



SCORPION 5.5" EXTENDED RANGE PLUG – DRILL OUT RESULTS

Plug Type:	Bit Type	Time RU Started	Time Commence RIH	Time at once POOH	Time RO Complete	AVG. PLUG DRILL OUT TIME	TOTAL HOURS DRILLING ON PLUGS
Nine Energy 5.5" Extended Range Plug	4" Tricone JZ	11/9/15 10:00	11/10/15 4:00			0:10	5:22:00

PLUG #	TIME TAGGED	TIME THROUGH	DRILL UP MINUTES	PICK UP WEIGHT	SLACK OFF WEIGHT	WEIGHT ON BIT	CASING PRESSURE	PUMP RATE	PUMP PRESSURE	FREE ROTATING TORQUE	DRILLING TORQUE	DIFFERENTIAL PRESSURE	STALLS	JOINT	DEPTH	SWEEP VOL. BBLs
10K CBP	17:28	17:58	0:30	37,000	28,000	6,000	0	3	4,250	400	600	150	0	185	5,932	
10K CBP	18:24	18:44	0:20	36,000	28,000	6,000	1,600	3	4,250	400	600	200	0	188	6,023	205
28	0:57	1:17	0:20	54,000	38,000	6,000	1,750	2.8	4,700	600	900	150	0	290	9,170	188
27	1:50	2:00	0:10	54,000	38,000	4,000	1,800	2.5	4,400	600	900	100	0	296	9,375	234
26	2:32	2:37	0:05	56,000	38,000	4,000	1,800	2.5	4,400	700	1,000	100	0	303	9575	309
25	3:19	3:27	0:08	58,000	40,000	4,000	1,750	2.5	4,300	600	900	100	0	309	9770	394
24	3:59	4:11	0:12	58,000	40,000	4,000	1,750	2.5	4,400	600	1,000	100	0	315	9970	502
23	4:45	4:52	0:07	58,000	40,000	5,000	1,750	2.5	4,400	600	1,000	100	0	322	10170	58
22	5:48	6:06	0:18	58,000	40,000	5,000	1,750	2.5	4,400	600	1,000	100	0	334	10560	143
21	6:43	6:49	0:06	60,000	34,000	5,000	1,400	3	4,650	800	1,200	100	0	341	10755	760
20	11:06	11:12	0:06	60,000	34,000	2,000	1,700	3	4,300	800	1,100	50	0	347	10956	1,200
19	12:00	12:08	0:08	60,000	34,000	4,000	1,700	3	4,200	900	1,400	100	0	354	11,153	1,300
18	12:55	13:03	0:08	62,000	38,000	2,000	1,700	3	4,400	900	1,400	100	0	360	11,341	1,439
17	14:07	14:19	0:12	62,000	38,000	2,000	1,700	3	4,250	1,000	1,300	100	0	366	11,530	1,605
16	15:17	15:28	0:11	64,000	36,000	2,000	1,700	3	4,200	1,000	1,300	100	1	373	11,743	1,763
15	17:40	17:51	0:11	68,000	32,000	2,000	1,750	3	4,250	1,000	1,400	100	0	379	11,935	2,062
14	18:39	18:46	0:07	68,000	34,000	2,000	1,750	3	4,250	1,100	1,400	100	0	386	12,140	2,265
13	19:22	19:31	0:09	68,000	34,000	2,000	1,700	3	4,300	1,100	1,400	100	0	392	12,330	2,371
12	20:07	20:11	0:04	70,000	30,000	2,000	1,700	3	4,300	1,100	1,400	100	0	398	12,525	2,475
11	20:51	21:02	0:11	70,000	34,000	2,000	1,700	3	4,300	1,100	1,400	100	0	405	12,730	2,603
10	1:32	1:41	0:09	68,000	32,000	2,000	1,700	3	4,250	1,200	1,500	100	0	411	12,930	3,085
9	2:14	2:22	0:08	66,000	34,000	2,000	1,700	3	4,300	1,200	1,500	100	0	417	13,127	3,172
8	2:56	3:03	0:07	64,000	34,000	2,000	1,700	3	4,300	1,200	1,400	100	0	424	13,325	3,251
7	3:27	3:42	0:15	64,000	34,000	2,000	1,750	3	4,300	1,100	1,400	100	0	430	13,525	3,308
6	4:36	4:51	0:15	64,000	34,000	2,000	1,750	3	4,500	1,100	1,400	100	0	437	13,720	3,450
5	7:15	7:28	0:13	70,000	38,000	2,000	1,700	3	4,550	1,200	1,600	100	0	443	13,920	3,860
4	8:06	8:14	0:08	68,000	36,000	4,000	1,700	3	4,550	1,300	1,600	150	0	449	14,117	4,000
3	8:58	9:10	0:12	68,000	36,000	4,000	1,700	3	4,550	1,300	1,600	150	0	456	14,308	4,119
2	9:58	10:05	0:07	68,000	34,000	4,000	1,800	3	4,650	1,500	1,900	150	0	462	14,502	4,261
1	11:03	11:08	0:05	68,000	34,000	4,000	1,750	3	4,500	1,300	1,700	100	0	468	14,681	4,420

PBTD	11.58													469	14,715	
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