



Crestone Peak Resources



Plan 0

Borehole: Original Hole	Well: State Pikes 4-65 36-31-32 1AH	Field: CO, Arapahoe County (NAD 83 CZ)	Structure: Crestone Peak 35-04S-65W (State Bierstadt Pike North 2 Pad)
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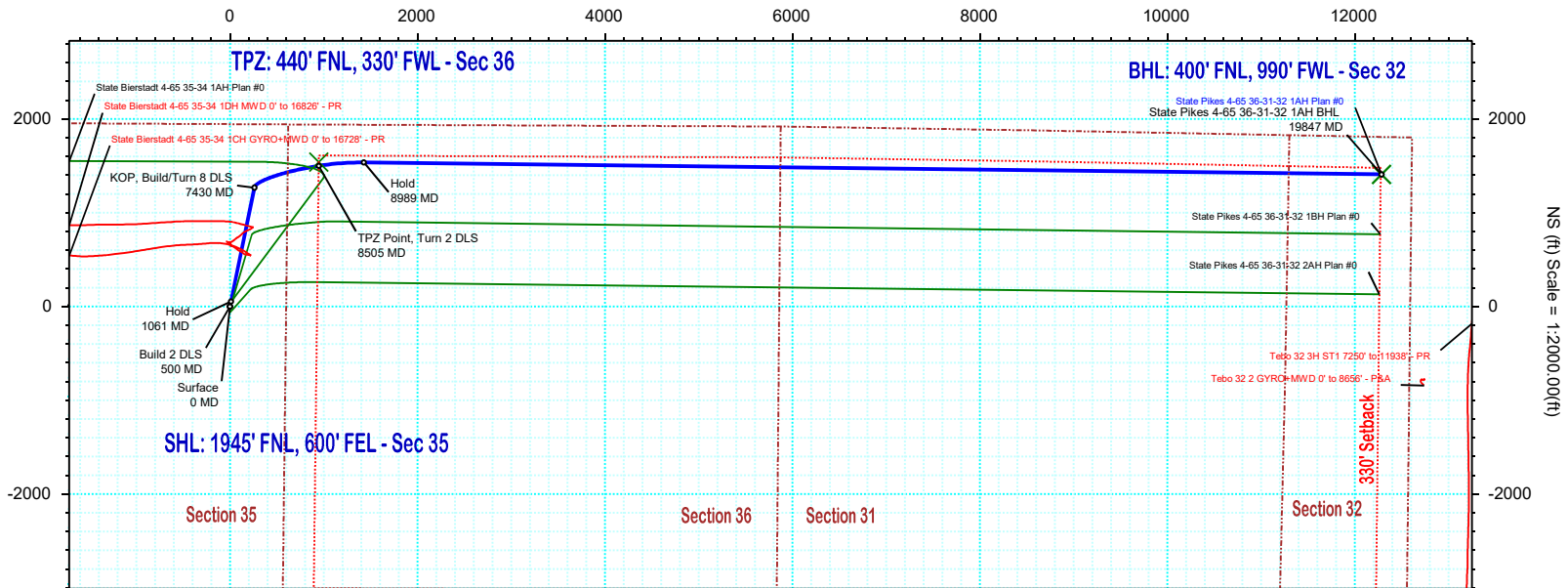
Gravity & Magnetic Parameters		Surface Location NAD83 Colorado State Plane, Central Zone, US Feet			Miscellaneous	
Model: HDGM 2020	Dip: 66.355°	Date: 16-Mar-2021	Lat: N 39 39 43.12	Northing: 1667192.38ftUS	Grid Conv: 0.5522°	Slot: State Pikes 4-65 36-31-32 1AH
MagDec: 8.451°	FS: 51540.446nT	Gravity FS: 998.899mgn (9.80665 Based)	Lon: W 104 37 27.99	Easting: 3246496.38ftUS	Scale Fact: 0.99998377	TVD Ref: KB 13ft(5883.3ft above MSL)
						Plan: State Pikes 4-65 36-31-32 1AH Plan #0

Proposal

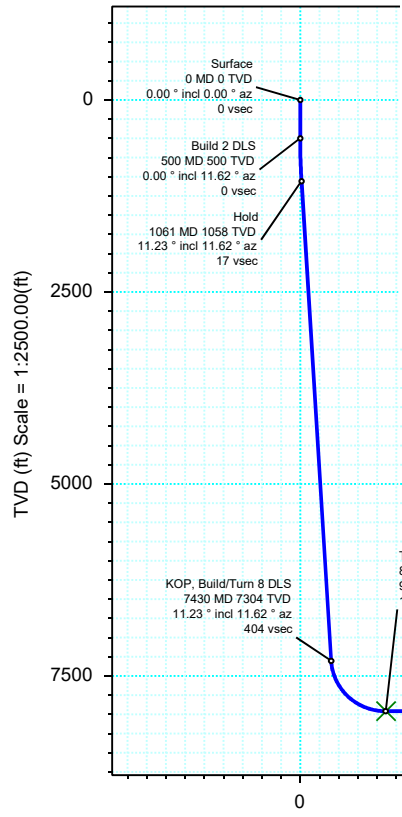
EW (ft) Scale = 1:2000.00(ft)



True North
Tot Corr (M->T 8.451°)
Mag Dec (8.451°)
Grid Conv (0.552°)



NS (ft) Scale = 1:2000.00(ft)



Vertical Section (ft) Azim = 83.46° Scale = 1:2500.00(ft) Origin = 0N/-S, 0E/-W

Target Description		Surface Location						Local Coord	
Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)		
N 39 39 43.12	W 104 37 27.99	1667192.38	3246496.38	5883.30	0.00	0.00	0.00		
N 39 39 43.12	W 104 37 27.99	1667192.38	3246496.38	5883.30	0.00	0.00	0.00		
N 39 39 43.12	W 104 37 27.99	1667192.38	3246496.38	5883.30	0.00	0.00	0.00		
N 39 39 43.12	W 104 37 27.99	1667192.38	3246496.38	5883.30	0.00	0.00	0.00		
N 39 39 57.02	W 104 34 50.88	1668719.35	3258768.31	7960.00	12366.79	1408.65	12286.30		
N 39 39 58.35	W 104 37 15.87	1668741.92	3247429.65	7960.00	1117.47	1540.50	948.17		

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Build 2 DLS	500.00	0.00	11.62	500.00	0.00	0.00	0.00	0.00
Hold	1061.45	11.23	11.62	1057.86	17.10	53.72	11.05	2.00
KOP, Build/Turn 8 DLS	7429.65	11.23	11.62	7304.15	403.69	1268.36	260.91	0.00
TPZ Point, Turn 2 DLS	8505.48	90.00	81.00	7960.00	1112.31	1500.50	947.56	8.00
Hold	8988.97	90.00	90.67	7960.00	1594.81	1535.57	1429.20	2.00
State Pikes 4-65 36-31-32 1AH BHL	19846.81	90.00	90.67	7960.00	12366.79	1408.65	12286.30	0.00

State Pikes 4-65 36-31-32 1AH Plan #0 Proposal Geodetic Report



(Def Plan)

Report Date: March 22, 2021 - 09:13 AM
Client: Crestone Peak Resources
Field: CO, Arapahoe County (NAD 83 CZ)
Structure / Slot: Crestone Peak 35-04S-65W (State Bierstadt Pike North 2 Pad) / State Pikes 4-65 36-31-32 1AH
Well: State Pikes 4-65 36-31-32 1AH
Borehole: Original Hole
UWI / API#: Unknown / Unknown
Survey Name: State Pikes 4-65 36-31-32 1AH Plan #0
Survey Date: March 16, 2021
Tort / AHD / DDI / ERD Ratio: 106.966 ° / 13374.480 ft / 6.552 / 1.680
Coordinate Reference System: NAD83 Colorado State Plane, Central Zone, US Feet
Location Lat / Long: N 39° 39' 43.12440", W 104° 37' 27.99120"
Location Grid N/E W/YX: N 1667192.380 ftUS, E 3246496.385 ftUS
CRS Grid Convergence Angle: 0.5522 °
Grid Scale Factor: 0.99998377
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 83.459 ° (True North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: KB 13ft
TVD Reference Elevation: 5883.300 ft above MSL
Seabed / Ground Elevation: 5870.300 ft above MSL
Magnetic Declination: 8.451 °
Total Gravity Field Strength: 998.8985mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 51540.446 nT
Magnetic Dip Angle: 66.355 °
Declination Date: March 16, 2021
Magnetic Declination Model: HDGM 2020
North Reference: True North
Grid Convergence Used: 0.0000 °
Total Corr Mag North->True North: 8.4505 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
Surface	0.00	0.00			-5883.30	0.00	0.00	0.00	N/A	1667192.38	3246496.38	39.661979	-104.624442
	100.00	0.00	11.62	100.00	-5783.30	0.00	0.00	0.00	0.00	1667192.38	3246496.38	39.661979	-104.624442
	200.00	0.00	11.62	200.00	-5683.30	0.00	0.00	0.00	0.00	1667192.38	3246496.38	39.661979	-104.624442
	300.00	0.00	11.62	300.00	-5583.30	0.00	0.00	0.00	0.00	1667192.38	3246496.38	39.661979	-104.624442
	400.00	0.00	11.62	400.00	-5483.30	0.00	0.00	0.00	0.00	1667192.38	3246496.38	39.661979	-104.624442
Build 2 DLS	500.00	0.00	11.62	500.00	-5383.30	0.00	0.00	0.00	0.00	1667192.38	3246496.38	39.661979	-104.624442
	600.00	2.00	11.62	599.98	-5283.32	0.54	1.71	0.35	2.00	1667194.09	3246496.72	39.661984	-104.624441
	700.00	4.00	11.62	699.84	-5183.46	2.18	6.84	1.41	2.00	1667199.23	3246497.73	39.661998	-104.624437
	800.00	6.00	11.62	799.45	-5083.85	4.89	15.37	3.16	2.00	1667207.78	3246499.40	39.662021	-104.624431
	900.00	8.00	11.62	898.70	-4984.60	8.69	27.31	5.62	2.00	1667219.74	3246501.74	39.662054	-104.624422
	1000.00	10.00	11.62	997.47	-4885.83	13.57	42.63	8.77	2.00	1667235.09	3246504.74	39.662096	-104.624411
Hold	1061.45	11.23	11.62	1057.86	-4825.44	17.10	53.72	11.05	2.00	1667246.20	3246506.92	39.662126	-104.624403
	1100.00	11.23	11.62	1095.67	-4787.63	19.44	61.07	12.56	0.00	1667253.57	3246508.36	39.662147	-104.624397
	1200.00	11.23	11.62	1193.76	-4689.54	25.51	80.14	16.49	0.00	1667272.68	3246512.10	39.662199	-104.624383
	1300.00	11.23	11.62	1291.85	-4591.45	31.58	99.22	20.41	0.00	1667291.79	3246515.84	39.662251	-104.624370
	1400.00	11.23	11.62	1389.93	-4493.37	37.65	118.29	24.33	0.00	1667310.90	3246519.58	39.662304	-104.624356
	1500.00	11.23	11.62	1488.02	-4395.28	43.72	137.36	28.26	0.00	1667330.01	3246523.32	39.662356	-104.624342
	1600.00	11.23	11.62	1586.10	-4297.20	49.79	156.44	32.18	0.00	1667349.12	3246527.06	39.662408	-104.624328
	1700.00	11.23	11.62	1684.19	-4199.11	55.86	175.51	36.10	0.00	1667368.23	3246530.79	39.662461	-104.624314
	1800.00	11.23	11.62	1782.27	-4101.03	61.93	194.59	40.03	0.00	1667387.34	3246534.53	39.662513	-104.624300
	1900.00	11.23	11.62	1880.36	-4002.94	68.00	213.66	43.95	0.00	1667406.45	3246538.27	39.662566	-104.624286
	2000.00	11.23	11.62	1978.45	-3904.85	74.07	232.73	47.87	0.00	1667425.56	3246542.01	39.662618	-104.624272
	2100.00	11.23	11.62	2076.53	-3806.77	80.14	251.81	51.80	0.00	1667444.67	3246545.75	39.662670	-104.624258
	2200.00	11.23	11.62	2174.62	-3708.68	86.21	270.88	55.72	0.00	1667463.78	3246549.49	39.662723	-104.624244
	2300.00	11.23	11.62	2272.70	-3610.60	92.28	289.95	59.65	0.00	1667482.89	3246553.23	39.662775	-104.624230
	2400.00	11.23	11.62	2370.79	-3512.51	98.35	309.03	63.57	0.00	1667502.00	3246556.97	39.662827	-104.624216
	2500.00	11.23	11.62	2468.87	-3414.43	104.43	328.10	67.49	0.00	1667521.11	3246560.71	39.662880	-104.624202
	2600.00	11.23	11.62	2566.96	-3316.34	110.50	347.17	71.42	0.00	1667540.22	3246564.45	39.662932	-104.624188
	2700.00	11.23	11.62	2665.05	-3218.25	116.57	366.25	75.34	0.00	1667559.33	3246568.19	39.662984	-104.624174
	2800.00	11.23	11.62	2763.13	-3120.17	122.64	385.32	79.26	0.00	1667578.44	3246571.93	39.663037	-104.624160
	2900.00	11.23	11.62	2861.22	-3022.08	128.71	404.40	83.19	0.00	1667597.55	3246575.67	39.663089	-104.624147
	3000.00	11.23	11.62	2959.30	-2924.00	134.78	423.47	87.11	0.00	1667616.66	3246579.41	39.663142	-104.624133
	3100.00	11.23	11.62	3057.39	-2825.91	140.85	442.54	91.03	0.00	1667635.77	3246583.15	39.663194	-104.624119
	3200.00	11.23	11.62	3155.47	-2727.83	146.92	461.62	94.96	0.00	1667654.88	3246586.89	39.663246	-104.624105
	3300.00	11.23	11.62	3253.56	-2629.74	152.99	480.69	98.88	0.00	1667673.99	3246590.63	39.663299	-104.624091
	3400.00	11.23	11.62	3351.65	-2531.65	159.06	499.76	102.80	0.00	1667693.10	3246594.37	39.663351	-104.624077
	3500.00	11.23	11.62	3449.73	-2433.57	165.13	518.84	106.73	0.00	1667712.21	3246598.11	39.663403	-104.624063
	3600.00	11.23	11.62	3547.82	-2335.48	171.20	537.91	110.65	0.00	1667731.32	3246601.84	39.663456	-104.624049
	3700.00	11.23	11.62	3645.90	-2237.40	177.27	556.98	114.57	0.00	1667750.43	3246605.58	39.663508	-104.624035
	3800.00	11.23	11.62	3743.99	-2139.31	183.34	576.06	118.50	0.00	1667769.54	3246609.32	39.663560	-104.624021
	3900.00	11.23	11.62	3842.07	-2041.23	189.41	595.13	122.42	0.00	1667788.65	3246613.06	39.663613	-104.624007
	4000.00	11.23	11.62	3940.16	-1943.14	195.48	614.21	126.35	0.00	1667807.76	3246616.80	39.663665	-104.623993
	4100.00	11.23	11.62	4038.25	-1845.05	201.56	633.28	130.27	0.00	1667826.87	3246620.54	39.663717	-104.623979
	4200.00	11.23	11.62	4136.33	-1746.97	207.63	652.35	134.19	0.00	1667845.98	3246624.28	39.663770	-104.623965
	4300.00	11.23	11.62	4234.42	-1648.88	213.70	671.43	138.12	0.00	1667865.09	3246628.02	39.663822	-104.623951
	4400.00	11.23	11.62	4332.50	-1550.80	219.77	690.50	142.04	0.00	1667884.20	3246631.76	39.663875	-104.623937
	4500.00	11.23	11.62	4430.59	-1452.71	225.84	709.57	145.96	0.00	1667903.31	3246635.50	39.663927	-104.623923
	4600.00	11.23	11.62	4528.67	-1354.63	231.91	728.65	149.89	0.00	1667922.42	3246639.24	39.663979	-104.623910
	4700.00	11.23	11.62	4626.76	-1256.54	237.98	747.72	153.81	0.00	1667941.53	3246642.98	39.664032	-104.623896
	4800.00	11.23	11.62	4724.85	-1158.45	244.05	766.79	157.73	0.00	1667960.64	3246646.72	39.664084	-104.623882
	4900.00	11.23	11.62	4822.93	-1060.37	250.12	785.87	161.66	0.00	1667979.75	3246650.46	39.664136	-104.623868
	5000.00	11.23	11.62	4921.02	-962.28	256.19	804.94	165.58	0.00	1667998.86	3246654.20	39.664189	-104.623854
	5100.00	11.23	11.62	5019.10	-864.20	262.26	824.02	169.50	0.00	1668017.97	3246657.94	39.664241	-104.623840
	5200.00	11.23	11.62	5117.19	-766.11	268.33	843.09	173.43	0.00	1668037.08	3246661.68	39.664293	-104.623826
	5300.00	11.23	11.62	5215.27	-668.03	274.40	862.16	177.35	0.00	1668056.20	3246665.42	39.664346	-104.623812
	5400.00	11.23	11.62	5313.36	-569.94	280.47	881.24	181.28	0.00	1668075.31	3246669.16	39.664398	-104.623798
	5500.00	11.23	11.62	5411.44	-471.86	286.54	900.31	185.20	0.00	1668094.42	3246672.90	39.664451	-104.623784
	5600.00	11.23	11.62	5509.53	-373.77	292.61	919.38	189.12	0.00	1668113.53	3246676.63	39.664503	-104.623770
	5700.00	11.23	11.62	5607.62	-275.68	298.69	938.46	193.05	0.00	1668132.64	3246680.37	39.664555	-104.623756
	5800.00	11.23	11.62	5705.70	-177.60	304.76	957.53	196.97	0.00	1668151.75	3246684.11	39.664608	-104.623742
	5900.00	11.23	11.62	5803.79	-79.51	310.83	976.61	200.89	0.00	1668170.86	3246687.85	39.664660	-104.623728
	6000.00	11.23	11.62	5901.87	18.57	316.90	995.68	204.82	0.00	1668189.97	3246691.59	39.664712	-

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
	8300.00	73.85	77.91	7931.22	2047.92	910.05	1463.51	748.22	8.00	1668663.01	3247230.45	39.665997	-104.621784
	8400.00	81.70	79.45	7952.38	2069.08	1007.36	1482.66	843.97	8.00	1668663.08	3247326.01	39.666049	-104.621444
	8500.00	89.57	80.92	7959.98	2076.68	1106.83	1499.64	942.14	8.00	1668701.00	3247424.02	39.666096	-104.621095
TPZ Point, Turn 2 DLS	8505.48	90.00	81.00	7960.00	2076.70	1112.31	1500.50	947.56	8.00	1668701.91	3247429.42	39.666098	-104.621076
	8600.00	90.00	82.89	7960.00	2076.70	1206.79	1513.74	1041.14	2.00	1668716.06	3247522.87	39.666135	-104.620744
	8700.00	90.00	84.89	7960.00	2076.70	1306.78	1526.97	1140.57	2.00	1668727.96	3247622.19	39.666184	-104.620391
	8800.00	90.00	86.89	7960.00	2076.70	1406.68	1541.55	1240.30	2.00	1668735.79	3247721.85	39.666183	-104.620036
	8900.00	90.00	88.89	7960.00	2076.70	1506.38	1556.23	1340.23	2.00	1668740.43	3247821.73	39.666193	-104.619681
	8988.97	90.00	90.67	7960.00	2076.70	1594.81	1535.57	1429.20	2.00	1668741.63	3247919.69	39.666194	-104.619365
Hold	9000.00	90.00	90.67	7960.00	2076.70	1605.75	1535.45	1440.23	0.00	1668741.61	3247921.72	39.666194	-104.619326
	9100.00	90.00	90.67	7960.00	2076.70	1704.96	1534.28	1540.22	0.00	1668741.40	3248021.72	39.666191	-104.618971
	9200.00	90.00	90.67	7960.00	2076.70	1804.17	1533.11	1640.21	0.00	1668741.20	3248121.72	39.666188	-104.618616
	9300.00	90.00	90.67	7960.00	2076.70	1903.38	1531.94	1740.21	0.00	1668740.99	3248221.71	39.666184	-104.618261
	9400.00	90.00	90.67	7960.00	2076.70	2002.59	1530.77	1840.20	0.00	1668740.79	3248321.71	39.666181	-104.617905
	9500.00	90.00	90.67	7960.00	2076.70	2101.80	1529.60	1940.19	0.00	1668740.58	3248421.71	39.666178	-104.617550
	9600.00	90.00	90.67	7960.00	2076.70	2201.00	1528.43	2040.19	0.00	1668740.37	3248521.71	39.666175	-104.617195
	9700.00	90.00	90.67	7960.00	2076.70	2300.21	1527.26	2140.18	0.00	1668740.17	3248621.71	39.666171	-104.616840
	9800.00	90.00	90.67	7960.00	2076.70	2399.42	1526.09	2240.17	0.00	1668739.96	3248721.70	39.666168	-104.616485
	9900.00	90.00	90.67	7960.00	2076.70	2498.63	1524.93	2340.16	0.00	1668739.76	3248821.70	39.666165	-104.616129
	10000.00	90.00	90.67	7960.00	2076.70	2597.84	1523.76	2440.16	0.00	1668739.55	3248921.70	39.666162	-104.615774
	10100.00	90.00	90.67	7960.00	2076.70	2697.05	1522.59	2540.15	0.00	1668739.35	3249021.70	39.666159	-104.615419
	10200.00	90.00	90.67	7960.00	2076.70	2796.26	1521.42	2640.14	0.00	1668739.14	3249121.70	39.666156	-104.615064
	10300.00	90.00	90.67	7960.00	2076.70	2895.47	1520.25	2740.14	0.00	1668738.94	3249221.69	39.666152	-104.614709
	10400.00	90.00	90.67	7960.00	2076.70	2994.68	1519.08	2840.13	0.00	1668738.73	3249321.69	39.666149	-104.614354
	10500.00	90.00	90.67	7960.00	2076.70	3093.89	1517.91	2940.12	0.00	1668738.53	3249421.69	39.666146	-104.613998
	10600.00	90.00	90.67	7960.00	2076.70	3193.10	1516.74	3040.12	0.00	1668738.32	3249521.69	39.666142	-104.613643
	10700.00	90.00	90.67	7960.00	2076.70	3292.31	1515.57	3140.11	0.00	1668738.12	3249621.69	39.666139	-104.613288
	10800.00	90.00	90.67	7960.00	2076.70	3391.51	1514.40	3240.10	0.00	1668737.91	3249721.68	39.666136	-104.612933
	10900.00	90.00	90.67	7960.00	2076.70	3490.72	1513.24	3340.10	0.00	1668737.71	3249821.68	39.666133	-104.612578
	11000.00	90.00	90.67	7960.00	2076.70	3589.93	1512.07	3440.09	0.00	1668737.50	3249921.68	39.666129	-104.612223
	11100.00	90.00	90.67	7960.00	2076.70	3689.14	1510.90	3540.08	0.00	1668737.30	3250021.68	39.666126	-104.611867
	11200.00	90.00	90.67	7960.00	2076.70	3788.35	1509.73	3640.08	0.00	1668737.09	3250121.68	39.666123	-104.611512
	11300.00	90.00	90.67	7960.00	2076.70	3887.56	1508.56	3740.07	0.00	1668736.89	3250221.67	39.666120	-104.611157
	11400.00	90.00	90.67	7960.00	2076.70	3986.77	1507.39	3840.06	0.00	1668736.68	3250321.67	39.666116	-104.610802
	11500.00	90.00	90.67	7960.00	2076.70	4085.98	1506.22	3940.06	0.00	1668736.48	3250421.67	39.666113	-104.610447
	11600.00	90.00	90.67	7960.00	2076.70	4185.19	1505.05	4040.05	0.00	1668736.27	3250521.67	39.666110	-104.610091
	11700.00	90.00	90.67	7960.00	2076.70	4284.40	1503.88	4140.04	0.00	1668736.07	3250621.67	39.666107	-104.609736
	11800.00	90.00	90.67	7960.00	2076.70	4383.61	1502.72	4240.03	0.00	1668735.86	3250721.66	39.666103	-104.609381
	11900.00	90.00	90.67	7960.00	2076.70	4482.82	1501.55	4340.03	0.00	1668735.66	3250821.66	39.666100	-104.609026
	12000.00	90.00	90.67	7960.00	2076.70	4582.03	1500.38	4440.02	0.00	1668735.45	3250921.66	39.666097	-104.608671
	12100.00	90.00	90.67	7960.00	2076.70	4681.23	1499.21	4540.01	0.00	1668735.25	3251021.66	39.666094	-104.608315
	12200.00	90.00	90.67	7960.00	2076.70	4780.44	1498.04	4640.01	0.00	1668735.04	3251121.65	39.666090	-104.607960
	12300.00	90.00	90.67	7960.00	2076.70	4879.65	1496.87	4740.00	0.00	1668734.84	3251221.65	39.666087	-104.607605
	12400.00	90.00	90.67	7960.00	2076.70	4978.86	1495.70	4839.99	0.00	1668734.63	3251321.65	39.666084	-104.607250
	12500.00	90.00	90.67	7960.00	2076.70	5078.07	1494.53	4939.99	0.00	1668734.42	3251421.65	39.666081	-104.606895
	12600.00	90.00	90.67	7960.00	2076.70	5177.28	1493.36	5039.98	0.00	1668734.22	3251521.65	39.666077	-104.606539
	12700.00	90.00	90.67	7960.00	2076.70	5276.49	1492.19	5139.97	0.00	1668734.01	3251621.64	39.666074	-104.606184
	12800.00	90.00	90.67	7960.00	2076.70	5375.70	1491.03	5239.97	0.00	1668733.81	3251721.64	39.666071	-104.605829
	12900.00	90.00	90.67	7960.00	2076.70	5474.91	1489.86	5339.96	0.00	1668733.60	3251821.64	39.666067	-104.605474
	13000.00	90.00	90.67	7960.00	2076.70	5574.12	1488.69	5439.95	0.00	1668733.40	3251921.64	39.666064	-104.605119
	13100.00	90.00	90.67	7960.00	2076.70	5673.33	1487.52	5539.95	0.00	1668733.19	3252021.64	39.666061	-104.604764
	13200.00	90.00	90.67	7960.00	2076.70	5772.54	1486.35	5639.94	0.00	1668732.99	3252121.63	39.666058	-104.604409
	13300.00	90.00	90.67	7960.00	2076.70	5871.75	1485.18	5739.93	0.00	1668732.78	3252221.63	39.666054	-104.604053
	13400.00	90.00	90.67	7960.00	2076.70	5970.96	1484.01	5839.93	0.00	1668732.58	3252321.63	39.666051	-104.603698
	13500.00	90.00	90.67	7960.00	2076.70	6070.16	1482.84	5939.92	0.00	1668732.37	3252421.63	39.666048	-104.603343
	13600.00	90.00	90.67	7960.00	2076.70	6169.37	1481.67	6039.91	0.00	1668732.17	3252521.62	39.666045	-104.602988
	13700.00	90.00	90.67	7960.00	2076.70	6268.58	1480.51	6139.90	0.00	1668731.96	3252621.62	39.666041	-104.602633
	13800.00	90.00	90.67	7960.00	2076.70	6367.79	1479.34	6239.90	0.00	1668731.76	3252721.62	39.666038	-104.602277
	13900.00	90.00	90.67	7960.00	2076.70	6467.00	1478.17	6339.89	0.00	1668731.55	3252821.62	39.666035	-104.601922
	14000.00	90.00	90.67	7960.00	2076.70	6566.21	1477.00	6439.88	0.00	1668731.35	3252921.62	39.666032	-104.601567
	14100.00	90.00	90.67	7960.00	2076.70	6665.42	1475.83	6539.88	0.00	1668731.14	3253021.62	39.666028	-104.601212
	14200.00	90.00	90.67	7960.00	2076.70	6764.63	1474.66	6639.87	0.00	1668730.94	3253121.61	39.666025	-104.600857
	14300.00	90.00	90.67	7960.00	2076.70	6863.84	1473.49	6739.86	0.00	1668730.73	3253221.61	39.666022	-104.600501
	14400.00	90.00	90.67	7960.00	2076.70	6963.05	1472.32	6839.86	0.00	1668730.53	3253321.61	39.666018	-104.600146
	14500.00	90.00	90.67	7960.00	2076.70	7062.26	1471.15	6939.85	0.00	1668730.32	3253421.61	39.666015	-104.599791
	14600.00	90.00	90.67	7960.00	2076.70	7161.47	1469.98	7039.84	0.00	1668730.12	3253521.61	39.666012	-104.599436
	14700.00	90.00	90.67	7960.00	2076.70	7260.67	1468.82	7139.84	0.00	1668729.91	3253621.60	39.666009	-104.599081
	14800.00	90.00	90.67	7960.00	2076.70	7359.88	1467.65	7239.83	0.00	1668729.71	3253721.60	39.666005	-104.598725
	14900.00	90.00	90.67	7960.00	2076.70	7459.09	1466.48	7339.82	0.00	1668729.50	3253821.60	39.666002	-104.598370
	15000.00	90.00	90.67	7960.00	2076.70	7558.30	1465.31	7439.82	0.00	1668729.30	3253921.60	39.665999	-104.598015
	15100.00	90.00	90.67	7960.00	2076.70	7657.51	1464.14	7539.81	0.00	1668729.09	3254021.60	39.665995	-104.597660
	15200.00	90.00	90.67	7960.00	2076.70	7756.72	1462.97	7639.80	0.00	166			

Comments	MD (ft)	Incl (°)	Azim True (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)
State Pikes 4-65 36-31-32 1AH BHL	19846.81	90.00	90.67	7960.00	2076.70	12366.79	1408.65	12286.30	0.00	1668719.35	3258768.31	39.665838	-104.580800

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	13.000	1/100.000	13.500	9.625		NAL_MWD-NON_SLB-Depth Only	Original Hole / State Pikes 4-65 36-31-32 1AH Plan #0
	1	13.000	2000.000	1/100.000	13.500	9.625		NAL_MWD-NON_SLB	Original Hole / State Pikes 4-65 36-31-32 1AH Plan #0
	1	2000.000	19846.813	1/100.000	8.500	5.500		NAL_MWD_PLUS_0.5_DEG	Original Hole / State Pikes 4-65 36-31-32 1AH Plan #0

State Pikes 4-65 36-31-32 1AH Plan #0 Anti-Collision Summary Report

Analysis Date-24hr Time: March 22, 2021 - 09:14
Client: Crestone Peak Resources
Field: CO, Arapahoe County (NAD 83 CZ)
 Crestone Peak 35-04S-65W (State Bierstadt Pike North 2 Pad)
Structure:
Slot: State Pikes 4-65 36-31-32 1AH
Well: State Pikes 4-65 36-31-32 1AH
Borehole: Original Hole
Scan MD Range: 0.00ft - 19846.81ft

Analysis Method: 3D Least Distance
Reference Trajectory: State Pikes 4-65 36-31-32 1AH Plan #0 (Def Plan)
Depth Interval: Every 10.00 Measured Depth (ft)
Rule Set: NAL Procedure: D&M AntiCollision Standard S002
Min Pts: All local minima indicated.
Version / Patch: 2.10.824.0
Database \ Project: us1164app01\drilling-CO, Arapahoe County 2.10

ISCWSA0 3-D 95.000% Confidence 2.7955 sigma, for subject well. For offset wells, error model version is specified with each well respectively.

Trajectory Error Model:

Offset Trajectories Summary

Offset Selection Criteria

Wellhead distance scan:
 Selection filters:
 Not performed!
 Definitive Surveys - Definitive Plans - Definitive surveys exclude definitive plans
 - All Non-Def Surveys when no Def-Survey is set in a borehole - All Non-Def Plans when no Def-Plan is set in a borehole

Offset Trajectory	Separation			Allow Dev. (ft)	Sep. Fact.	Controlling Rule	Reference Trajectory		Risk Level			Alert	Status
	Ct-Ct (ft)	MAS (ft)	EOU (ft)				MD (ft)	TVD (ft)	Alert	Minor	Major		

Results highlighted: Sep-Factor separation <= 1.50 ft

State Pikes 4-65 36-31-32 1BH Plan #0 (Def Plan) Fail Minor

32.06	25.84	31.07	6.22	N/A	MAS = 7.88 (m)	0.00	0.00	CtCt<=15m<15.00				Enter Alert	
32.06	25.84	31.07	6.22	N/A	MAS = 7.88 (m)	13.00	13.00					WRP	
32.06	25.84	28.29	6.22	11.15	MAS = 7.88 (m)	500.00	500.00					MinPts	
32.13	25.84	28.23	6.29	10.69	MAS = 7.88 (m)	520.00	520.00					MINPT-O-EOU	
37.02	25.84	32.18	11.18	9.34	MAS = 7.88 (m)	670.00	669.90					MinPt-O-SF	
48.61	25.84	42.87	22.77	10.03	MAS = 7.88 (m)	810.00	809.40	CtCt<=15m>15.00				Exit Alert	
162.64	25.84	148.97	136.80	12.75	MAS = 7.88 (m)	2000.00	1978.45					MinPt-O-SF	
635.92	192.09	507.54	443.84	4.98	OSF1.50	1014.00	7960.00	OSF<5.00				Enter Alert	
641.03	641.58	212.99	-0.54	1.50	OSF1.50	16330.00	7960.00			OSF<1.50		Enter Minor	
643.95	899.92	43.67	-255.97	1.07	OSF1.50	19846.81	7960.00					MinPts	

State Bierstadt 4-65 35-34 1AH Plan #0 (Def Plan) Warning Alert

32.06	25.84	31.08	6.22	N/A	MAS = 7.88 (m)	0.00	0.00	CtCt<=15m<15.00				Enter Alert	
32.06	25.84	31.08	6.22	139879.05	MAS = 7.88 (m)	13.00	13.00					WRP	
32.06	25.84	28.35	6.22	11.41	MAS = 7.88 (m)	490.00	490.00					MinPts	
29.20	25.84	22.92	3.36	5.33	MAS = 7.88 (m)	920.00	918.50					MinPts	
29.32	25.84	22.78	3.48	5.10	MAS = 7.88 (m)	960.00	958.03					MINPT-O-EOU	
31.57	25.84	24.22	5.73	4.80	MAS = 7.88 (m)	1080.00	1076.06					MinPt-O-SF	
48.89	25.84	39.76	23.05	5.88	MAS = 7.88 (m)	1290.00	1282.04	CtCt<=15m>15.00				Exit Alert	
750.77	89.26	690.94	661.51	12.74	OSF1.50	7390.00	7255.46					MinPt-O-SF	
151.25	49.09	118.19	102.15	4.69	OSF1.50	8050.00	7822.33	OSF<5.00				Enter Alert	
86.09	80.96	31.83	5.19	1.64	OSF1.50	8200.00	7896.91					MinPts	
223.94	68.84	177.72	155.10	4.93	OSF1.50	8460.00	7958.58	OSF<5.00				Exit Alert	
11302.88	99.54	11236.19	11203.34	172.02	OSF1.50	19846.81	7960.00					TD	

State Pikes 4-65 36-31-32 2AH Plan #0 (Def Plan) Warning Alert

63.75	32.81	62.77	30.94	N/A	MAS = 10.00 (m)	0.00	0.00					Surface	
63.75	32.81	62.77	30.94	N/A	MAS = 10.00 (m)	13.00	13.00					WRP	
63.75	32.81	59.98	30.94	22.52	MAS = 10.00 (m)	500.00	500.00					MinPts	
63.82	32.81	59.92	31.01	21.58	MAS = 10.00 (m)	520.00	520.00					MINPT-O-EOU	
80.27	32.81	74.54	47.46	16.69	MAS = 10.00 (m)	810.00	809.40					MinPt-O-SF	
1280.23	385.22	1023.09	895.01	4.99	OSF1.50	12830.00	7960.00	OSF<5.00				Enter Alert	
1279.86	902.27	678.02	377.59	2.13	OSF1.50	19840.00	7960.00					MinPts	
1279.88	902.24	678.06	377.64	2.13	OSF1.50	19846.81	7960.00					TD	

State Bierstadt 4-65 35-34 1CH GYRO+MWD 0' to 16728' - PR (Def Survey) Pass

695.04	32.81	693.23	662.23	N/A	MAS = 10.00 (m)	0.00	0.00					Surface	
695.03	32.81	693.21	662.22	100420.13	MAS = 10.00 (m)	13.00	13.00					WRP	
124.36	35.65	100.06	88.71	5.41	OSF1.50	4110.00	4048.05					MinPt-CtCt	
124.39	35.74	100.03	88.65	5.40	OSF1.50	4120.00	4057.86					MINPT-O-EOU	
124.47	35.82	100.05	88.65	5.39	OSF1.50	4130.00	4067.67					MinPt-O-ADP	
124.94	36.04	100.38	88.90	5.37	OSF1.50	4160.00	4097.10					MinPt-O-SF	
728.10	49.76	694.39	678.34	22.63	OSF1.50	7450.00	7324.09					MinPt-O-SF	
12105.09	55.24	12067.73	12049.85	338.51	OSF1.50	19846.81	7960.00					TD	

State Bierstadt 4-65 35-34 1DH MWD 0' to 16826' - PR (Def Survey) Pass

696.29	32.81	694.48	663.49	N/A	MAS = 10.00 (m)	0.00	0.00					Surface	
696.27	32.81	694.45	663.47	50293.40	MAS = 10.00 (m)	13.00	13.00					WRP	
152.56	38.05	126.67	114.52	6.21	OSF1.50	4300.00	4234.42					MinPt-CtCt	
152.63	38.20	126.64	114.44	6.19	OSF1.50	4320.00	4254.03					MinPts	
153.46	38.56	127.22	114.90	6.18	OSF1.50	4380.00	4312.89					MinPt-O-SF	
302.16	39.16	275.52	263.00	12.00	OSF1.50	6320.00	6215.75					MinPt-O-SF	
385.01	46.57	353.43	338.44	12.79	OSF1.50	7140.00	7020.05					MinPt-O-SF	
12062.32	59.35	12022.22	12002.97	313.29	OSF1.50	19846.81	7960.00					TD	

Tebo 32 3H ST1 7250' to 11938' - PR (Def Survey) Pass

13552.40	32.81	13550.30	13519.60	47174.72	MAS = 10.00 (m)	0.00	0.00					Surface	
13552.38	32.81	13550.25	13519.58	42436.64	MAS = 10.00 (m)	13.00	13.00					WRP	
13552.08	32.81	13549.04	13519.27	10992.61	MAS = 10.00 (m)	320.00	320.00					MinPts	
13552.48	32.81	13548.58	13519.68	6469.39	MAS = 10.00 (m)	490.00	490.00					MINPT-O-EOU	
13566.35	32.81	13555.21	13533.54	1455.37	MAS = 10.00 (m)	1650.00	1635.15					MinPts	
13567.28	32.81	13553.42	13534.47	1126.59	MAS = 10.00 (m)	1990.00	1968.64					MINPT-O-EOU	
13567.03	32.81	13551.79	13534.22	995.35	MAS = 10.00 (m)	2380.00	2351.17					MinPts	
13568.14	32.81	13550.12	13535.33	826.62	MAS = 10.00 (m)	3010.00	2969.11					MINPT-O-EOU	
13570.29	32.81	13550.16	13537.48	732.59	MAS = 10.00 (m)	3410.00	3361.45					MINPT-O-EOU	
13572.29	32.81	13550.30	13539.48	665.85	MAS = 10.00 (m)	3750.00	3694.95					MINPT-O-EOU	
13573.09	33.15	13550.46	13539.94	645.36	OSF1.50	3860.00	3802.84					MinPt-O-ADP	
1027.01	317.72	810.13	709.30	5.02	OSF1.50	19846.81	7960.00					MinPts	

Tebo 32 2 GYRO+MWD 0' to 8656' - P&A (Def Survey) Pass

Offset Trajectory	Separation				Sep. Fact.	Controlling Rule	Reference Trajectory		Risk Level			Alert	Status
	Ct-Ct (ft)	MAS (ft)	EOU (ft)	Allow Dev. (ft)			MD (ft)	TVD (ft)	Alert	Minor	Major		
12759.00	32.81	12757.06	12726.19	100276.02	MAS = 10.00 (m)	0.00	0.00					Surface	
12758.98	32.81	12757.01	12726.18	80232.78	MAS = 10.00 (m)	13.00	13.00					WRP	
12758.57	32.81	12755.34	12725.76	8990.96	MAS = 10.00 (m)	300.00	300.00					MinPts	
12758.73	32.81	12755.19	12725.92	7375.78	MAS = 10.00 (m)	390.00	390.00					MINPT-O-EOU	
12620.54	59.23	12580.48	12561.31	329.05	OSF1.50	6570.00	6460.96					MinPt-CiCt	
12620.91	60.39	12580.08	12560.52	322.52	OSF1.50	6690.00	6578.66					MINPT-O-EOU	
12621.32	62.42	12579.14	12558.90	311.74	OSF1.50	6900.00	6784.64					MinPt-CiCt	
12621.93	64.48	12578.38	12557.45	301.49	OSF1.50	7110.00	6990.62					MINPT-O-EOU	
12622.68	65.37	12578.54	12557.31	297.30	OSF1.50	7200.00	7078.90					MinPt-O-ADP	
2278.23	637.43	1852.48	1640.80	5.38	OSF1.50	19846.81	7960.00					MinPts	

Tebco 32 3H MWD 0' to 8313' - PR (Def Survey)

Pass												
13552.40	32.81	13550.30	13519.60	47174.72	MAS = 10.00 (m)	0.00	0.00					Surface
13552.38	32.81	13550.25	13519.58	42436.64	MAS = 10.00 (m)	13.00	13.00					WRP
13552.08	32.81	13549.04	13519.27	10992.61	MAS = 10.00 (m)	320.00	320.00					MinPts
13552.48	32.81	13548.58	13519.68	6469.39	MAS = 10.00 (m)	490.00	490.00					MINPT-O-EOU
13566.35	32.81	13555.21	13533.54	1455.37	MAS = 10.00 (m)	1650.00	1635.15					MinPts
13567.28	32.81	13553.42	13534.47	1126.59	MAS = 10.00 (m)	1990.00	1968.64					MINPT-O-EOU
13567.03	32.81	13551.79	13534.22	995.35	MAS = 10.00 (m)	2380.00	2351.17					MinPts
13568.14	32.81	13550.12	13535.33	826.62	MAS = 10.00 (m)	3010.00	2969.11					MINPT-O-EOU
13570.29	32.81	13550.18	13537.48	732.59	MAS = 10.00 (m)	3410.00	3361.45					MINPT-O-EOU
13572.29	32.81	13550.30	13539.48	665.85	MAS = 10.00 (m)	3750.00	3694.95					MINPT-O-EOU
13573.09	33.15	13550.46	13539.94	645.36	OSF1.50	3860.00	3802.84					MinPt-O-ADP
13619.70	49.40	13586.23	13570.30	427.40	OSF1.50	5610.00	5519.34					MinPt-O-SF
13625.71	53.43	13589.55	13572.27	394.30	OSF1.50	6050.00	5950.92					MINPT-O-EOU
13626.45	54.31	13589.70	13572.13	387.74	OSF1.50	6140.00	6039.19					MinPt-O-ADP
13627.82	56.07	13589.91	13571.75	375.29	OSF1.50	6320.00	6215.75					MINPT-O-EOU
13628.23	56.55	13590.00	13571.68	372.00	OSF1.50	6370.00	6264.79					MinPt-O-ADP
4654.18	637.67	4228.21	4016.51	10.93	OSF1.50	19846.81	7960.00					MinPts

State Elbert 1H GYRO/MWD 0' to 12263' - PR (Def Survey)

Pass												
4705.47	32.81	4703.66	4672.66	N/A	MAS = 10.00 (m)	0.00	0.00					Surface
4705.47	32.81	4703.66	4672.66	N/A	MAS = 10.00 (m)	10.00	10.00					MinPts
4705.47	32.81	4703.66	4672.66	N/A	MAS = 10.00 (m)	13.00	13.00					WRP
4705.52	32.81	4703.64	4672.71	76103.86	MAS = 10.00 (m)	40.00	40.00					MINPT-O-EOU
4708.70	32.81	4704.46	4675.89	1936.54	MAS = 10.00 (m)	500.00	500.00					MINPT-O-EOU
5016.69	32.81	4998.11	4983.88	295.32	MAS = 10.00 (m)	3560.00	3508.58					MINPT-O-EOU
5035.72	32.81	5013.33	5002.92	242.17	MAS = 10.00 (m)	4260.00	4195.18					MINPT-O-EOU
5035.84	32.92	5013.35	5002.91	241.11	OSF1.50	4280.00	4214.80					MinPt-O-ADP
5040.93	36.99	5015.74	5003.94	213.64	OSF1.50	4720.00	4646.38					MinPt-CiCt
5041.13	37.82	5015.38	5003.31	208.73	OSF1.50	4820.00	4744.46					MINPT-O-EOU
5041.32	38.05	5015.42	5003.27	207.41	OSF1.50	4850.00	4773.89					MinPt-O-ADP
5380.39	62.18	5338.40	5318.21	133.19	OSF1.50	7890.00	7715.60					MinPt-O-ADP
5403.50	69.26	5356.80	5334.24	119.77	OSF1.50	7990.00	7785.35					MinPts
5544.19	100.58	5476.60	5443.61	84.00	OSF1.50	8950.00	7960.00					MINPT-O-EOU
5545.03	101.81	5476.62	5443.22	82.98	OSF1.50	8970.00	7960.00					MINPT-O-EOU
5514.46	307.63	5308.83	5206.82	27.02	OSF1.50	11070.00	7960.00					MinPt-CiCt
5509.35	395.99	5244.82	5113.36	20.95	OSF1.50	11980.00	7960.00					MinPt-CiCt
5506.70	460.06	5199.46	5046.64	18.01	OSF1.50	12640.00	7960.00					MinPt-CiCt
5508.15	479.44	5187.99	5028.71	17.29	OSF1.50	12890.00	7960.00					MINPT-O-EOU
5508.76	480.17	5188.11	5028.59	17.26	OSF1.50	12930.00	7960.00					MinPt-O-ADP
5547.64	488.16	5221.67	5059.48	17.10	OSF1.50	13490.00	7960.00					MinPt-O-SF
8923.31	416.16	8645.34	8507.15	32.28	OSF1.50	19846.81	7960.00					TD

Cottonwood Creek 4-65 27-28 4BH MWD 0' to 18288' - PR (Def Survey)

Pass												
6501.21	32.81	6499.40	6468.40	N/A	MAS = 10.00 (m)	0.00	0.00					Surface
6500.97	32.81	6499.08	6468.16	82144.54	MAS = 10.00 (m)	13.00	13.00					MinPt-O-SF
5184.15	87.39	5124.72	5096.77	92.67	OSF1.50	7460.00	7333.87					MinPt-CiCt
5184.18	87.45	5124.70	5096.73	92.61	OSF1.50	7470.00	7343.64					MinPts
5299.21	90.16	5238.01	5209.05	91.43	OSF1.50	7870.00	7700.53					MinPt-O-SF
5327.87	90.57	5266.41	5237.29	91.43	OSF1.50	7920.00	7737.53					MinPt-O-SF
17045.15	122.08	16963.23	16923.07	212.20	OSF1.50	19846.81	7960.00					TD

Cottonwood Creek 4-65 27-28 4AH GYRO/MWD 0' to 18257' - PR (Def Survey)

Pass												
6516.06	32.81	6514.25	6483.25	N/A	MAS = 10.00 (m)	0.00	0.00					Surface
6515.82	32.81	6513.92	6483.01	80391.56	MAS = 10.00 (m)	13.00	13.00					MinPt-O-SF
5260.53	95.65	5195.64	5164.88	85.47	OSF1.50	7460.00	7333.87					MinPts
5331.16	97.63	5265.00	5233.53	84.65	OSF1.50	7780.00	7628.59					MinPt-O-SF
5354.17	98.00	5287.78	5256.17	84.65	OSF1.50	7830.00	7669.36					MinPt-O-SF
17064.89	134.46	16974.71	16930.43	192.65	OSF1.50	19846.81	7960.00					TD

Cottonwood Creek 4-65 28-27 4DH Plan #0 (Def Plan)

Pass												
9733.98	224.28	9584.13	9509.70	65.38	OSF1.50	0.00	0.00					Surface
9723.25	224.32	9573.37	9498.92	65.30	OSF1.50	13.00	13.00					WRP
6881.37	191.37	6751.98	6690.00	55.48	OSF1.50	3810.00	3753.80					MinPt-O-SF
5386.88	121.00	5302.35	5265.69	73.71	OSF1.50	7510.00	7382.50					MinPts
5386.84	120.84	5302.41	5266.00	73.81	OSF1.50	7520.00	7392.16					MinPt-CiCt
17286.51	109.89	17212.92	17176.62	238.07	OSF1.50	19846.81	7960.00					TD

Cottonwood Creek 4-65 27-28 3CH GYRO/MWD 0' to 17955' - PR (Def Survey)

Pass												
6530.29	32.81	6528.47	6497.48	N/A	MAS = 10.00 (m)	0.00	0.00					Surface
6530.04	32.81	6528.15	6497.25	80743.04	MAS = 10.00 (m)	13.00	13.00					MinPt-O-SF
6528.98	32.81	6526.46	6496.17	9276.14	MAS = 10.00 (m)	210.00	210.00					MinPts
6529.28	32.81	6526.28	6496.47	5478.16	MAS = 10.00 (m)	320.00	320.00					MINPT-O-EOU
5388.51	104.18	5317.97	5284.32	80.02	OSF1.50	7480.00	7353.38					MinPts
5449.27	106.08	5377.51	5343.19	79.33	OSF1.50	7780.00	7628.59					MinPt-O-SF
5470.64	106.45	5398.66	5364.20	79.32	OSF1.50	7830.00	7669.36					MinPt-O-SF
17122.53	147.38	17023.74	16975.15	176.17	OSF1.50	19846.81	7960.00					TD

Cottonwood Creek 4-65 27-28 3CH GYRO/MWD 0' to 18345' - PR (Def Survey)

Pass												
6545.24	32.81	6543.42	6512.43	N/A	MAS = 10.00 (m)	0.00	0.00					Surface
6544.99	32.81	6543.10	6512.18	81113.23	MAS = 10.00 (m)	13.00	13.00					MinPt-O-SF
5476.22	113.95	5399.25	5362.27	74.01	OSF1.50	7480.00	7353.38					MinPts
5561.41	116.51	5482.79	5444.90	73.36	OSF1.50	7840.00	7677.27					MinPt-O-SF
17131.05	162.76	17022.01	16968.29	159.43	OSF1.50	19846.81	7960.00					TD

...State Pikes 4-65 36-31-32 1AH\Original Hole\State Pikes 4-65 36-31-32 1AH Plan #0

Offset Trajectory	Separation			Allow Dev. (ft)	Sep. Fact.	Controlling Rule	Reference Trajectory		Risk Level			Alert	Status
	Ct-Ct (ft)	MAS (ft)	EOU (ft)				MD (ft)	TVD (ft)	Alert	Minor	Major		
Unit 1 Blind 0' to 925' - SWDCOM (Def Survey)													
	6777.30	32.81	6775.48	6744.49	N/A	MAS = 10.00 (m)	0.00	0.00				Pass	Surface
	6776.90	32.81	6774.95	6744.08	50747.21	MAS = 10.00 (m)	13.00	13.00					MinPt-O-SF
	6773.97	76.83	6722.15	6697.14	135.42	OSF1.50	500.00	500.00					MinPt-CtCt
	6811.04	276.43	6626.14	6534.60	37.19	OSF1.50	1140.00	1134.91					MinPts
	6812.08	277.18	6626.68	6534.89	37.10	OSF1.50	1150.00	1144.72					MinPt-O-SF
	20206.38	283.61	20016.78	19922.78	107.47	OSF1.50	19846.81	7960.00					TD
Sun-State 1 Blind 0' to 8810' - DRY (Def Survey)													
	9395.45	32.81	9393.64	9362.64	N/A	MAS = 10.00 (m)	0.00	0.00				Pass	Surface
	9395.18	32.81	9393.28	9362.37	103240.39	MAS = 10.00 (m)	13.00	13.00					MinPt-O-SF
	9393.29	63.10	9350.62	9330.19	229.85	OSF1.50	500.00	500.00					MinPt-CtCt
	9572.38	2239.02	8079.16	7333.36	6.42	OSF1.50	7550.00	7420.97					MINPT-O-EOU
	9589.86	2259.78	8082.80	7330.08	6.37	OSF1.50	7620.00	7486.98					MinPt-O-ADP
	9820.54	2363.40	8244.40	7457.14	6.24	OSF1.50	8040.00	7816.44					MinPt-O-SF
	21583.07	2408.55	19976.83	19174.51	13.45	OSF1.50	19846.81	7960.00					TD