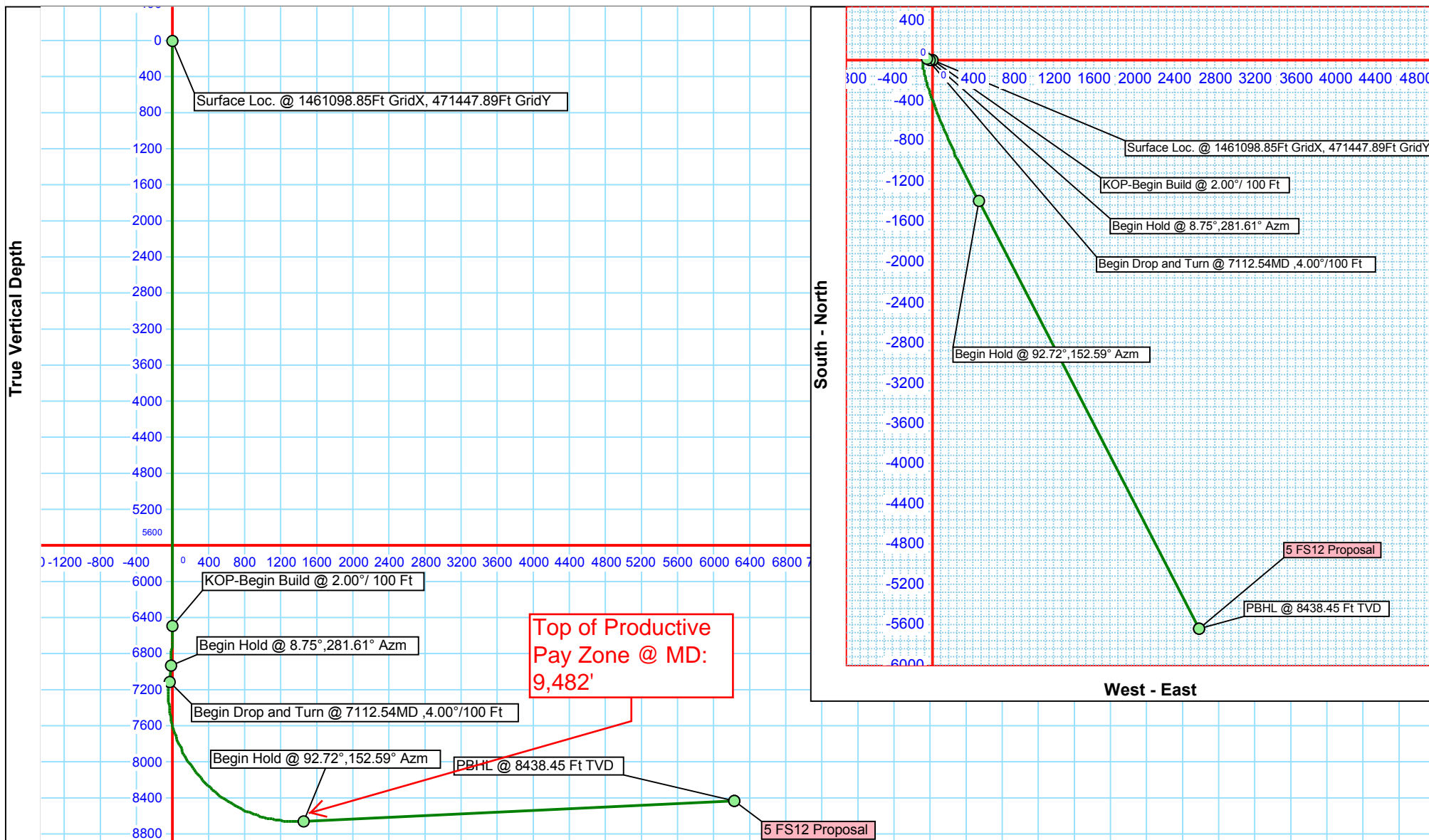
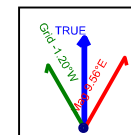




Job Number:  
Company: SG Interests  
Lease/Well: **Falcon Seaboard 11-90 12 #5**  
Location:  
Rig Name:  
State/County: Colorado/ Gunnison  
Country:  
API Number:

Elevation (To MSL): 7545.00 ft  
RKB: 20.00 ft  
Projection System: US State Plane 1927 (Exact solution)  
Projection Group: Colorado Central 502  
Projection Datum: CLARKE 1866  
Magnetic Declination: 9.56  
Grid Convergence: -1.19774 W  
Date: Tuesday, December 23, 2014



Vertical Section (400 Ft/Div) VSP: 153.70°

# Calculated by HawkEye Software

<b>Job Number:</b>	<b>Elevation GL: 7545.00 ft</b>
<b>Company: SG Interests</b>	<b>RKB: 20.00 ft</b>
<b>Lease/Well: Falcon Seaboard 11-90-12 #5</b>	<b>Projection System: US State Plane 1927 (Exact solution)</b>
<b>Location:</b>	<b>Projection Group: Colorado Central 502</b>
<b>Rig Name:</b>	<b>Projection Datum: CLARKE 1866</b>
<b>State/County: Colorado/ Gunnison</b>	<b>Magnetic Declination: 9.56°</b>
<b>Country:</b>	<b>Grid Convergence: -1.19774 W</b>
	<b>Date: Tuesday, December 23, 2014</b>

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS %/100	Easting (US ft)	Northing (US ft)	Latitude Dec. Deg	Longitude Dec. Deg
.00	.00	.00	.00	.00	.00	.00	.00	1461098.85	471447.89	39.1123793	-107.3993777
6500.00	.00	281.61	6500.00	.00	.00	.00	.00	1461098.86	471447.89	39.1123793	-107.3993777
6530.00	.60	281.61	6530.00	.03	-.15	-.10	2.00	1461098.70	471447.92	39.1123794	-107.3993782
6560.00	1.20	281.61	6560.00	.13	-.62	-.39	2.00	1461098.24	471448.03	39.1123796	-107.3993799
6590.00	1.80	281.61	6589.99	.28	-1.38	-.87	2.00	1461097.48	471448.20	39.1123801	-107.3993826
6620.00	2.40	281.61	6619.96	.51	-2.46	-1.54	2.00	1461096.41	471448.44	39.1123807	-107.3993864
6650.00	3.00	281.61	6649.93	.79	-3.85	-2.41	2.00	1461095.03	471448.76	39.1123815	-107.3993912
6680.00	3.60	281.61	6679.88	1.14	-5.54	-3.47	2.00	1461093.34	471449.14	39.1123824	-107.3993972
6710.00	4.20	281.61	6709.81	1.55	-7.54	-4.73	2.00	1461091.35	471449.59	39.1123835	-107.3994043
6740.00	4.80	281.61	6739.72	2.02	-9.84	-6.17	2.00	1461089.06	471450.11	39.1123848	-107.3994124
6770.00	5.40	281.61	6769.60	2.56	-12.45	-7.81	2.00	1461086.46	471450.70	39.1123863	-107.3994216
6800.00	6.00	281.61	6799.45	3.16	-15.37	-9.64	2.00	1461083.55	471451.36	39.1123879	-107.3994319
6830.00	6.60	281.61	6829.27	3.82	-18.60	-11.67	2.00	1461080.34	471452.09	39.1123898	-107.3994432
6860.00	7.20	281.61	6859.05	4.55	-22.13	-13.88	2.00	1461076.83	471452.89	39.1123918	-107.3994557
6890.00	7.80	281.61	6888.80	5.34	-25.96	-16.29	2.00	1461073.01	471453.76	39.1123939	-107.3994692
6920.00	8.40	281.61	6918.50	6.19	-30.10	-18.88	2.00	1461068.89	471454.69	39.1123963	-107.3994838
6937.48	8.75	281.61	6935.79	6.71	-32.66	-20.49	2.00	1461066.34	471455.27	39.1123977	-107.3994928
7112.54	8.75	281.61	7108.80	12.07	-58.74	-36.85	.00	1461040.38	471461.17	39.1124124	-107.3995847
7142.54	8.06	274.89	7138.48	12.71	-63.07	-39.34	4.00	1461036.06	471461.90	39.1124141	-107.3996000
7172.54	7.50	267.04	7168.20	12.79	-67.12	-41.20	4.00	1461032.01	471462.06	39.1124144	-107.3996143
7202.54	7.10	258.13	7197.96	12.30	-70.89	-42.44	4.00	1461028.24	471461.66	39.1124130	-107.3996275
7232.54	6.88	248.41	7227.74	11.26	-74.37	-43.05	4.00	1461024.73	471460.69	39.1124102	-107.3996398
7262.54	6.87	238.37	7257.53	9.66	-77.57	-43.03	4.00	1461021.50	471459.15	39.1124058	-107.3996511
7292.54	7.07	228.60	7287.31	7.50	-80.49	-42.38	4.00	1461018.54	471457.05	39.1123998	-107.3996614
7322.54	7.45	219.60	7317.07	4.78	-83.11	-41.11	4.00	1461015.86	471454.38	39.1123924	-107.3996706
7352.54	8.00	211.65	7346.79	1.50	-85.45	-39.21	4.00	1461013.46	471451.16	39.1123834	-107.3996788
7382.54	8.68	204.82	7376.48	-2.33	-87.49	-36.68	4.00	1461011.33	471447.37	39.1123728	-107.3996860
7412.54	9.46	199.04	7406.10	-6.72	-89.25	-33.52	4.00	1461009.49	471443.02	39.1123608	-107.3996922
7442.54	10.32	194.17	7435.66	-11.65	-90.71	-29.74	4.00	1461007.93	471438.11	39.1123472	-107.3996974
7472.54	11.25	190.08	7465.13	-17.14	-91.88	-25.34	4.00	1461006.64	471432.65	39.1123322	-107.3997015
7502.54	12.22	186.61	7494.50	-23.17	-92.76	-20.32	4.00	1461005.64	471426.64	39.1123156	-107.3997046
7532.54	13.23	183.65	7523.76	-29.75	-93.34	-14.68	4.00	1461004.92	471420.07	39.1122975	-107.3997066
7562.54	14.27	181.11	7552.90	-36.87	-93.63	-8.43	4.00	1461004.48	471412.96	39.1122780	-107.3997076
7592.54	15.33	178.91	7581.91	-44.53	-93.63	-1.56	4.00	1461004.33	471405.30	39.1122569	-107.3997076
7622.54	16.41	177.00	7610.77	-52.73	-93.33	5.92	4.00	1461004.45	471397.10	39.1122344	-107.3997066
7652.54	17.50	175.31	7639.46	-61.46	-92.74	14.00	4.00	1461004.86	471388.36	39.1122105	-107.3997045
7682.54	18.61	173.82	7667.99	-70.71	-91.86	22.69	4.00	1461005.56	471379.09	39.1121851	-107.3997014
7712.54	19.73	172.49	7696.32	-80.49	-90.68	31.98	4.00	1461006.53	471369.29	39.1121582	-107.3996972
7742.54	20.85	171.30	7724.46	-90.79	-89.21	41.86	4.00	1461007.79	471358.97	39.1121300	-107.3996920
7772.54	21.99	170.23	7752.39	-101.60	-87.45	52.34	4.00	1461009.32	471348.12	39.1121003	-107.3996858
7802.54	23.13	169.25	7780.09	-112.92	-85.40	63.40	4.00	1461011.14	471336.76	39.1120692	-107.3996786
7832.54	24.27	168.37	7807.56	-124.75	-83.05	75.04	4.00	1461013.24	471324.88	39.1120367	-107.3996703
7862.54	25.42	167.56	7834.78	-137.08	-80.42	87.26	4.00	1461015.61	471312.50	39.1120029	-107.3996610
7892.54	26.58	166.81	7861.75	-149.90	-77.50	100.05	4.00	1461018.27	471299.62	39.1119676	-107.3996507
7922.54	27.74	166.12	7888.44	-163.21	-74.30	113.40	4.00	1461021.20	471286.24	39.1119311	-107.3996394
7952.54	28.90	165.49	7914.85	-177.01	-70.81	127.31	4.00	1461024.40	471272.38	39.1118932	-107.3996271
7982.54	30.06	164.90	7940.96	-191.28	-67.03	141.78	4.00	1461027.88	471258.03	39.1118540	-107.3996138
8012.54	31.23	164.34	7966.77	-206.03	-62.97	156.80	4.00	1461031.63	471243.21	39.1118136	-107.3995995
8042.54	32.40	163.83	7992.27	-221.23	-58.64	172.35	4.00	1461035.65	471227.91	39.1117718	-107.3995842
8072.54	33.57	163.35	8017.43	-236.90	-54.02	188.44	4.00	1461039.94	471212.16	39.1117288	-107.3995679

O:\01 Bull Mountain Unit\011 Wells\Falcon Seaboard 11\_90\_12\_5(B

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Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	NS (Ft)	EW (Ft)	VS (Ft)	DLS %/100	Easting (US ft)	Northing (US ft)	Latitude Dec. Deg	Longitude Dec. Deg
8102.54	34.74	162.89	8042.26	-253.02	-49.13	205.06	4.00	1461044.50	471195.94	39.1116845	-107.3995506
8132.54	35.92	162.46	8066.73	-269.58	-43.96	222.19	4.00	1461049.32	471179.28	39.1116391	-107.3995324
8162.54	37.09	162.06	8090.85	-286.57	-38.53	239.84	4.00	1461054.41	471162.17	39.1115924	-107.3995133
8192.54	38.27	161.68	8114.59	-304.00	-32.82	257.99	4.00	1461059.75	471144.63	39.1115446	-107.3994931
8222.54	39.45	161.31	8137.95	-321.85	-26.84	276.64	4.00	1461065.36	471126.66	39.1114956	-107.3994721
8252.54	40.63	160.97	8160.92	-340.11	-20.61	295.77	4.00	1461071.22	471108.28	39.1114454	-107.3994501
8282.54	41.81	160.64	8183.49	-358.78	-14.11	315.39	4.00	1461077.33	471089.48	39.1113942	-107.3994271
8312.54	42.99	160.32	8205.64	-377.84	-7.35	335.47	4.00	1461083.69	471070.28	39.1113418	-107.3994033
8342.54	44.17	160.02	8227.37	-397.29	-.33	356.02	4.00	1461090.31	471050.69	39.1112884	-107.3993786
8372.54	45.35	159.73	8248.67	-417.13	6.94	377.02	4.00	1461097.16	471030.71	39.1112340	-107.3993529
8402.54	46.53	159.45	8269.54	-437.33	14.46	398.47	4.00	1461104.26	471010.35	39.1111785	-107.3993264
8432.54	47.72	159.19	8289.95	-457.90	22.22	420.35	4.00	1461111.60	470989.62	39.1111220	-107.3992990
8462.54	48.90	158.93	8309.90	-478.82	30.23	442.65	4.00	1461119.17	470968.54	39.1110646	-107.3992708
8492.54	50.09	158.68	8329.38	-500.09	38.47	465.37	4.00	1461126.97	470947.11	39.1110062	-107.3992417
8522.54	51.27	158.45	8348.39	-521.70	46.95	488.50	4.00	1461135.01	470925.33	39.1109469	-107.3992118
8552.54	52.46	158.21	8366.92	-543.62	55.67	512.02	4.00	1461143.26	470903.23	39.1108867	-107.3991811
8582.54	53.65	157.99	8384.95	-565.87	64.61	535.92	4.00	1461151.74	470880.80	39.1108256	-107.3991496
8612.54	54.83	157.77	8402.48	-588.42	73.78	560.20	4.00	1461160.44	470858.06	39.1107637	-107.3991172
8642.54	56.02	157.56	8419.50	-611.27	83.16	584.84	4.00	1461169.35	470835.03	39.1107009	-107.3990841
8672.54	57.21	157.36	8436.01	-634.41	92.77	609.84	4.00	1461178.48	470811.70	39.1106374	-107.3990503
8702.54	58.40	157.16	8452.00	-657.82	102.58	635.18	4.00	1461187.80	470788.09	39.1105731	-107.3990157
8732.54	59.59	156.96	8467.45	-681.50	112.60	660.84	4.00	1461197.34	470764.21	39.1105081	-107.3989803
8762.54	60.77	156.77	8482.37	-705.43	122.83	686.83	4.00	1461207.06	470740.07	39.1104424	-107.3989443
8792.54	61.96	156.59	8496.74	-729.61	133.25	713.13	4.00	1461216.99	470715.68	39.1103760	-107.3989075
8822.54	63.15	156.40	8510.57	-754.02	143.87	739.72	4.00	1461227.10	470691.05	39.1103090	-107.3988701
8852.54	64.34	156.23	8523.84	-778.66	154.68	766.60	4.00	1461237.39	470666.19	39.1102414	-107.3988320
8882.54	65.53	156.05	8536.55	-803.51	165.67	793.75	4.00	1461247.87	470641.12	39.1101731	-107.3987932
8912.54	66.72	155.88	8548.69	-828.57	176.85	821.16	4.00	1461258.52	470615.84	39.1101043	-107.3987538
8942.54	67.91	155.71	8560.26	-853.81	188.20	848.82	4.00	1461269.35	470590.36	39.1100350	-107.3987138
8972.54	69.10	155.55	8571.25	-879.24	199.71	876.71	4.00	1461280.34	470564.70	39.1099652	-107.3986732
9002.54	70.29	155.38	8581.66	-904.83	211.40	904.84	4.00	1461291.49	470538.87	39.1098950	-107.3986320
9032.54	71.48	155.22	8591.49	-930.59	223.24	933.17	4.00	1461302.79	470512.88	39.1098243	-107.3985903
9062.54	72.67	155.07	8600.72	-956.49	235.24	961.70	4.00	1461314.25	470486.74	39.1097532	-107.3985479
9092.54	73.86	154.91	8609.36	-982.52	247.39	990.43	4.00	1461325.86	470460.46	39.1096817	-107.3985051
9122.54	75.05	154.76	8617.39	-1008.68	259.68	1019.32	4.00	1461337.61	470434.05	39.1096099	-107.3984618
9152.54	76.24	154.60	8624.83	-1034.95	272.11	1048.38	4.00	1461349.49	470407.53	39.1095377	-107.3984180
9182.54	77.43	154.45	8631.66	-1061.32	284.67	1077.59	4.00	1461361.51	470380.90	39.1094653	-107.3983737
9212.54	78.63	154.30	8637.88	-1087.78	297.36	1106.94	4.00	1461373.65	470354.18	39.1093927	-107.3983289
9242.54	79.82	154.15	8643.49	-1114.32	310.18	1136.40	4.00	1461385.91	470327.38	39.1093198	-107.3982837
9272.54	81.01	154.01	8648.49	-1140.93	323.11	1165.98	4.00	1461398.29	470300.52	39.1092468	-107.3982382
9302.54	82.20	153.86	8652.87	-1167.59	336.15	1195.66	4.00	1461410.77	470273.60	39.1091736	-107.3981922
9332.54	83.39	153.71	8656.63	-1194.29	349.29	1225.42	4.00	1461423.36	470246.63	39.1091003	-107.3981458
9362.54	84.58	153.57	8659.77	-1221.02	362.54	1255.26	4.00	1461436.05	470219.63	39.1090269	-107.3980991
9392.54	85.77	153.43	8662.30	-1247.77	375.88	1285.15	4.00	1461448.84	470192.60	39.1089534	-107.3980521
9422.54	86.96	153.28	8664.20	-1274.53	389.31	1315.09	4.00	1461461.71	470165.57	39.1088800	-107.3980048
9452.54	88.16	153.14	8665.47	-1301.29	402.81	1345.06	4.00	1461474.66	470138.54	39.1088065	-107.3979571
9482.54	89.35	153.00	8666.13	-1328.03	416.40	1375.05	4.00	1461487.69	470111.53	39.1087331	-107.3979093
9512.54	90.54	152.85	8666.16	-1354.74	430.05	1405.05	4.00	1461500.79	470084.54	39.1086598	-107.3978611
9542.54	91.73	152.71	8665.56	-1381.41	443.77	1435.04	4.00	1461513.95	470057.59	39.1085865	-107.3978127
9567.34	92.72	152.59	8664.60	-1403.42	455.16	1459.82	4.00	1461524.88	470035.35	39.1085261	-107.3977726
14340.77	92.72	152.59	8438.45	-5636.24	2650.10	6226.99	.00	1463631.77	465758.02	39.0969048	-107.3900358