



WELL STIMULATION REPORT

Bayswater Exploration

BLEHM 10

05-123-51623-00

August 15, 2022

HALLIBURTON

Production
Enhancement

WELL COMPLETION DATA

Treatment Interval	Perforation Top (ft)	Perforation Bottom (ft)	Plug Depth (ft)	Vertical Depth (ft)	Perforation Count	Cluster Count	Cluster Spacing	Perforation Phasing	SalesOrder Number
1	17922	17926		7223	20	9	22	120	907901193
2	17705	17879	17892	7227	27	9	22	120	907901193
3	17505	17679	17692	7232	27	9	22	120	907901193
4	17305	17479	17492	7237	27	9	22	120	907901193
5	17105	17279	17292	7242	27	9	22	120	907901193
6	16905	17079	17092	7247	27	9	22	120	907901193
7	16705	16879	16892	7251	27	9	22	120	907901193
8	16505	16679	16692	7256	27	9	22	120	907901193
9	16305	16479	16492	7261	27	9	22	120	907901193
10	16105	16279	16292	7266	27	9	22	120	907901193
11	15905	16079	16092	7270	27	9	22	120	907901193
12	15705	15879	15892	7275	27	9	22	120	907901193
13	15505	15679	15692	7280	27	9	22	120	907901193
14	15305	15479	15492	7285	27	9	22	120	907901193
15	15105	15279	15292	7290	27	9	22	120	907901193
16	14905	15079	15092	7294	27	9	22	120	907901193
17	14705	14879	14892	7299	27	9	22	120	907901193
18	14505	14679	14692	7304	27	9	22	120	907901193
19	14305	14479	14492	7309	27	9	22	120	907901193
20	14105	14279	14292	7314	27	9	22	120	907901193
21	13905	14079	14092	7318	27	9	22	120	907901193
22	13705	13879	13892	7323	27	9	22	120	907901193

WELL COMPLETION DATA

Treatment Interval	Perforation Top (ft)	Perforation Bottom (ft)	Plug Depth (ft)	Vertical Depth (ft)	Perforation Count	Cluster Count	Cluster Spacing	Perforation Phasing	SalesOrder Number
23	13505	13679	13692	7328	27	9	22	120	907901193
24	13305	13479	13492	7333	27	9	22	120	907901193
25	13105	13279	13292	7337	27	9	22	120	907901193
26	12905	13079	13092	7342	27	9	22	120	907901193
27	12705	12879	12892	7347	27	9	22	120	907901193
28	12505	12679	12692	7352	27	9	22	120	907901193
29	12305	12479	12492	7357	27	9	22	120	907901193
30	12105	12279	12292	7361	27	9	22	120	907901193
31	11905	12079	12092	7366	27	9	22	120	907901193
32	11705	11879	11892	7371	27	9	22	120	907901193
33	11505	11679	11692	7376	27	9	22	120	907901193
34	11305	11479	11492	7380	27	9	22	120	907901193
35	11105	11279	11292	7385	27	9	22	120	907901193
36	10905	11079	11092	7390	27	9	22	120	907901193
37	10705	10879	10892	7395	27	9	22	120	907901193
38	10505	10679	10692	7400	27	9	22	120	907901193
39	10305	10479	10492	7404	27	9	22	120	907901193
40	10105	10279	10292	7409	27	9	22	120	907901193
41	9905	10079	10092	7414	27	9	22	120	907901193
42	9705	9879	9892	7419	27	9	22	120	907901193
43	9505	9679	9692	7423	27	9	22	120	907901193
44	9305	9479	9492	7428	27	9	22	120	907901193

WELL COMPLETION DATA

Treatment Interval	Perforation Top (ft)	Perforation Bottom (ft)	Plug Depth (ft)	Vertical Depth (ft)	Perforation Count	Cluster Count	Cluster Spacing	Perforation Phasing	SalesOrder Number
45	9105	9279	9292	7433	27	9	22	120	907901193
46	8905	9079	9092	7438	27	9	22	120	907901193
47	8705	8879	8892	7443	27	9	22	120	907901193
48	8505	8679	8692	7447	27	9	22	120	907901193
49	8305	8479	8492	7448	27	9	22	120	907901193
50	8105	8279	8292	7394	27	9	22	120	907901193
51	7905	8079	8092	7278	27	9	22	120	907901193

	15% HCl (Acid)		FW Water (Fighter EC-4)		FW Water (Fighter EC-4) HVER 3.0 ent		Pump Down (Pump Down)		Treated Water (Fresh Water)		Total	
Treatment	gal	bbl	gal	bbl	gal	bbl	gal	bbl	gal	bbl	gal	bbl
1	998	23.8	0	0.0	149,443	3,558.2	0	0.0	0	0.0	150,441	3,581.9
2	998	23.8	0	0.0	486,604	11,585.8	23,310	555.0	0	0.0	510,912	12,164.6
3	998	23.8	0	0.0	469,543	11,179.6	19,194	457.0	0	0.0	489,735	11,660.4
4	499	11.9	0	0.0	472,553	11,251.3	18,270	435.0	0	0.0	491,322	11,698.1
5	499	11.9	0	0.0	466,688	11,111.6	19,320	460.0	0	0.0	486,507	11,583.5
6	499	11.9	0	0.0	473,606	11,276.3	17,136	408.0	0	0.0	491,241	11,696.2
7	499	11.9	0	0.0	481,224	11,457.7	18,942	451.0	0	0.0	500,665	11,920.6
8	749	17.8	0	0.0	484,107	11,526.4	17,262	411.0	0	0.0	502,118	11,955.2
9	749	17.8	0	0.0	498,943	11,879.6	16,926	403.0	0	0.0	516,618	12,300.4
10	749	17.8	0	0.0	460,974	10,975.6	16,548	394.0	0	0.0	478,271	11,387.4
11	749	17.8	0	0.0	465,839	11,091.4	15,540	370.0	0	0.0	482,128	11,479.2
12	749	17.8	0	0.0	481,639	11,467.6	16,548	394.0	0	0.0	498,936	11,879.4
13	499	11.9	0	0.0	466,439	11,105.7	14,574	347.0	0	0.0	481,512	11,464.6
14	349	8.3	0	0.0	466,874	11,116.0	15,498	369.0	0	0.0	482,721	11,493.4
15	349	8.3	0	0.0	464,645	11,063.0	14,070	335.0	0	0.0	479,064	11,406.3
16	349	8.3	0	0.0	465,423	11,081.5	14,070	335.0	0	0.0	479,842	11,424.8
17	1,005	23.9	0	0.0	95,722	2,279.1	14,952	356.0	0	0.0	111,679	2,659.0
18	499	11.9	0	0.0	382,234	9,100.8	15,414	367.0	0	0.0	398,147	9,479.7
19	250	6.0	0	0.0	465,274	11,078.0	13,482	321.0	0	0.0	479,006	11,404.9
20	250	6.0	0	0.0	465,261	11,077.6	25,914	617.0	0	0.0	491,425	11,700.6
21	250	6.0	0	0.0	467,319	11,126.6	13,020	310.0	0	0.0	480,589	11,442.6
22	250	6.0	0	0.0	458,983	10,928.2	14,112	336.0	0	0.0	473,345	11,270.1
23	250	6.0	0	0.0	463,500	11,035.7	11,676	278.0	0	0.0	475,426	11,319.7
24	250	6.0	0	0.0	464,016	11,048.0	11,256	268.0	0	0.0	475,522	11,322.0
25	250	6.0	0	0.0	467,004	11,119.1	10,878	259.0	0	0.0	478,132	11,384.1
26	0	0.0	0	0.0	464,632	11,062.7	10,458	249.0	0	0.0	475,090	11,311.7
27	0	0.0	0	0.0	463,197	11,028.5	10,038	239.0	0	0.0	473,235	11,267.5
28	0	0.0	0	0.0	450,602	10,728.6	9,744	232.0	0	0.0	460,346	10,960.6
29	0	0.0	0	0.0	463,150	11,027.4	9,996	238.0	0	0.0	473,146	11,265.4
30	0	0.0	0	0.0	473,596	11,276.1	9,198	219.0	0	0.0	482,794	11,495.1
31	0	0.0	0	0.0	462,295	11,007.0	8,316	198.0	0	0.0	470,611	11,205.0
32	0	0.0	0	0.0	459,015	10,928.9	8,652	206.0	0	0.0	467,667	11,134.9
33	0	0.0	0	0.0	465,911	11,093.1	7,770	185.0	0	0.0	473,681	11,278.1
34	0	0.0	0	0.0	459,597	10,942.8	7,728	184.0	0	0.0	467,325	11,126.8
35	0	0.0	0	0.0	469,970	11,189.8	7,266	173.0	0	0.0	477,236	11,362.8
36	0	0.0	0	0.0	463,029	11,024.5	6,720	160.0	0	0.0	469,749	11,184.5
37	0	0.0	0	0.0	462,886	11,021.1	6,930	165.0	0	0.0	469,816	11,186.1
38	0	0.0	0	0.0	466,543	11,108.2	6,048	144.0	0	0.0	472,591	11,252.2
39	0	0.0	0	0.0	458,561	10,918.1	5,670	135.0	0	0.0	464,231	11,053.1
40	0	0.0	0	0.0	465,084	11,073.4	5,712	136.0	0	0.0	470,796	11,209.4
41	0	0.0	0	0.0	465,743	11,089.1	5,124	122.0	0	0.0	470,867	11,211.1
42	0	0.0	0	0.0	283,641	6,753.4	4,746	113.0	0	0.0	288,387	6,866.4
43	0	0.0	0	0.0	468,085	11,144.9	8,652	206.0	0	0.0	476,737	11,350.9
44	499	11.9	0	0.0	324,497	7,726.1	3,864	92.0	0	0.0	328,860	7,830.0
45	0	0.0	0	0.0	457,144	10,884.4	3,738	89.0	0	0.0	460,882	10,973.4
46	0	0.0	0	0.0	462,529	11,012.6	3,612	86.0	0	0.0	466,141	11,098.6
47	0	0.0	0	0.0	466,686	11,111.6	2,898	69.0	0	0.0	469,584	11,180.6
48	0	0.0	0	0.0	459,516	10,940.9	924	22.0	0	0.0	460,440	10,962.9
49	0	0.0	0	0.0	235,681	5,611.5	2,268	54.0	0	0.0	237,949	5,665.5
50	0	0.0	0	0.0	461,823	10,995.8	1,680	40.0	0	0.0	463,503	11,035.8
51	0	0.0	0	0.0	465,554	11,084.6	1,932	46.0	0	0.0	467,486	11,130.6
Total	14,034	334.1	0	0.0	22,482,824	535,305.3	547,596	13,038.0	0	0.0	23,044,454	548,677.5

Treatment Number	100 Mesh Premium White	30/50 Premium White	40/70 Premium White	Total
1	38,580	0	0	38,580
2	38,540	346,520	0	385,060
3	38,500	346,560	0	385,060
4	39,340	346,560	0	385,900
5	38,660	346,400	0	385,060
6	38,560	346,560	0	385,120
7	38,660	346,510	0	385,170
8	38,560	346,540	0	385,100
9	38,180	346,880	0	385,060
10	38,540	346,500	0	385,040
11	39,580	346,540	0	386,120
12	38,560	346,460	0	385,020
13	39,000	346,540	0	385,540
14	39,840	346,720	0	386,560
15	38,580	346,440	0	385,020
16	38,540	349,240	0	387,780
17	0	0	0	0
18	42,000	238,920	0	280,920
19	38,540	349,480	0	388,020
20	38,520	346,640	0	385,160
21	38,520	346,520	0	385,040
22	38,500	346,520	0	385,020
23	38,520	345,900	0	384,420
24	37,500	347,520	0	385,020
25	38,520	346,660	0	385,180
26	38,520	346,520	0	385,040
27	38,860	346,310	0	385,170
28	38,600	347,540	0	386,140
29	38,540	346,540	0	385,080
30	38,560	348,240	0	386,800
31	38,520	346,540	0	385,060
32	49,160	346,500	0	395,660
33	38,580	346,500	0	385,080
34	38,520	346,540	0	385,060
35	37,140	347,660	0	384,800
36	38,500	346,520	0	385,020
37	38,540	344,940	0	383,480
38	38,540	346,560	0	385,100
39	38,500	346,580	0	385,080
40	38,120	346,480	0	384,600
41	38,500	346,500	0	385,000
42	38,500	130,060	0	168,560
43	38,520	346,500	0	385,020
44	38,560	139,080	0	177,640
45	39,120	346,620	0	385,740
46	40,080	346,580	0	386,660
47	0	344,940	39,840	384,780
48	0	345,680	38,645	384,325
49	0	125,520	38,080	163,600
50	0	346,120	37,560	383,680
51	40,180	344,500	0	384,680
Total	1,791,500	16,231,200	154,125	18,176,825

	Average						Max			ISIP		Ball Seat Information			Formation Break		Pressures				
Treatment	Pressure (psi)	Rate (bpm)	Prop Conc (ppg)	Visc. (cp)	Temp (F)	pH	Pressure (psi)	Rate (bpm)	Prop Conc (ppg)	ISIP (psi)	F. G. (ppf/l)	Pressure (psi)	Rate (bpm)	Volume (bbl)	Pressure (psi)	Rate (bpm)	Open (psi)	Shut-In (psi)	5 Min (psi)	10 Min (psi)	15 Min (psi)
1	7,634	63.5	0.28	0	60	0.0	8,765	71.2	0.75	4,058	1.000	0	0.0	0	5,777	9.9	2,690	4,052	0	0	0
2	8,009	79.5	0.77	0	60	0.0	8,905	89.5	2.00	4,122	1.000	5,017	12.8	378	6,761	12.5	3,982	4,048	0	0	0
3	8,233	93.7	0.80	0	60	0.0	8,728	99.8	2.00	4,252	1.021	4,665	14.8	373	6,224	14.8	3,982	4,474	0	0	0
4	8,553	93.3	0.82	0	60	0.0	9,128	100.5	2.00	4,239	1.019	0	0.0	0	5,330	9.9	4,161	4,184	0	0	0
5	8,186	93.5	0.79	0	60	0.0	8,904	100.2	2.00	4,645	1.074	0	0.0	0	5,057	10.0	4,172	4,630	0	0	0
6	8,378	84.7	0.80	0	60	0.0	9,143	94.3	3.00	4,491	1.050	0	0.0	0	5,973	10.0	4,070	4,471	0	0	0
7	8,045	82.7	0.78	0	60	0.0	8,920	96.8	2.00	4,619	1.070	0	0.0	0	6,073	9.7	4,149	4,429	0	0	0
8	8,049	72.7	0.81	0	60	0.0	9,082	85.5	2.00	4,533	1.060	0	0.0	0	5,912	9.7	4,086	4,403	0	0	0
9	8,199	89.2	0.77	0	60	0.0	9,059	101.9	3.00	4,475	1.049	0	0.0	0	6,280	10.3	4,065	4,878	0	0	0
10	8,088	91.8	0.79	0	60	0.0	8,601	100.4	4.00	4,515	1.054	0	0.0	0	5,745	9.8	4,172	4,447	0	0	0
11	8,178	94.2	0.79	0	60	0.0	8,715	100.9	4.00	4,552	1.060	0	0.0	0	4,954	11.7	3,870	4,051	0	0	0
12	7,926	94.7	0.77	0	60	0.0	8,638	101.1	4.00	4,440	1.043	0	0.0	0	5,205	9.7	4,259	4,453	0	0	0
13	7,707	95.0	0.82	0	60	0.0	8,420	100.7	4.00	4,612	1.070	0	0.0	0	5,090	9.7	4,078	3,830	0	0	0
14	7,991	93.3	0.82	0	60	0.0	8,735	100.6	4.00	4,716	1.080	0	0.0	0	5,203	13.0	4,018	4,669	0	0	0
15	7,825	94.1	0.82	0	60	0.0	8,366	100.8	4.00	4,130	0.999	0	0.0	0	4,834	9.5	4,192	4,848	0	0	0
16	7,605	90.1	0.81	0	60	0.0	9,178	97.8	4.00	4,394	1.030	0	0.0	0	4,677	12.9	4,056	3,950	0	0	0
17	7,912	27.6	0.09	0	60	0.0	9,185	61.3	0.25	5,096	1.131	0	0.0	0	5,370	17.4	4,125	4,168	0	0	0
18	7,876	90.8	0.73	0	60	0.0	8,303	100.8	2.00	4,427	1.040	0	0.0	0	5,757	9.7	4,096	4,390	0	0	0
19	7,581	97.0	0.82	0	60	0.0	8,482	100.9	4.00	4,165	1.003	0	0.0	0	4,389	9.3	4,041	4,263	0	0	0
20	7,856	95.8	0.79	0	60	0.0	8,644	101.1	4.00	4,494	1.047	0	0.0	0	5,965	9.3	4,162	4,221	0	0	0
21	8,201	76.6	0.81	0	60	0.0	9,034	84.8	3.00	4,451	1.040	0	0.0	0	6,516	12.3	4,095	4,389	0	0	0
22	7,966	95.2	0.79	0	60	0.0	8,702	100.0	4.00	4,438	1.039	0	0.0	0	4,644	9.5	4,137	4,694	0	0	0
23	8,141	93.7	0.78	0	60	0.0	8,950	100.3	4.00	4,728	1.080	0	0.0	0	6,037	10.4	4,152	4,453	0	0	0
24	7,982	90.5	0.82	0	60	0.0	8,488	100.3	4.00	4,589	1.059	0	0.0	0	6,600	9.2	4,123	4,504	0	0	0
25	7,980	90.4	0.83	0	60	0.0	9,092	102.7	4.00	5,324	1.159	0	0.0	0	6,260	9.3	4,014	4,565	0	0	0
26	8,115	96.9	0.82	0	60	0.0	9,050	100.4	4.00	4,872	1.100	0	0.0	0	8,970	44.0	4,331	4,720	0	0	0
27	7,735	93.3	0.82	0	60	0.0	8,413	99.9	4.00	4,495	1.045	0	0.0	0	6,602	18.6	4,227	4,225	0	0	0
28	7,925	96.7	0.84	0	60	0.0	8,503	100.3	4.00	4,930	1.100	0	0.0	0	6,317	11.3	4,380	4,843	0	0	0
29	7,795	97.7	0.82	0	60	0.0	9,072	100.3	4.00	4,462	1.040	0	0.0	0	7,645	38.6	4,240	4,395	0	0	0
30	7,825	96.5	0.83	0	60	0.0	8,684	100.6	4.00	4,726	1.080	0	0.0	0	7,408	30.2	4,189	4,676	0	0	0
31	8,404	94.5	0.77	0	60	0.0	9,096	100.2	3.00	4,701	1.070	0	0.0	0	6,505	15.8	4,272	4,697	0	0	0
32	7,882	97.3	0.82	0	60	0.0	8,733	100.6	4.00	4,479	1.041	0	0.0	0	6,679	21.7	4,282	4,427	0	0	0
33	7,945	96.3	0.83	0	60	0.0	8,711	100.3	4.00	4,903	1.100	0	0.0	0	7,943	38.0	4,380	4,777	0	0	0
34	7,996	96.4	0.83	0	60	0.0	8,699	99.5	4.00	5,024	1.110	0	0.0	0	7,330	32.5	4,445	4,445	0	0	0
35	7,442	97.5	0.84	0	60	0.0	8,608	100.3	4.00	4,761	1.080	0	0.0	0	6,507	17.3	4,488	4,719	0	0	0
36	7,197	98.5	0.82	0	60	0.0	7,752	101.8	4.00	5,001	1.110	0	0.0	0	6,132	32.7	4,386	4,626	0	0	0
37	7,761	97.9	0.86	0	60	0.0	8,692	102.1	4.00	4,582	1.050	0	0.0	0	5,413	4.9	4,239	4,502	0	0	0
38	7,286	96.9	0.85	0	60	0.0	8,607	100.7	4.00	4,482	1.039	0	0.0	0	8,318	37.7	4,360	4,407	0	0	0
39	7,538	98.6	0.82	0	60	0.0	8,770	101.0	4.00	5,059	1.120	0	0.0	0	8,767	47.7	4,431	4,936	0	0	0
40	7,612	97.6	0.85	0	60	0.0	8,355	101.0	4.00	4,360	1.021	0	0.0	0	7,823	44.2	4,291	4,677	0	0	0
41	7,945	96.8	0.84	0	60	0.0	8,762	100.4	4.00	4,495	1.039	0	0.0	0	6,306	10.6	4,333	4,637	0	0	0
42	8,200	88.2	0.56	0	60	0.0	9,071	101.0	2.00	4,606	1.050	0	0.0	0	8,518	33.4	4,426	4,563	0	0	0
43	7,569	98.0	0.90	0	60	0.0	9,052	100.8	4.00	4,743	1.070	0	0.0	0	8,441	43.0	4,372	4,734	0	0	0
44	8,020	80.2	0.59	0	60	0.0	9,062	100.5	2.00	4,766	1.080	0	0.0	0	8,541	41.5	4,418	4,635	0	0	0
45	7,215	99.3	0.78	0	60	0.0	8,377	101.4	4.00	4,796	1.080	0	0.0	0	7,192	44.2	4,323	4,506	0	0	0
46	7,449	97.9	0.88	0	60	0.0	8,900	101.1	4.00	4,587	1.050	0	0.0	0	6,017	25.0	4,406	4,448	0	0	0
47	7,399	98.5	0.84	0	60	0.0	8,863	100.7	4.00	4,596	1.050	0	0.0	0	8,320	54.4	4,391	4,498	0	0	0
48	7,603	98.0	0.83	0	60	0.0	8,517	100.5	3.00	4,747	1.070	0	0.0	0	6,027	15.6	4,398	4,670	0	0	0
49	7,843	92.2	0.64	0	60	0.0	8,950	100.7	2.00	4,665	1.059	0	0.0	0	7,200	29.3	4,401	4,571	0	0	0
50	7,226	98.4	0.83	0	60	0.0	8,349	101.5	4.00	4,753	1.080	0	0.0	0	6,250	34.2	4,314	4,671	0	0	0
51	7,407	97.8	0.83	0	60	0.0	8,384	100.4	3.00	4,671	1.075	0	0.0	0	8,043	48.6	4,339	4,381	4,436	4,403	4,381

[illegible]