Packer #16	Packer #15	Packer #14	Packer #13
6,716.27	6,902.07	7,045.46	7,231.25	7,374.62	7,560.43	7,703.92	7,889.61	8,033.04	8,218.64	8,362.13	8,547.93	8,691.39
Zone 25	Zone 24	Zone 23	Zone 22	Zone 21	Zone 20	Zone 19	Zone 18	Zone 17	Zone 16	Zone 15	Zone 14	
3.750" EX	3.625" EX	3.500" EX	3.375" EX	3.250" EX	3.125" EX	3.000" EX	2.875" EX	2.750" EX	2.625" EX	2.500" EX	2.438" EX	
6,807.17	6,992.91	7,136.41	7,322.03	7,465.57	7,651.35	7,794.80	7,980.54	8,123.74	8,309.56	8,453.07	8,638.81	
Sleeve Shift PSI:	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	
Max Rate Thru SLV:	100	100	100	100	100	100	100	100	100	100	100	

Packer #12	Packer #11	Packer #10	Packer #9	Packer #8	Packer #7	Packer #6	Packer #5	Packer #4	Packer #3	Packer #2	Packer #1	
8,877.02	9,020.51	9,206.02	9,349.52	9,535.30	9,678.71	9,864.51	10,008.01	10,193.83	10,337.32	10,523.07	10,666.55	
Zone 13	Zone 12	Zone 11	Zone 10	Zone 9	Zone 8	Zone 7	Zone 6	Zone 5	Zone 4	Zone 3	Zone 2	Zone 1
2.375" EX	2.313" EX	2.250" EX	2.188" EX	2.125" EX	2.063" EX	2.000" EX	1.938" EX	1.875" EX	1.813" EX	1.750" EX	1.688" EX	1.625" EX
8,782.20	8,967.95	9,111.17	9,296.97	9,440.42	9,626.16	9,769.61	9,955.44	10,098.96	10,284.76	10,428.22	10,613.97	10,757.45
2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286	2,286
100	100	100	100	90	90	80	70	65	60	55	50	50

Float Collar  
10,802.19

Float Shoe  
10,845.47

TD  
10,852.00