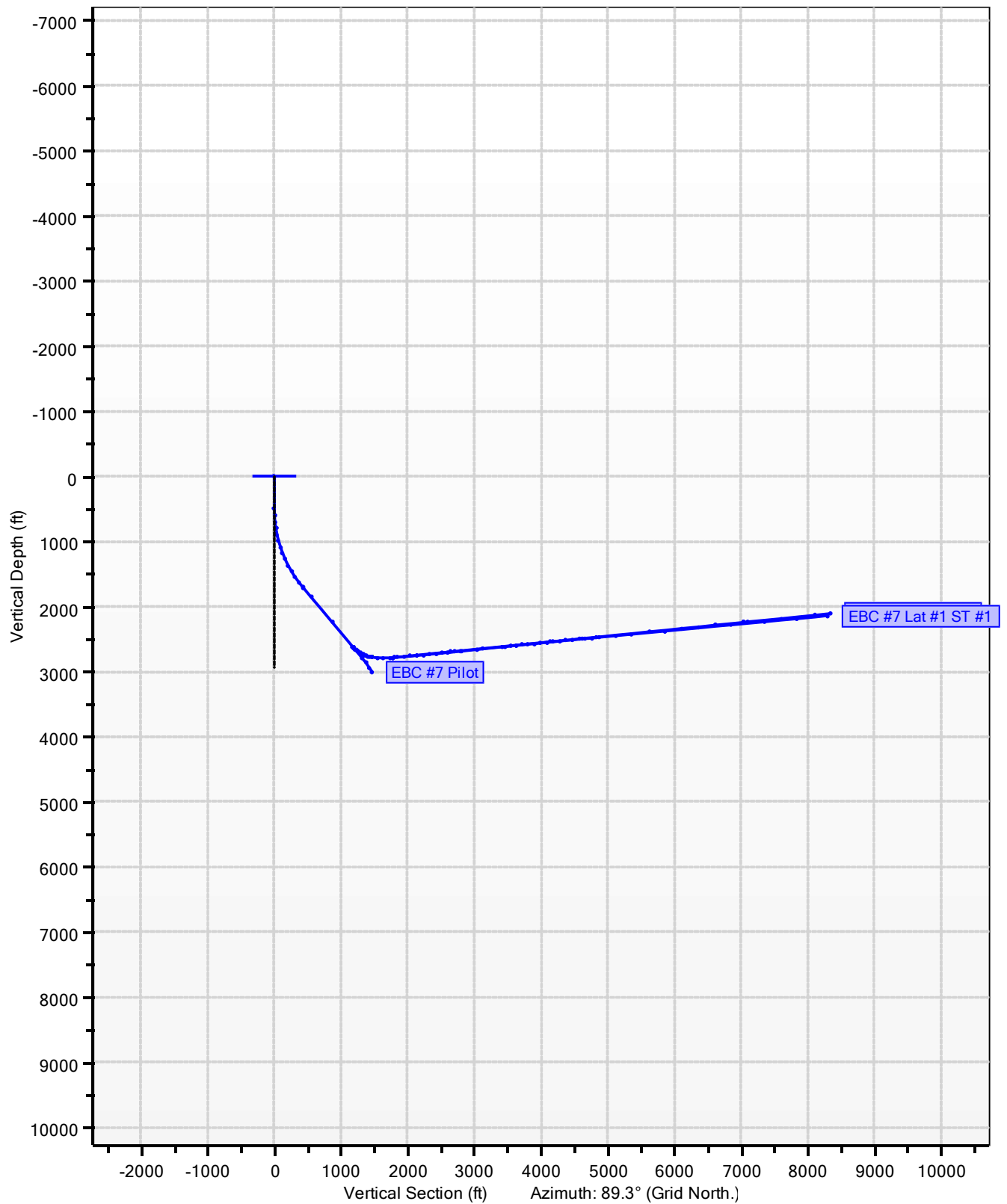


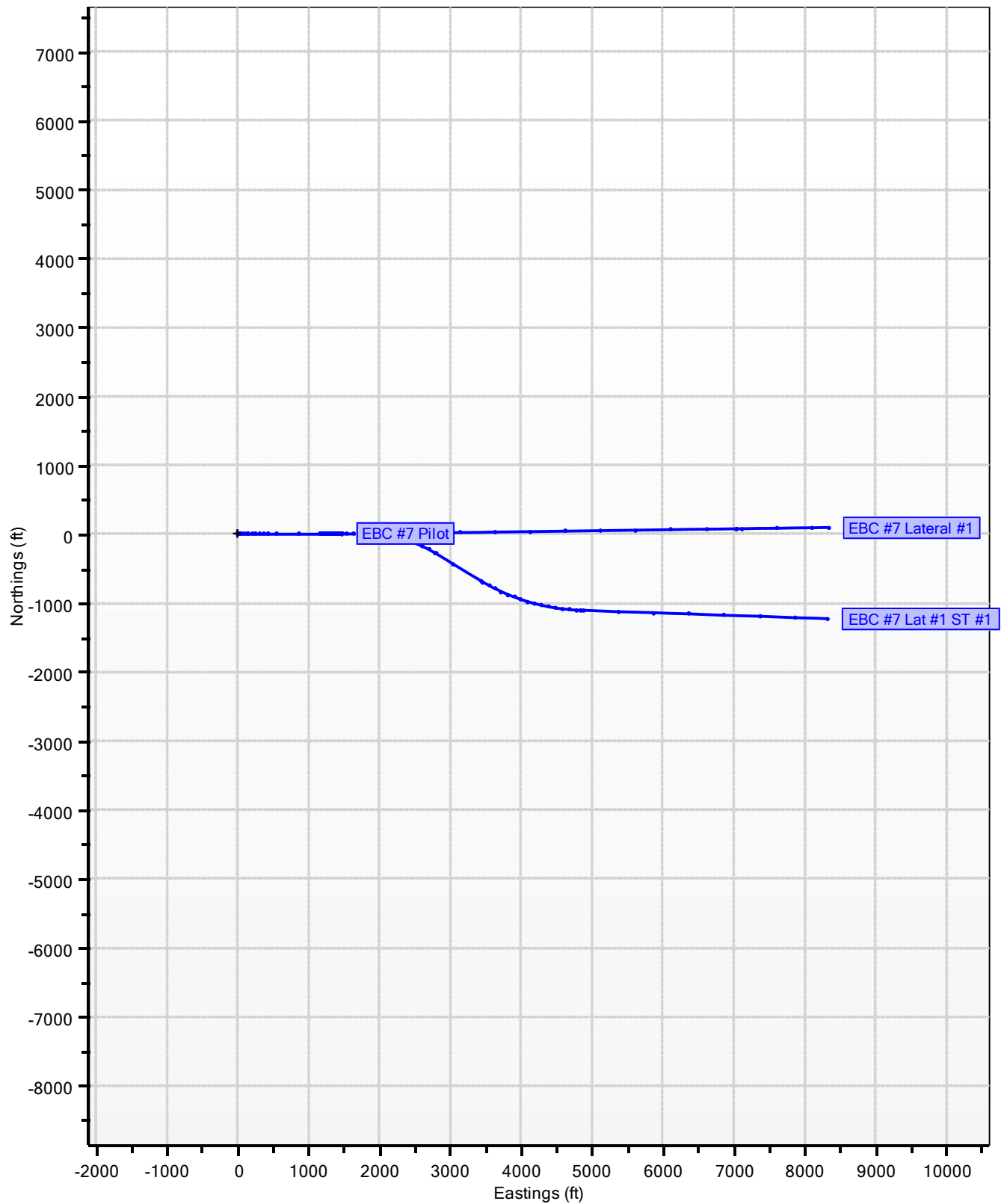
**East Bull Creek Well  
EBC Pad 3  
EBC #7  
EBC #7 Lat #1 ST #1**

## **Catamount Energy Partners Proposal Report**

EBC Pad 3, EBC #7



EBC Pad 3, EBC #7



# Catamount Energy Partners

## Proposal Report



<b>Database:</b>	San Juan Basin	<b>Local Coordinate Reference:</b>	EBC #7
<b>Company:</b>		<b>TVD Reference:</b>	EBC #7
<b>Project:</b>	East Bull Creek Well	<b>MD Reference:</b>	EBC #7
<b>Site:</b>	EBC Pad 3	<b>North reference:</b>	Grid North
<b>Well:</b>	EBC #7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>			
<b>Proposal:</b>	EBC #7 Lat #1 ST #1		

<b>Project</b>	East Bull Creek Well		
<b>Map System:</b>	HPGN Colorado State Planes	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	High Precision GPS Network (aka HARN, NAD83/9)		
<b>Map Zone:</b>	Southern Zone		

<b>Site</b>	EBC Pad 3			
<b>Site Position:</b>		<b>Northing:</b>	0	<b>Latitude:</b> 33.48902771° N
<b>From:</b>	Map	<b>Easting:</b>	0	<b>Longitude:</b> 115.33027986° W
<b>Position Uncertainty:</b>	6946ft	<b>Slot Radius:</b>	0in	<b>Grid Convergence:</b> -6.0°

<b>Well</b>	EBC #7			
<b>Well Position:</b>	<b>+N/-S</b>	1187929ft	<b>Northing:</b>	+1187929
	<b>+E/-W</b>	2445914ft	<b>Easting:</b>	+2445914
<b>Position Uncertainty:</b>		1ft	<b>Wellhead Elevation:</b>	6946ft
			<b>Latitude:</b>	37.16729293° N
			<b>Longitude:</b>	107.40162519° W
			<b>Ground Level:</b>	6930ft

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	2/9/2018	0.0	0.0	0.0

<b>Proposal</b>	EBC #7 Lat #1 ST #1		
<b>Audit Notes:</b>			
<b>Version:</b>	<b>Phase:</b>	<b>Tie On Depth:</b>	3633ft

Vertical Section:	Depth from TVD (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0	0	0	98.4

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
3633	95.0	89.2	2785	4	1775					
4723	95.1	122.0	2686	-284	2806	3.0	0.0	3.0	88.3	
5462	95.1	122.0	2620	-674	3430	0.0	0.0	0.0	0.0	
6955	95.5	92.0	2478	-1103	4835	2.0	0.0	-2.0	-87.8	
10455	95.5	92.0	2141	-1225	8317	0.0	0.0	0.0	0.0	EBC #7 Lat 1 ST1 BHL

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
0	0.0	0.0	0	-6946	0	0	0	0	0.0	0.0	
100	0.0	0.0	100	-6846	0	0	0	0	0.0	0.0	
200	0.0	0.0	200	-6746	0	0	0	0	0.0	0.0	
300	0.0	0.0	300	-6646	0	0	0	0	0.0	0.0	
400	0.0	0.0	400	-6546	0	0	0	0	0.0	0.0	
500	0.0	0.0	500	-6446	0	0	0	0	0.0	0.0	
510	0.3	90.0	510	-6436	0	0	0	0	90.0	3.0	
540	1.2	90.0	540	-6406	0	0	0	0	90.0	3.0	
570	2.1	90.0	570	-6376	0	1	1	1	90.0	3.0	
600	3.0	90.0	600	-6346	0	3	3	3	90.0	3.0	

# Catamount Energy Partners

## Proposal Report



<b>Database:</b>	San Juan Basin	<b>Local Coordinate Reference:</b>	EBC #7
<b>Company:</b>		<b>TVD Reference:</b>	EBC #7
<b>Project:</b>	East Bull Creek Well	<b>MD Reference:</b>	EBC #7
<b>Site:</b>	EBC Pad 3	<b>North reference:</b>	Grid North
<b>Well:</b>	EBC #7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>			
<b>Proposal:</b>	EBC #7 Lat #1 ST #1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
630	3.9	90.0	630	-6316	0	4	4	4	90.0	3.0	
660	4.8	90.0	660	-6286	0	7	7	7	90.0	3.0	
690	5.7	90.0	690	-6256	0	9	9	9	90.0	3.0	
720	6.6	90.0	720	-6226	0	13	13	13	90.0	3.0	
750	7.5	90.0	749	-6197	0	16	16	16	90.0	3.0	
780	8.4	90.0	779	-6167	0	20	20	20	90.0	3.0	
810	9.3	90.0	809	-6137	0	25	25	25	90.0	3.0	
840	10.2	90.0	838	-6108	0	30	30	30	90.0	3.0	
870	11.1	90.0	868	-6078	0	36	35	36	90.0	3.0	
900	12.0	90.0	897	-6049	0	42	41	42	90.0	3.0	
930	12.9	90.0	926	-6020	0	48	48	48	90.0	3.0	
960	13.8	90.0	956	-5990	0	55	55	55	90.0	3.0	
990	14.7	90.0	985	-5961	0	63	62	63	90.0	3.0	
1020	15.6	90.0	1014	-5932	0	70	70	70	90.0	3.0	
1050	16.5	90.0	1042	-5904	0	79	78	79	90.0	3.0	
1080	17.4	90.0	1071	-5875	0	87	86	87	90.0	3.0	
1110	18.3	90.0	1100	-5846	0	97	96	97	90.0	3.0	
1140	19.2	90.0	1128	-5818	0	106	105	106	90.0	3.0	
1170	20.1	90.0	1156	-5790	0	116	115	116	90.0	3.0	
1200	21.0	90.0	1184	-5762	0	127	125	127	90.0	3.0	
1230	21.9	90.0	1212	-5734	0	138	136	138	90.0	3.0	
1260	22.8	90.0	1240	-5706	0	149	148	149	90.0	3.0	
1290	23.7	90.0	1268	-5678	0	161	159	161	90.0	3.0	
1320	24.6	90.0	1295	-5651	0	173	171	173	90.0	3.0	
1350	25.5	90.0	1322	-5624	0	186	184	186	90.0	3.0	
1380	26.4	90.0	1349	-5597	0	199	197	199	90.0	3.0	
1410	27.3	90.0	1376	-5570	0	213	210	213	90.0	3.0	
1440	28.2	90.0	1403	-5543	0	227	224	227	90.0	3.0	
1470	29.1	90.0	1429	-5517	0	241	239	241	90.0	3.0	
1500	30.0	90.0	1455	-5491	0	256	253	256	90.0	3.0	
1530	30.9	90.0	1481	-5465	0	271	268	271	90.0	3.0	
1560	31.8	90.0	1506	-5440	0	287	284	287	90.0	3.0	
1590	32.7	90.0	1532	-5414	0	303	299	303	90.0	3.0	
1620	33.6	90.0	1557	-5389	0	319	316	319	90.0	3.0	
1650	34.5	90.0	1582	-5364	0	336	332	336	90.0	3.0	
1680	35.4	90.0	1606	-5340	0	353	349	353	90.0	3.0	
1710	36.3	90.0	1631	-5315	0	371	367	371	90.0	3.0	
1740	37.2	90.0	1655	-5291	0	389	384	389	90.0	3.0	
1770	38.1	90.0	1678	-5268	0	407	403	407	90.0	3.0	
1800	39.0	90.0	1702	-5244	0	426	421	426	90.0	3.0	
1811	39.3	90.0	1710	-5236	0	432	428	432	90.0	3.0	
1900	39.3	90.0	1779	-5167	0	489	484	489	90.0	0.0	
2000	39.3	90.0	1857	-5089	0	552	546	552	90.0	0.0	
2100	39.3	90.0	1934	-5012	0	616	609	616	90.0	0.0	
2200	39.3	90.0	2011	-4935	0	679	672	679	90.0	0.0	
2300	39.3	90.0	2089	-4857	0	742	734	742	90.0	0.0	
2400	39.3	90.0	2166	-4780	0	806	797	806	90.0	0.0	
2500	39.3	90.0	2243	-4703	0	869	860	869	90.0	0.0	
2600	39.3	90.0	2321	-4625	0	932	923	932	90.0	0.0	
2700	39.3	90.0	2398	-4548	0	996	985	996	90.0	0.0	

# Catamount Energy Partners

## Proposal Report



<b>Database:</b>	San Juan Basin	<b>Local Coordinate Reference:</b>	EBC #7
<b>Company:</b>		<b>TVD Reference:</b>	EBC #7
<b>Project:</b>	East Bull Creek Well	<b>MD Reference:</b>	EBC #7
<b>Site:</b>	EBC Pad 3	<b>North reference:</b>	Grid North
<b>Well:</b>	EBC #7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>			
<b>Proposal:</b>	EBC #7 Lat #1 ST #1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
2800	39.3	90.0	2476	-4470	0	1059	1048	1059	90.0	0.0	
2900	39.3	90.0	2553	-4393	0	1123	1111	1123	90.0	0.0	
2980	39.3	90.0	2615	-4331	0	1173	1161	1173	90.0	0.0	
3000	41.8	90.0	2630	-4316	0	1186	1174	1186	90.0	12.4	
3030	45.5	89.9	2652	-4294	0	1207	1194	1207	90.0	12.4	
3060	49.3	89.9	2672	-4274	0	1229	1216	1229	90.0	12.4	
3090	53.0	89.9	2691	-4255	0	1252	1239	1252	90.0	12.4	
3120	56.7	89.8	2708	-4238	0	1277	1263	1277	90.0	12.4	
3150	60.5	89.8	2724	-4222	0	1303	1289	1303	90.0	12.4	
3180	64.2	89.8	2738	-4208	0	1329	1315	1329	90.0	12.4	
3210	68.0	89.8	2750	-4196	0	1357	1342	1357	90.0	12.4	
3240	71.7	89.7	2760	-4186	1	1385	1370	1385	90.0	12.4	
3270	75.4	89.7	2769	-4177	1	1413	1398	1413	90.0	12.4	
3300	79.2	89.7	2775	-4171	1	1443	1427	1443	90.0	12.4	
3330	82.9	89.7	2780	-4166	1	1472	1456	1472	90.0	12.4	
3331	83.0	89.7	2780	-4166	1	1473	1457	1473	90.0	12.4	
3360	84.1	89.6	2783	-4163	1	1502	1486	1502	90.0	4.0	
3390	85.3	89.6	2786	-4160	1	1532	1515	1532	89.9	4.0	
3420	86.5	89.5	2788	-4158	2	1562	1545	1562	89.9	4.0	
3450	87.7	89.5	2790	-4156	2	1592	1575	1592	89.9	4.0	
3480	88.9	89.4	2791	-4155	2	1622	1604	1622	89.9	4.0	
3510	90.1	89.4	2791	-4155	2	1652	1634	1652	89.9	4.0	
3540	91.3	89.3	2790	-4156	3	1682	1664	1682	89.9	4.0	
3570	92.5	89.3	2789	-4157	3	1712	1693	1712	89.9	4.0	
3600	93.7	89.2	2788	-4158	4	1742	1723	1742	89.9	4.0	
3630	94.9	89.2	2786	-4160	4	1772	1752	1772	89.9	4.0	
3633	95.0	89.2	2785	-4161	4	1775	1755	1775	89.9	4.0	
3660	95.0	90.0	2783	-4163	4	1802	1782	1802	89.9	3.0	
3690	95.0	90.9	2780	-4166	4	1832	1811	1832	89.9	3.0	
3720	95.1	91.8	2778	-4168	3	1861	1841	1861	89.9	3.0	
3750	95.1	92.7	2775	-4171	2	1891	1871	1891	89.9	3.0	
3780	95.1	93.6	2772	-4174	0	1921	1901	1921	90.0	3.0	
3810	95.1	94.5	2770	-4176	-2	1951	1930	1951	90.0	3.0	
3840	95.1	95.4	2767	-4179	-4	1981	1960	1981	90.1	3.0	
3870	95.2	96.3	2764	-4182	-7	2010	1990	2010	90.2	3.0	
3900	95.2	97.2	2762	-4184	-11	2040	2020	2040	90.3	3.0	
3930	95.2	98.1	2759	-4187	-15	2070	2050	2070	90.4	3.0	
3960	95.2	99.0	2756	-4190	-19	2099	2080	2099	90.5	3.0	
3990	95.2	99.9	2753	-4193	-24	2129	2109	2129	90.7	3.0	
4020	95.2	100.8	2751	-4195	-30	2158	2139	2158	90.8	3.0	
4050	95.2	101.7	2748	-4198	-35	2187	2169	2188	90.9	3.0	
4080	95.3	102.6	2745	-4201	-42	2217	2199	2217	91.1	3.0	
4110	95.3	103.5	2743	-4203	-48	2246	2229	2246	91.2	3.0	
4140	95.3	104.4	2740	-4206	-56	2275	2258	2275	91.4	3.0	
4170	95.3	105.3	2737	-4209	-63	2304	2288	2304	91.6	3.0	
4200	95.3	106.3	2734	-4212	-72	2332	2318	2333	91.8	3.0	
4230	95.3	107.2	2731	-4215	-80	2361	2347	2362	91.9	3.0	
4260	95.3	108.1	2729	-4217	-89	2389	2377	2391	92.1	3.0	
4290	95.3	109.0	2726	-4220	-99	2418	2406	2420	92.3	3.0	
4320	95.3	109.9	2723	-4223	-109	2446	2436	2448	92.5	3.0	

# Catamount Energy Partners

## Proposal Report



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<b>Company:</b>		<b>TVD Reference:</b>	EBC #7
<b>Project:</b>	East Bull Creek Well	<b>MD Reference:</b>	EBC #7
<b>Site:</b>	EBC Pad 3	<b>North reference:</b>	Grid North
<b>Well:</b>	EBC #7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>			
<b>Proposal:</b>	EBC #7 Lat #1 ST #1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
4350	95.3	110.8	2720	-4226	-119	2474	2465	2477	92.8	3.0	
4380	95.3	111.7	2718	-4228	-130	2502	2494	2505	93.0	3.0	
4410	95.3	112.6	2715	-4231	-141	2529	2523	2533	93.2	3.0	
4440	95.3	113.5	2712	-4234	-153	2557	2552	2561	93.4	3.0	
4470	95.3	114.4	2709	-4237	-165	2584	2581	2589	93.6	3.0	
4500	95.2	115.3	2707	-4239	-177	2611	2609	2617	93.9	3.0	
4530	95.2	116.2	2704	-4242	-190	2638	2638	2645	94.1	3.0	
4560	95.2	117.1	2701	-4245	-204	2665	2666	2673	94.4	3.0	
4590	95.2	118.0	2698	-4248	-218	2691	2694	2700	94.6	3.0	
4620	95.2	118.9	2696	-4250	-232	2718	2722	2727	94.9	3.0	
4650	95.2	119.8	2693	-4253	-246	2744	2750	2755	95.1	3.0	
4680	95.2	120.7	2690	-4256	-261	2769	2778	2782	95.4	3.0	
4710	95.1	121.6	2688	-4258	-277	2795	2806	2809	95.7	3.0	
4723	95.1	122.0	2686	-4260	-284	2806	2817	2820	95.8	3.0	
4800	95.1	122.0	2680	-4266	-324	2871	2888	2889	96.4	0.0	
4900	95.1	122.0	2671	-4275	-377	2956	2979	2980	97.3	0.0	
5000	95.1	122.0	2662	-4284	-430	3040	3070	3070	98.1	0.0	
5100	95.1	122.0	2653	-4293	-483	3124	3161	3162	98.8	0.0	
5200	95.1	122.0	2644	-4302	-536	3209	3253	3253	99.5	0.0	
5300	95.1	122.0	2635	-4311	-588	3293	3344	3346	100.1	0.0	
5400	95.1	122.0	2626	-4320	-641	3378	3435	3438	100.7	0.0	
5462	95.1	122.0	2620	-4326	-674	3430	3491	3495	101.1	0.0	
5490	95.2	121.4	2618	-4328	-688	3454	3517	3522	101.3	2.0	
5520	95.2	120.8	2615	-4331	-704	3480	3545	3550	101.4	2.0	
5550	95.2	120.2	2612	-4334	-719	3505	3573	3578	101.6	2.0	
5580	95.2	119.6	2610	-4336	-734	3531	3600	3607	101.7	2.0	
5610	95.2	119.0	2607	-4339	-749	3557	3628	3635	101.9	2.0	
5640	95.3	118.4	2604	-4342	-763	3583	3656	3664	102.0	2.0	
5670	95.3	117.8	2601	-4345	-777	3610	3684	3692	102.1	2.0	
5700	95.3	117.2	2599	-4347	-791	3636	3713	3721	102.3	2.0	
5730	95.3	116.6	2596	-4350	-804	3663	3741	3750	102.4	2.0	
5760	95.3	116.0	2593	-4353	-818	3690	3769	3779	102.5	2.0	
5790	95.4	115.4	2590	-4356	-831	3717	3798	3808	102.6	2.0	
5820	95.4	114.8	2587	-4359	-843	3744	3827	3837	102.7	2.0	
5850	95.4	114.2	2585	-4361	-856	3771	3855	3867	102.8	2.0	
5880	95.4	113.6	2582	-4364	-868	3798	3884	3896	102.9	2.0	
5910	95.4	113.0	2579	-4367	-880	3826	3913	3925	102.9	2.0	
5940	95.4	112.4	2576	-4370	-891	3853	3942	3955	103.0	2.0	
5970	95.4	111.8	2573	-4373	-902	3881	3971	3984	103.1	2.0	
6000	95.5	111.2	2570	-4376	-913	3909	4000	4014	103.2	2.0	
6030	95.5	110.6	2568	-4378	-924	3936	4029	4043	103.2	2.0	
6060	95.5	110.0	2565	-4381	-934	3964	4058	4073	103.3	2.0	
6090	95.5	109.4	2562	-4384	-944	3993	4088	4103	103.3	2.0	
6120	95.5	108.8	2559	-4387	-954	4021	4117	4132	103.3	2.0	
6150	95.5	108.2	2556	-4390	-964	4049	4146	4162	103.4	2.0	
6180	95.5	107.6	2553	-4393	-973	4078	4176	4192	103.4	2.0	
6210	95.5	107.0	2550	-4396	-982	4106	4205	4222	103.4	2.0	
6240	95.5	106.4	2547	-4399	-990	4135	4235	4252	103.5	2.0	
6270	95.5	105.8	2545	-4401	-998	4163	4264	4281	103.5	2.0	
6300	95.5	105.2	2542	-4404	-1006	4192	4294	4311	103.5	2.0	

# Catamount Energy Partners

## Proposal Report



<b>Database:</b>	San Juan Basin	<b>Local Coordinate Reference:</b>	EBC #7
<b>Company:</b>		<b>TVD Reference:</b>	EBC #7
<b>Project:</b>	East Bull Creek Well	<b>MD Reference:</b>	EBC #7
<b>Site:</b>	EBC Pad 3	<b>North reference:</b>	Grid North
<b>Well:</b>	EBC #7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>			
<b>Proposal:</b>	EBC #7 Lat #1 ST #1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
6330	95.5	104.6	2539	-4407	-1014	4221	4324	4341	103.5	2.0	
6360	95.6	104.0	2536	-4410	-1021	4250	4353	4371	103.5	2.0	
6390	95.6	103.4	2533	-4413	-1028	4279	4383	4401	103.5	2.0	
6420	95.6	102.8	2530	-4416	-1035	4308	4413	4431	103.5	2.0	
6450	95.6	102.1	2527	-4419	-1042	4337	4443	4461	103.5	2.0	
6480	95.6	101.5	2524	-4422	-1048	4366	4472	4490	103.5	2.0	
6510	95.6	100.9	2521	-4425	-1054	4396	4502	4520	103.5	2.0	
6540	95.6	100.3	2518	-4428	-1059	4425	4532	4550	103.5	2.0	
6570	95.6	99.7	2516	-4430	-1064	4454	4562	4580	103.4	2.0	
6600	95.6	99.1	2513	-4433	-1069	4484	4592	4610	103.4	2.0	
6630	95.6	98.5	2510	-4436	-1074	4513	4622	4639	103.4	2.0	
6660	95.6	97.9	2507	-4439	-1078	4543	4652	4669	103.3	2.0	
6690	95.6	97.3	2504	-4442	-1082	4573	4681	4699	103.3	2.0	
6720	95.6	96.7	2501	-4445	-1086	4602	4711	4728	103.3	2.0	
6750	95.6	96.1	2498	-4448	-1089	4632	4741	4758	103.2	2.0	
6780	95.6	95.5	2495	-4451	-1092	4662	4771	4788	103.2	2.0	
6810	95.6	94.9	2492	-4454	-1095	4691	4801	4817	103.1	2.0	
6840	95.6	94.3	2489	-4457	-1097	4721	4831	4847	103.1	2.0	
6870	95.5	93.7	2486	-4460	-1099	4751	4860	4876	103.0	2.0	
6900	95.5	93.1	2484	-4462	-1101	4781	4890	4906	103.0	2.0	
6930	95.5	92.5	2481	-4465	-1102	4810	4920	4935	102.9	2.0	
6955	95.5	92.0	2478	-4468	-1103	4835	4945	4960	102.9	2.0	
7000	95.5	92.0	2474	-4472	-1105	4880	4989	5004	102.8	0.0	
7100	95.5	92.0	2464	-4482	-1108	4980	5088	5101	102.5	0.0	
7200	95.5	92.0	2455	-4491	-1112	5079	5187	5199	102.3	0.0	
7300	95.5	92.0	2445	-4501	-1115	5179	5286	5297	102.2	0.0	
7400	95.5	92.0	2435	-4511	-1119	5278	5385	5395	102.0	0.0	
7500	95.5	92.0	2426	-4520	-1122	5377	5484	5493	101.8	0.0	
7600	95.5	92.0	2416	-4530	-1126	5477	5583	5591	101.6	0.0	
7700	95.5	92.0	2406	-4540	-1129	5576	5681	5690	101.4	0.0	
7800	95.5	92.0	2397	-4549	-1133	5676	5780	5788	101.3	0.0	
7900	95.5	92.0	2387	-4559	-1136	5775	5879	5886	101.1	0.0	
8000	95.5	92.0	2378	-4568	-1140	5875	5978	5984	101.0	0.0	
8100	95.5	92.0	2368	-4578	-1143	5974	6077	6083	100.8	0.0	
8200	95.5	92.0	2358	-4588	-1147	6074	6176	6181	100.7	0.0	
8300	95.5	92.0	2349	-4597	-1150	6173	6275	6279	100.6	0.0	
8400	95.5	92.0	2339	-4607	-1154	6273	6374	6378	100.4	0.0	
8500	95.5	92.0	2329	-4617	-1157	6372	6473	6476	100.3	0.0	
8600	95.5	92.0	2320	-4626	-1161	6472	6572	6575	100.2	0.0	
8700	95.5	92.0	2310	-4636	-1164	6571	6671	6673	100.0	0.0	
8800	95.5	92.0	2300	-4646	-1168	6671	6770	6772	99.9	0.0	
8900	95.5	92.0	2291	-4655	-1171	6770	6868	6871	99.8	0.0	
9000	95.5	92.0	2281	-4665	-1174	6870	6967	6969	99.7	0.0	
9100	95.5	92.0	2272	-4674	-1178	6969	7066	7068	99.6	0.0	
9200	95.5	92.0	2262	-4684	-1181	7069	7165	7167	99.5	0.0	
9300	95.5	92.0	2252	-4694	-1185	7168	7264	7265	99.4	0.0	
9400	95.5	92.0	2243	-4703	-1188	7267	7363	7364	99.3	0.0	
9500	95.5	92.0	2233	-4713	-1192	7367	7462	7463	99.2	0.0	
9600	95.5	92.0	2223	-4723	-1195	7466	7561	7561	99.1	0.0	
9700	95.5	92.0	2214	-4732	-1199	7566	7660	7660	99.0	0.0	



# Catamount Energy Partners

## Proposal Report



<b>Database:</b>	San Juan Basin	<b>Local Coordinate Reference:</b>	EBC #7
<b>Company:</b>		<b>TVD Reference:</b>	EBC #7
<b>Project:</b>	East Bull Creek Well	<b>MD Reference:</b>	EBC #7
<b>Site:</b>	EBC Pad 3	<b>North reference:</b>	Grid North
<b>Well:</b>	EBC #7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>			
<b>Proposal:</b>	EBC #7 Lat #1 ST #1		

Planned Survey											
Measured Depth (ft)	Incl. (°)	Az. (°)	Vertical Depth (ft)	Sub Sea Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Closure Distance (ft)	Closure Azimuth (°)	Dogleg Rate (°/100ft)	Comments/ Formations
9800	95.5	92.0	2204	-4742	-1202	7665	7759	7759	98.9	0.0	
9900	95.5	92.0	2194	-4752	-1206	7765	7858	7858	98.8	0.0	
10000	95.5	92.0	2185	-4761	-1209	7864	7957	7957	98.7	0.0	
10100	95.5	92.0	2175	-4771	-1213	7964	8055	8056	98.7	0.0	
10200	95.5	92.0	2166	-4780	-1216	8063	8154	8154	98.6	0.0	
10300	95.5	92.0	2156	-4790	-1220	8163	8253	8253	98.5	0.0	
10400	95.5	92.0	2146	-4800	-1223	8262	8352	8352	98.4	0.0	
10455	95.5	92.0	2141	-4805	-1225	8317	8407	8407	98.4	0.0	EBC #7 Lat 1 ST1 BHL

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
-hit/miss target										
-Shape										
EBC #7 Lat 1 ST1 BHL			2141	-1225	8317	+1186704	+2454231	37.16439076° N	107.37300464° W	
- proposal hits the target center										
- Point										

Checked By:	Approved By:	Date:
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