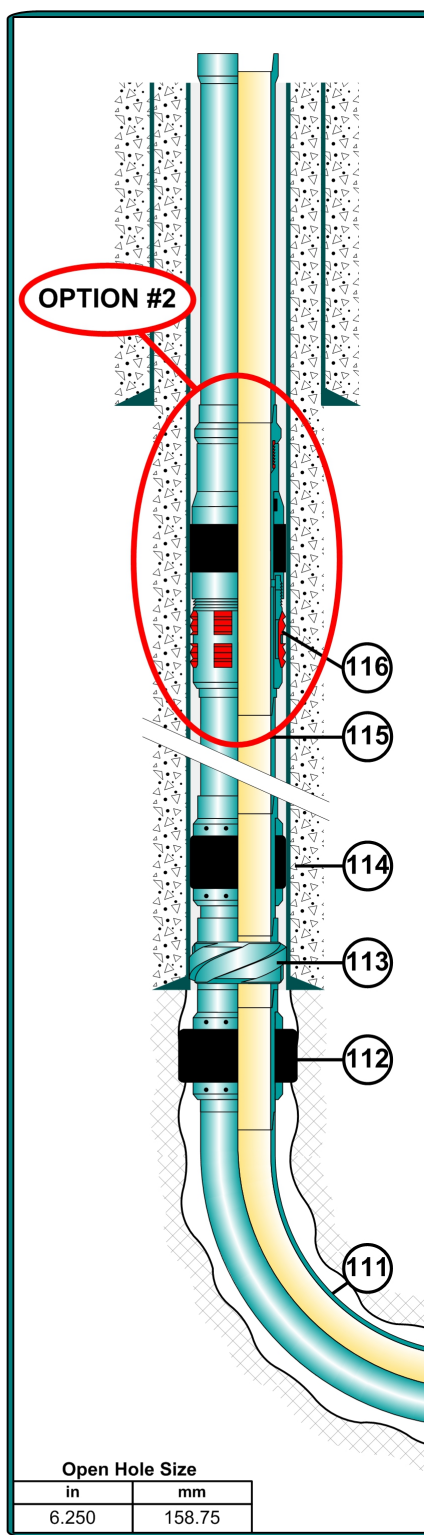


DOFS - 21 Stage Horizontal Open Hole Completion

Proposed Well Completion



OPTION #2



Company	Reference	Zone	Zone Length (ft)	Sleeve	Ball Size (in)	Seat Size (mm)	Depth (mKB)
DYNAMIC OILFIELD SERVICES, LLC		1	30	4" Valve or PO Sub	PO 1.500	PO 1.250	
		2	200	SF4500LTC	1.850	1.760	
		3	200	SF4500LTC	1.950	1.860	
		4	200	SF4500LTC	2.050	1.960	
		5	200	SF4500LTC	2.150	2.060	
		6	200	SF4500LTC	2.250	2.160	
		7	200	SF4500LTC	2.350	2.260	
		8	200	SF4500LTC	2.450	2.360	
		9	200	SF4500LTC	2.550	2.460	
		10	200	SF4500LTC	2.650	2.560	
		11	200	SF4500LTC	2.750	2.660	
		12	200	SF4500LTC	2.850	2.760	
		13	200	SF4500LTC	2.950	2.860	
		14	200	SF4500LTC	3.050	2.960	
		15	200	SF4500LTC	3.150	3.060	
		16	200	SF4500LTC	3.250	3.160	
		17	200	SF4500LTC	3.350	3.260	
		18	200	SF4500LTC	3.450	3.360	
		19	200	SF4500LTC	3.550	3.460	
		20	200	SF4500LTC	3.650	3.560	
		21	200	SF4500LTC	3.750	3.660	

Item	Description
OPTION #1:	STG 1; 4-1/2" Pump-Out Sub w/Bal Catcher, Up to 10 Pins, 580 PSI per Pin Open Pressure
OPTION #2:	4-1/2" x 7" Anchor w/Packer or w/o Packer

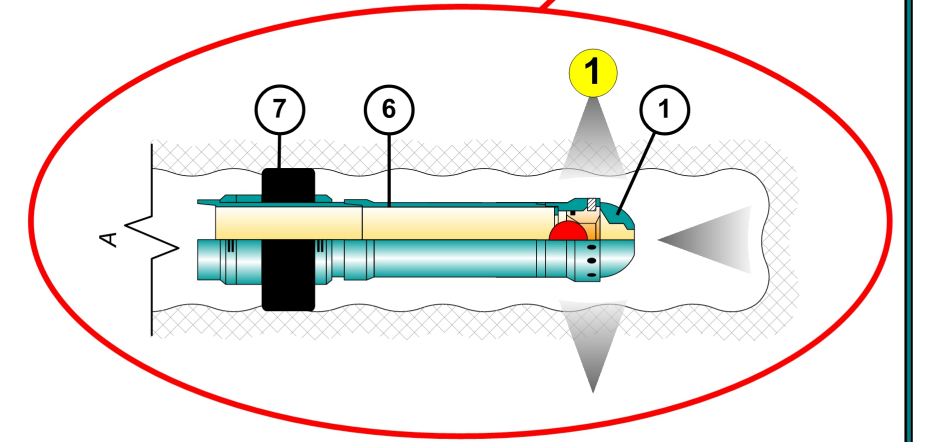
Item	Description	Item	Description
1	4-1/2" Float Shoe	20	Fluted Centralizers
2	4-1/2" Toe Circulating/Setting Sub, 4-1/2" LTC	21	4-1/2" Liner Casing as Required (Operator Supplied)
3	4-1/2" Liner Casing as Required (Operator Supplied)	22	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
4	STG 1; 4-1/2" Hyd Frac Initiation Valve, 4-1/2" 8RD LTC	23	4-1/2" Liner Casing as Required (Operator Supplied)
5	Fluted Centralizers	24	STG 5; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
6	4-1/2" Liner Casing as Required (Operator Supplied)	25	Fluted Centralizers
7	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	26	4-1/2" Liner Casing as Required (Operator Supplied)
8	4-1/2" Liner Casing as Required (Operator Supplied)	27	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
9	STG 2; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	28	4-1/2" Liner Casing as Required (Operator Supplied)
10	Fluted Centralizers	29	STG 6; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
11	4-1/2" Liner Casing as Required (Operator Supplied)	30	Fluted Centralizers
12	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	31	4-1/2" Liner Casing as Required (Operator Supplied)
13	4-1/2" Liner Casing as Required (Operator Supplied)	32	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
14	STG 3; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	33	4-1/2" Liner Casing as Required (Operator Supplied)
15	Fluted Centralizers	34	STG 7; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
16	4-1/2" Liner Casing as Required (Operator Supplied)	35	Fluted Centralizers
17	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	36	4-1/2" Liner Casing as Required (Operator Supplied)
18	4-1/2" Liner Casing as Required (Operator Supplied)	37	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
19	STG 4; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	38	4-1/2" Liner Casing as Required (Operator Supplied)
20	Fluted Centralizers	39	STG 8; 4-1/2" HT Frac Sleeve, 4-1/2" LTC

Item	Description	Item	Description
40	Fluted Centralizers	59	STG 12; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
41	4-1/2" Liner Casing as Required (Operator Supplied)	60	Fluted Centralizers
42	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	61	4-1/2" Liner Casing as Required (Operator Supplied)
43	4-1/2" Liner Casing as Required (Operator Supplied)	62	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
44	STG 9; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	63	4-1/2" Liner Casing as Required (Operator Supplied)
45	Fluted Centralizers	64	STG 13; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
46	4-1/2" Liner Casing as Required (Operator Supplied)	65	Fluted Centralizers
47	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	66	4-1/2" Liner Casing as Required (Operator Supplied)
48	4-1/2" Liner Casing as Required (Operator Supplied)	67	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
49	STG 10; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	68	4-1/2" Liner Casing as Required (Operator Supplied)
50	Fluted Centralizers	69	STG 14; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
51	4-1/2" Liner Casing as Required (Operator Supplied)	70	Fluted Centralizers
52	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	71	4-1/2" Liner Casing as Required (Operator Supplied)
53	4-1/2" Liner Casing as Required (Operator Supplied)	72	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
54	STG 11; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	73	4-1/2" Liner Casing as Required (Operator Supplied)
55	Fluted Centralizers	74	STG 15; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
56	4-1/2" Liner Casing as Required (Operator Supplied)	75	Fluted Centralizers
57	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	76	4-1/2" Liner Casing as Required (Operator Supplied)
58	4-1/2" Liner Casing as Required (Operator Supplied)	77	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)

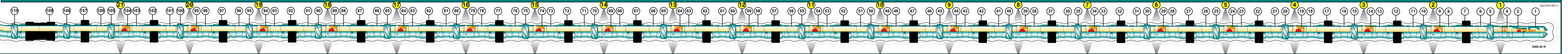
Item	Description	Item	Description
78	4-1/2" Liner Casing as Required (Operator Supplied)	98	4-1/2" Liner Casing as Required (Operator Supplied)
79	STG 16; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	99	STG 20; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
80	Fluted Centralizers	100	Fluted Centralizers
81	4-1/2" Liner Casing as Required (Operator Supplied)	101	4-1/2" Liner Casing as Required (Operator Supplied)
82	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	102	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)
83	4-1/2" Liner Casing as Required (Operator Supplied)	103	4-1/2" Liner Casing as Required (Operator Supplied)
84	STG 17; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	104	STG 21; 4-1/2" HT Frac Sleeve, 4-1/2" LTC
85	Fluted Centralizers	105	Fluted Centralizers
86	4-1/2" Liner Casing as Required (Operator Supplied)	106	4-1/2" Liner Casing as Required (Operator Supplied)
87	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	107	7" x 4-1/2" Hyd Open Hole Casing Packer, 4-1/2" LTC (TAM)
88	4-1/2" Liner Casing as Required (Operator Supplied)	108	Fluted Centralizers
89	STG 18; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	109	7" x 4-1/2" Inflatable Open Hole Packer, 4-1/2" LTC (TAM)
90	Fluted Centralizers	110	Fluted Centralizers
91	4-1/2" Liner Casing as Required (Operator Supplied)	111	4-1/2" Liner Casing as Required (Operator Supplied)
92	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)	112	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (Barrier Packer)
93	4-1/2" Liner Casing as Required (Operator Supplied)	113	Fluted Centralizers
94	STG 19; 4-1/2" HT Frac Sleeve, 4-1/2" LTC	114	7" x 4-1/2" Hydro-Mechanical Packer, 4-1/2" LTC
95	Fluted Centralizers	115	4-1/2" Liner Casing as Required (Operator Supplied)
96	4-1/2" Liner Casing as Required (Operator Supplied)		
97	7" x 4-1/2" Hyd Open Hole Packer, 4-1/2" LTC (DL Part #NC3307L)		



OPTION #1



Open Hole Size	in	mm
	6.250	158.75



QUESTIONS??? CALL (512) 965-2652 Tim Boardman or Patrick (270) 991-1004. www.dynamicofs.com

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