

**BAYSWATER EXPLORATION &  
730 17th St, STE 610  
Denver, CO 80202**

KTC Farms E-35-36HC  
Interval 1-52  
Weld County, Colorado

Sales Order: 0905868050

## Post Job Report

For: Robert Carney  
Date: Thursday, August 01, 2019

Contract: 334763

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**HALLIBURTON**

Overflush Vol (bbls)	50	Flush Vol	Top Perf		Perforation Data																
Interval #	Displacement to Top Perf (gal)	Displacement to Top Perf (bbl)	Top Perf Measured Depth (ft)	Bottom Perf Measured Depth (ft)	Displacement to Bottom Perf (gal)	Displacement to Bottom Perf (bbl)	Total Vertical Depth (ft)	Isolation Type	Isolation Tool Provider	Isolation Tool Name	Number of Clusters (#)	Total Perforations (#)	EHD (inch)	Shots Per Foot (#)	Perforation Phasing (°)	Cluster Spacing (ft)	Interval Technology	Plug Depth MD (ft)	Interval Latitude (°)	Interval Longitude (°)	
1	16,089	383	17,274	17,458	16,260	387	7336.7	Sleeve	Tartan	MultiFrac									40.536491	-104.718176	
2	15,873	378	17,042	17,181	16,002	381	7337.0	Sleeve	Tartan	MultiFrac									40.536411	-104.719188	
3	15,671	373	16,825	16,979	15,814	377	7337.1	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	16,992	40.536377	-104.719860	
4	15,503	369	16,645	16,799	15,647	373	7337.6	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	16,812	40.536363	-104.720537	
5	15,336	365	16,465	16,619	15,479	369	7338.1	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	16,632	40.536365	-104.721217	
6	15,168	361	16,285	16,439	15,311	365	7339.1	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	16,452	40.536387	-104.721894	
7	15,000	357	16,105	16,259	15,144	361	7339.9	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	16,272	40.536401	-104.722571	
8	14,833	353	15,925	16,079	14,976	357	7339.5	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	16,092	40.536424	-104.722906	
9	14,665	349	15,745	15,899	14,808	353	7339.5	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	15,912	40.536431	-104.723587	
10	14,497	345	15,565	15,719	14,641	349	7339.9	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	15,732	40.536432	-104.724260	
11	14,330	341	15,385	15,539	14,473	345	7341.1	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	15,552	40.536434	-104.724941	
12	14,162	337	15,205	15,359	14,305	341	7342.1	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	15,372	40.536435	-104.725618	
13	13,994	333	15,025	15,179	14,138	337	7343.4	Plug	Innovex	Swaqe	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	15,192	40.536424	-104.726299	
14	13,827	329	14,845	14,999	13,970	333	7344.3	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	15,012	40.536402	-104.726975	
15	13,659	325	14,665	14,819	13,802	329	7345.3	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	14,832	40.536398	-104.727652	
16	13,491	321	14,485	14,639	13,635	325	7346.8	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	14,652	40.536393	-104.728329	
17	13,324	317	14,305	14,459	13,467	321	7349.3	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	14,472	40.536404	-104.728669	
18	13,156	313	14,125	14,279	13,299	317	7350.3	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	14,292	40.536380	-104.729342	
19	12,988	309	13,945	14,099	13,132	313	7351.6	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	14,112	40.536352	-104.730022	
20	12,821	305	13,765	13,919	12,964	309	7353.1	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	13,932	40.536338	-104.730699	
21	12,653	301	13,585	13,739	12,797	305	7354.4	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	13,752	40.536326	-104.731376	
22	12,485	297	13,405	13,559	12,629	301	7355.2	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	13,572	40.536275	-104.732049	
23	12,318	293	13,225	13,379	12,461	297	7355.5	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	13,392	40.536225	-104.732723	
24	12,150	289	13,045	13,199	12,294	293	7355.7	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	13,212	40.536222	-104.733400	
25	11,982	285	12,865	13,019	12,126	289	7355.7	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	13,032	40.536238	-104.734077	
26	11,815	281	12,685	12,839	11,958	285	7355.7	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	12,852	40.536274	-104.734752	
27	11,647	277	12,505	12,659	11,791	281	7355.8	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	12,672	40.536291	-104.735092	
28	11,480	273	12,325	12,479	11,623	277	7356.3	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	12,492	40.536313	-104.735772	
29	11,312	269	12,145	12,299	11,455	273	7356.7	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	12,312	40.536316	-104.736449	
30	11,144	265	11,965	12,119	11,288	269	7356.7	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	12,132	40.536325	-104.737126	
31	10,977	261	11,785	11,939	11,120	265	7356.8	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	11,952	40.536346	-104.737802	
32	10,809	257	11,605	11,759	10,952	261	7356.0	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	11,772	40.536338	-104.738479	
33	10,641	253	11,425	11,579	10,785	257	7354.1	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	11,592	40.536324	-104.739156	
34	10,474	249	11,245	11,399	10,617	253	7353.7	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	11,412	40.536305	-104.739836	
35	10,306	245	11,065	11,219	10,449	249	7353.6	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	11,232	40.536248	-104.740505	
36	10,138	241	10,885	11,039	10,282	245	7355.9	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	11,052	40.536225	-104.741184	
37	9,971	237	10,705	10,859	10,114	241	7357.9	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	10,872	40.536196	-104.741856	
38	9,803	233	10,525	10,679	9,946	237	7357.2	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	10,692	40.536170	-104.742191	
39	9,635	229	10,345	10,499	9,779	233	7356.3	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	10,512	40.536128	-104.742874	
40	9,468	225	10,165	10,319	9,611	229	7355.2	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	10,332	40.536130	-104.743550	
41	9,300	221	9,985	10,139	9,443	225	7352.5	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	10,152	40.536145	-104.744227	
42	9,132	217	9,805	9,959	9,276	221	7352.4	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	9,972	40.536145	-104.744908	
43	8,965	213	9,625	9,779	9,108	217	7352.2	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	9,792	40.536145	-104.745585	
44	8,797	209	9,445	9,599	8,941	213	7354.2	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	9,612	40.536136	-104.746262	
45	8,629	205	9,265	9,419	8,773	209	7362.2	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	9,432	40.536127	-104.746938	
46	8,462	201	9,085	9,239	8,605	205	7370.0	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	9,252	40.536128	-104.747611	
47	8,294	197	8,905	9,059	8,438	201	7375.1	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	9,072	40.536090	-104.748285	
48	8,126	193	8,725	8,879	8,270	197	7374.0	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	8,892	40.536074	-104.748961	
49	7,959	189	8,545	8,699	8,102	193	7373.5	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	8,712	40.536093	-104.749638	
50	7,791	186	8,365	8,519	7,935	189	7373.8	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	8,532	40.536126	-104.749977	
51	7,624	182	8,185	8,339	7,767	185	7375.1	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	8,352	40.536130	-104.750654	
52	7,456	178	8,005	8,159	7,599	181	7373.8	Plug	Weatherford	Min SW	9	40	0.33	3.6,3.4,6.3,6.3,6	120,90,60	1.00	ACM	8,172	40.536121	-104.751327	

Average					Max		ISIP		Ball Seat Information			Formation Break		Well Open	Proppant Concentration	
Pressure	Rate	Visc	Temp	pH	Pressure	Rate	psi	psi/ft	psi	bpm	bbbls	psi	bpm	psi	ppg	ppg
6,597	79.2	#DIV/0!	62.6	#DIV/0!	8,699	84.7									3.00	0.82



Treatment	Fluids									
	FR Water		Treated Water		PD Treated Water		15% HCl		Total Fluid	
	gal	bbl	gal	bbl	gal	bbl	gal	bbl	gal	bbl
1	382,318	9,103	4,699	112	0	0	1,980	47	388,997	9,262
2	378,144	9,003	4,336	103	0	0	1,000	24	383,480	9,130
3	400,733	9,541	4,110	98	26,376	628	499	12	431,718	10,279
4	222,794	5,305	4,063	97	15,792	376	499	12	243,148	5,789
5	402,653	9,587	3,175	76	16,758	399	0	0	422,585	10,062
6	234,741	5,589	4,279	102	17,514	417	0	0	256,534	6,108
7	393,098	9,359	2,821	67	17,598	419	0	0	413,517	9,846
8	220,355	5,247	2,410	57	16,674	397	0	0	239,439	5,701
9	393,321	9,365	3,132	75	16,464	392	0	0	412,916	9,831
10	218,359	5,199	3,114	74	16,590	395	0	0	238,063	5,668
11	392,830	9,353	3,025	72	13,734	327	0	0	409,589	9,752
12	225,993	5,381	3,428	82	16,632	396	0	0	246,053	5,858
13	390,462	9,297	2,660	63	16,674	397	0	0	409,796	9,757
14	225,151	5,361	5,892	140	13,776	328	0	0	244,819	5,829
15	379,191	9,028	2,505	60	12,894	307	0	0	394,590	9,395
16	200,740	4,780	2,147	51	15,540	370	0	0	218,427	5,201
17	377,392	8,986	3,047	73	16,590	395	0	0	397,029	9,453
18	202,628	4,824	2,343	56	14,910	355	0	0	219,882	5,235
19	370,786	8,828	2,310	55	14,364	342	0	0	387,460	9,225
20	202,281	4,816	3,119	74	15,120	360	0	0	220,520	5,250
21	376,897	8,974	1,102	26	12,390	295	0	0	390,389	9,295
22	202,221	4,815	2,267	54	14,784	352	0	0	219,272	5,221
23	376,293	8,959	2,968	71	14,196	338	0	0	393,457	9,368
24	201,374	4,795	2,171	52	13,860	330	0	0	217,405	5,176
25	374,016	8,905	2,686	64	11,172	266	0	0	387,874	9,235
26	201,987	4,809	2,983	71	12,642	301	0	0	217,613	5,181
27	376,513	8,965	2,131	51	11,130	265	0	0	389,774	9,280
28	199,990	4,762	1,955	47	12,054	287	0	0	213,998	5,095
29	373,538	8,894	3,063	73	11,382	271	0	0	387,983	9,238
30	199,179	4,742	2,232	53	10,416	248	0	0	211,826	5,043
31	379,985	9,047	2,455	58	10,836	258	0	0	393,276	9,364
32	200,401	4,771	2,240	53	11,634	277	0	0	214,275	5,102
33	373,270	8,887	2,327	55	11,508	274	0	0	387,105	9,217
34	204,692	4,874	3,154	75	13,146	313	0	0	220,992	5,262
35	373,106	8,883	2,219	53	9,618	229	0	0	384,943	9,165
36	226,271	5,387	3,152	75	10,122	241	0	0	239,546	5,703
37	372,572	8,871	2,210	53	9,870	235	0	0	384,651	9,158
38	198,016	4,715	2,603	62	9,030	215	0	0	209,649	4,992
39	373,280	8,888	3,247	77	6,678	159	0	0	383,204	9,124
40	197,792	4,709	2,047	49	9,282	221	0	0	209,120	4,979
41	370,984	8,833	2,310	55	8,694	207	0	0	381,988	9,095
42	199,280	4,745	2,419	58	8,778	209	0	0	210,476	5,011
43	370,088	8,812	2,456	58	7,560	180	0	0	380,103	9,050
44	199,372	4,747	2,203	52	7,686	183	0	0	209,261	4,982
45	374,306	8,912	2,097	50	7,014	167	0	0	383,417	9,129
46	196,614	4,681	2,407	57	6,762	161	0	0	205,783	4,900
47	373,541	8,894	2,546	61	7,182	171	0	0	383,269	9,125
48	204,038	4,858	2,302	55	6,006	143	0	0	212,345	5,056
49	368,965	8,785	2,294	55	5,712	136	0	0	376,971	8,976
50	201,349	4,794	2,213	53	5,334	127	0	0	208,896	4,974
51	371,809	8,853	2,135	51	4,032	96	0	0	377,976	8,999
52	197,180	4,695	3,041	72	4,158	99	0	0	204,379	4,866

Fluids									
FR Water		Treated Water		PD Treated Water		15% HCl		Total Fluid	
gal	bbl	gal	bbl	gal	bbl	gal	bbl	gal	bbl
15,422,885	367,212	144,249	3,434	598,668	14,254	3,978	95	16,169,780	384,995

Treatment	Proppants - Tickets		
	100 Mesh	40/70	Total Proppant
	lbs	lbs	lbs
1	52,500	85,500	138,000
2	52,500	85,500	138,000
3	23,000	210,000	233,000
4	23,000	210,000	233,000
5	23,000	210,500	233,500
6	23,000	210,300	233,300
7	23,000	209,200	232,200
8	23,000	210,000	233,000
9	23,000	209,960	232,960
10	23,000	210,000	233,000
11	23,000	210,000	233,000
12	23,000	210,040	233,040
13	23,000	210,000	233,000
14	23,000	210,080	233,080
15	23,000	215,200	238,200
16	23,000	208,240	231,240
17	23,000	209,020	232,020
18	23,000	209,400	232,400
19	23,000	209,600	232,600
20	23,000	209,800	232,800
21	23,000	203,500	226,500
22	23,000	211,400	234,400
23	23,000	210,020	233,020
24	23,000	210,920	233,920
25	23,000	210,420	233,420
26	23,000	211,080	234,080
27	23,000	210,140	233,140
28	23,000	211,120	234,120
29	23,000	210,260	233,260
30	22,440	209,800	232,240
31	23,260	210,000	233,260
32	23,100	206,520	229,620
33	23,200	207,660	230,860
34	23,000	211,000	234,000
35	23,000	214,000	237,000
36	23,000	210,500	233,500
37	23,000	210,300	233,300
38	23,000	210,000	233,000
39	23,000	210,000	233,000
40	23,000	210,000	233,000
41	23,000	210,000	233,000
42	23,000	210,000	233,000
43	23,000	210,000	233,000
44	23,000	210,000	233,000
45	23,000	210,000	233,000
46	25,280	210,000	235,280
47	22,000	210,000	232,000
48	22,500	215,300	237,800
49	22,200	205,480	227,680
50	23,000	209,200	232,200
51	23,000	210,000	233,000
52	23,940	211,280	235,220

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Proppants		
100 Mesh	40/70	Total Proppant
lbs	lbs	Total
1,255,920	10,672,240	11,928,160