



CRESTONE PEAK
RESOURCES

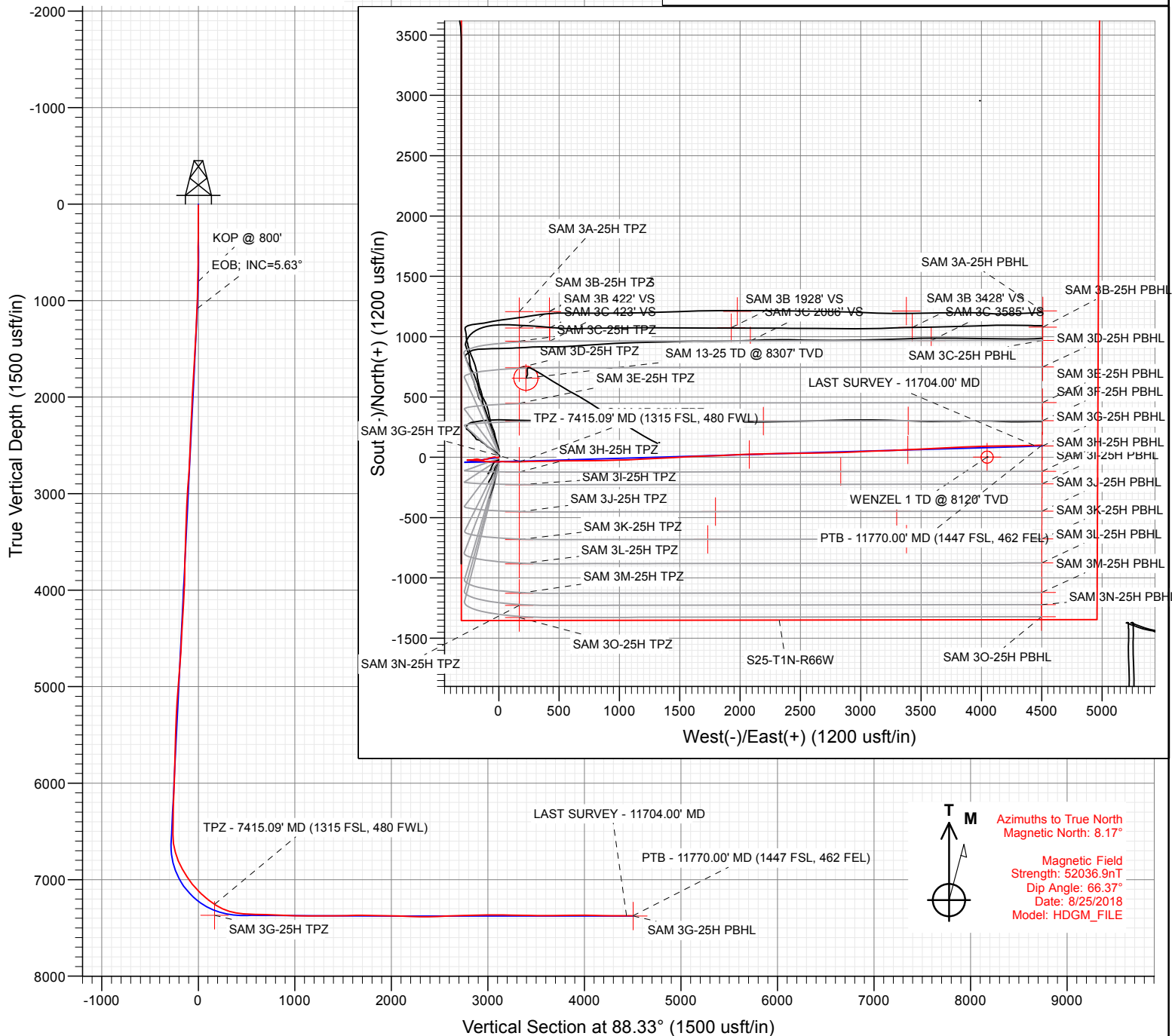
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
3	941.26	2.83	261.57	941.21	-0.51	-3.44	2.00	261.57	-3.46	
4	6624.83	2.83	261.57	6617.87	-41.57	-280.56	0.00	0.00	-281.66	
5	7781.03	89.69	88.33	7369.10	-25.16	430.72	8.00	-173.24	429.80	
6	9426.03	89.69	88.33	7378.00	22.81	2075.00	0.00	0.00	2074.78	SAM 3G 2075' TGT
7	9446.05	90.09	88.33	7378.04	23.40	2095.01	2.00	0.00	2094.80	
8	10736.07	90.09	88.33	7376.00	61.02	3384.48	0.00	0.00	3384.82	
9	10740.59	90.00	88.33	7376.00	61.15	3389.00	2.00	180.00	3389.34	SAM 3G 3389' TGT
10	11855.96	90.00	88.33	7376.00	93.68	4503.90	0.00	0.00	4504.71	SAM 3G-25H PBHL

Project: DJ BASIN
Site: S25-T1N-R66W (SAM)
Well: SAM 3G-25H-M166
Wellbore: OH
Design: FINAL

FINAL
SAM 3G-25H-M166
383337 185141 413837 185254; LR
23' KB @ 5109.00usft
Ground Level @ 5086.00
North American Datum 1983
Well SAM 3G-25H-M166, True North

Type	Target	No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From	TVD	0.00
Name	User									
SAM 3G-25H TPZ			7369.00	+N/-S						
SAM 3G 3389' TGT			7376.00	-32.77	160.73	40.018640	-104.733548			
SAM 3G-25H PBHL			7376.00	61.15	3389.00	40.018897	-104.721754			
SAM 3G 2075' TGT			7378.00	22.81	2075.00	40.018792	-104.726445			



WELL DETAILS: SAM 3G-25H-M166

+N/-S	+E/-W	Northing	Ground Level:	5086.00	Latitude	Longitude
0.00	0.00	1250596.65	Easting	3214576.93	40.018730	-104.733854

CATHEDRAL





CRESTONE PEAK
RESOURCES

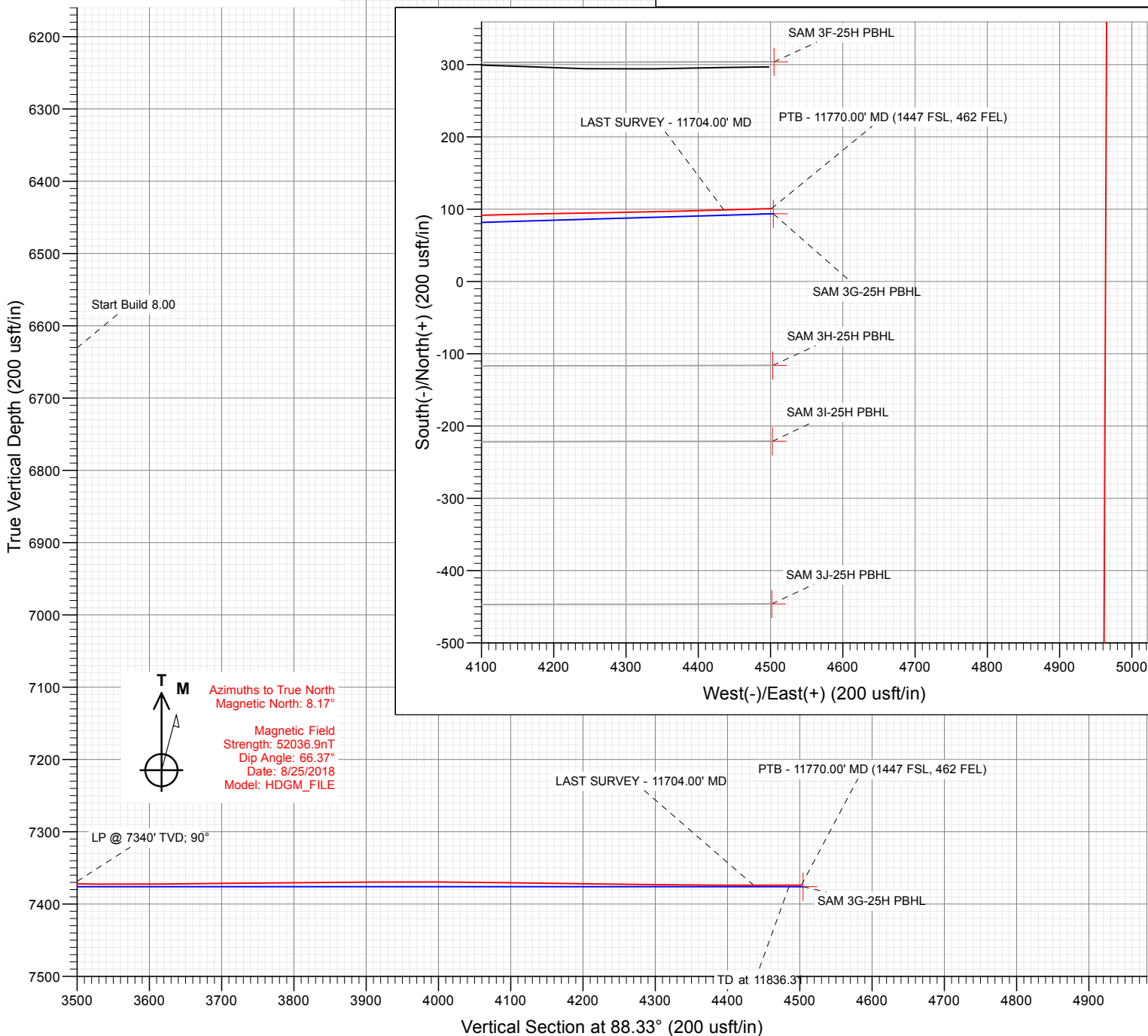
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
3	941.26	2.83	261.57	941.21	-0.51	-3.44	2.00	261.57	-3.46	
4	6624.83	2.83	261.57	6617.87	-41.57	-280.56	0.00	0.00	-281.66	
5	7781.03	89.69	88.33	7369.10	-25.16	430.72	8.00	-173.24	429.80	
6	9426.03	89.69	88.33	7378.00	22.81	2075.00	0.00	0.00	2074.78	SAM 3G 2075' TGT
7	9446.05	90.09	88.33	7378.04	23.40	2095.01	2.00	0.00	2094.80	
8	10736.07	90.09	88.33	7376.00	61.02	3384.48	0.00	0.00	3384.82	
9	10740.59	90.00	88.33	7376.00	61.15	3389.00	2.00	180.00	3389.34	SAM 3G 3389' TGT
10	11855.96	90.00	88.33	7376.00	93.68	4503.90	0.00	0.00	4504.71	SAM 3G-25H PBHL

Project: DJ BASIN
Site: S25-T1N-R66W (SAM)
Well: SAM 3G-25H-M166
Wellbore: OH
Design: FINAL

FINAL
SAM 3G-25H-M166
383337 185141 413837 185254; LR
23' KB @ 5109.00usft
Ground Level @ 5086.00
North American Datum 1983
Well SAM 3G-25H-M166, True North

Type	Target	No Target (Freehand)	Azimuth	Origin Type	N/S	E/W	From TVD	0.00
Name	TVD	+N/-S	+E/-W	Latitude	Longitude			
SAM 3G-25H TPZ	7369.00	-32.77	169.73	40.018640	-104.733048			
SAM 3G 3389' TGT	7376.00	61.15	3389.00	40.018897	-104.721754			
SAM 3G-25H PBHL	7376.00	93.68	4503.90	40.018986	-104.717773			
SAM 3G 2075' TGT	7378.00	22.81	2075.00	40.018792	-104.726445			



WELL DETAILS: SAM 3G-25H-M166

+N/-S	+E/-W	Northing	Ground Level: Easting	5086.00	Latitude	Longitude
0.00	0.00	1250596.65	3214576.93		40.018730	-104.733854

CATHEDRAL



Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well SAM 3G-25H-M166
Project:	DJ BASIN	TVD Reference:	23' KB @ 5109.00usft
Site:	S25-T1N-R66W (SAM)	MD Reference:	23' KB @ 5109.00usft
Well:	SAM 3G-25H-M166	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Project	DJ BASIN		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		S25-T1N-R66W (SAM)			
Site Position:		Northing:	1,251,849.37 usft	Latitude:	40.022061
From:	Lat/Long	Easting:	3,219,074.73 usft	Longitude:	-104.717756
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.51 °

Well	SAM 3G-25H-M166					
Well Position	+N/-S	0.00 usft	Northing:	1,250,596.65 usft	Latitude:	40.018730
	+E/-W	0.00 usft	Easting:	3,214,576.93 usft	Longitude:	-104.733854
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	5,086.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	8/25/2018	8.17	66.37	52,036.90000000

Design	FINAL				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	88.33	

Survey Program	Date	8/28/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
169.00	2,267.00	Survey #1 (OH)	VESSI_GYROFLEX	VESSI Gyroflex Gyro	
2,460.00	11,770.00	Survey #2 (OH)	MWD+HDGM	OWSG MWD + HDGM	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments	
10.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00		
169.00	0.21	319.55	169.00	0.22	-0.19	-0.18	0.13	0.13		
260.00	0.62	298.53	260.00	0.58	-0.73	-0.71	0.47	0.45		
352.00	0.38	283.67	351.99	0.89	-1.46	-1.44	0.29	-0.26		
444.00	0.46	209.99	443.99	0.65	-1.94	-1.92	0.55	0.09		
529.00	0.70	215.44	528.99	-0.07	-2.42	-2.42	0.29	0.28		
611.00	0.99	230.12	610.98	-0.93	-3.25	-3.28	0.44	0.35		
694.00	0.91	217.28	693.97	-1.92	-4.20	-4.25	0.27	-0.10		
777.00	0.73	220.10	776.96	-2.85	-4.94	-5.02	0.22	-0.22		
860.00	0.86	240.76	859.95	-3.56	-5.82	-5.93	0.38	0.16		
942.00	2.07	288.07	941.92	-3.40	-7.77	-7.86	1.97	1.48		
1,028.00	2.20	286.84	1,027.87	-2.44	-10.83	-10.89	0.16	0.15		

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well SAM 3G-25H-M166
Project:	DJ BASIN	TVD Reference:	23' KB @ 5109.00usft
Site:	S25-T1N-R66W (SAM)	MD Reference:	23' KB @ 5109.00usft
Well:	SAM 3G-25H-M166	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
1,089.00	2.63	287.24	1,088.81	-1.68	-13.28	-13.33	0.71	0.70	
1,170.00	2.53	282.97	1,169.73	-0.73	-16.80	-16.81	0.27	-0.12	
1,255.00	2.92	283.16	1,254.63	0.18	-20.74	-20.72	0.46	0.46	
1,338.00	3.07	279.60	1,337.52	1.03	-24.99	-24.94	0.29	0.18	
1,423.00	2.98	280.98	1,422.40	1.83	-29.40	-29.33	0.14	-0.11	
1,505.00	3.37	269.42	1,504.28	2.22	-33.90	-33.82	0.91	0.48	
1,589.00	3.45	268.72	1,588.13	2.13	-38.90	-38.82	0.11	0.10	
1,672.00	3.18	257.06	1,670.99	1.56	-43.64	-43.57	0.87	-0.33	
1,754.00	3.37	252.90	1,752.85	0.35	-48.16	-48.13	0.37	0.23	
1,837.00	3.27	255.23	1,835.72	-0.98	-52.78	-52.78	0.20	-0.12	
1,923.00	3.46	255.08	1,921.57	-2.27	-57.66	-57.70	0.22	0.22	
2,005.00	2.65	258.05	2,003.45	-3.30	-61.90	-61.97	1.01	-0.99	
2,113.00	2.77	258.00	2,111.33	-4.36	-66.90	-67.00	0.11	0.11	
2,178.00	2.69	256.42	2,176.26	-5.04	-69.92	-70.04	0.17	-0.12	
2,267.00	2.74	254.02	2,265.16	-6.12	-73.99	-74.14	0.14	0.06	
2,460.00	2.42	249.79	2,457.96	-8.80	-82.25	-82.47	0.19	-0.17	
2,554.00	1.98	246.80	2,551.89	-10.12	-85.61	-85.87	0.48	-0.47	
2,648.00	1.98	241.27	2,645.83	-11.54	-88.52	-88.82	0.20	0.00	
2,743.00	4.31	262.71	2,740.69	-12.78	-93.50	-93.84	2.71	2.45	
2,848.00	4.35	260.95	2,845.39	-13.91	-101.35	-101.71	0.13	0.04	
2,942.00	3.91	260.25	2,939.14	-15.01	-108.03	-108.42	0.47	-0.47	
3,037.00	3.43	258.05	3,033.95	-16.15	-114.00	-114.43	0.53	-0.51	
3,131.00	2.81	258.14	3,127.81	-17.21	-119.01	-119.46	0.66	-0.66	
3,226.00	2.24	246.28	3,222.72	-18.43	-122.99	-123.47	0.81	-0.60	
3,321.00	2.20	241.79	3,317.65	-20.04	-126.29	-126.82	0.19	-0.04	
3,415.00	2.20	241.00	3,411.58	-21.77	-129.46	-130.04	0.03	0.00	
3,511.00	1.98	236.87	3,507.51	-23.57	-132.46	-133.09	0.28	-0.23	
3,605.00	1.80	240.48	3,601.46	-25.18	-135.11	-135.78	0.23	-0.19	
3,700.00	1.58	254.98	3,696.42	-26.26	-137.67	-138.38	0.50	-0.23	
3,794.00	1.19	271.41	3,790.39	-26.57	-139.90	-140.61	0.59	-0.41	
3,889.00	0.66	267.63	3,885.38	-26.57	-141.43	-142.15	0.56	-0.56	
3,983.00	3.30	300.68	3,979.32	-25.21	-144.30	-144.97	2.95	2.81	
4,077.00	3.47	294.62	4,073.15	-22.64	-149.21	-149.81	0.42	0.18	
4,172.00	3.52	285.65	4,167.98	-20.66	-154.63	-155.17	0.58	0.05	
4,267.00	3.43	285.21	4,262.80	-19.13	-160.18	-160.67	0.10	-0.09	
4,362.00	3.25	284.42	4,357.64	-17.71	-165.53	-165.98	0.20	-0.19	
4,456.00	3.16	282.22	4,451.49	-16.50	-170.65	-171.06	0.16	-0.10	
4,551.00	3.08	280.55	4,546.35	-15.48	-175.71	-176.09	0.13	-0.08	
4,645.00	2.68	278.53	4,640.24	-14.69	-180.37	-180.72	0.44	-0.43	
4,740.00	5.19	261.31	4,735.01	-15.01	-186.82	-187.17	2.89	2.64	
4,834.00	4.79	259.81	4,828.65	-16.35	-194.88	-195.28	0.45	-0.43	
4,929.00	4.57	259.46	4,923.33	-17.74	-202.51	-202.94	0.23	-0.23	
5,023.00	4.13	261.13	5,017.06	-18.95	-209.53	-210.00	0.49	-0.47	
5,119.00	4.44	261.31	5,112.79	-20.04	-216.62	-217.11	0.32	0.32	
5,213.00	2.94	258.76	5,206.60	-21.06	-222.58	-223.10	1.60	-1.60	
5,308.00	2.42	266.14	5,301.49	-21.67	-226.97	-227.51	0.66	-0.55	
5,402.00	2.24	268.78	5,395.41	-21.84	-230.79	-231.33	0.22	-0.19	
5,497.00	1.85	267.99	5,490.35	-21.94	-234.18	-234.72	0.41	-0.41	
5,591.00	1.67	271.76	5,584.31	-21.95	-237.06	-237.60	0.23	-0.19	
5,685.00	1.58	276.60	5,678.27	-21.76	-239.72	-240.25	0.17	-0.10	
5,780.00	1.27	271.41	5,773.24	-21.58	-242.07	-242.60	0.35	-0.33	
5,874.00	1.32	270.71	5,867.22	-21.54	-244.20	-244.72	0.06	0.05	
5,969.00	2.73	258.67	5,962.16	-21.97	-247.51	-248.05	1.54	1.48	

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well SAM 3G-25H-M166
Project:	DJ BASIN	TVD Reference:	23' KB @ 5109.00usft
Site:	S25-T1N-R66W (SAM)	MD Reference:	23' KB @ 5109.00usft
Well:	SAM 3G-25H-M166	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
6,064.00	2.42	254.36	6,057.06	-22.96	-251.66	-252.22	0.38	-0.33	
6,158.00	2.02	250.93	6,150.99	-24.03	-255.14	-255.73	0.45	-0.43	
6,253.00	1.27	248.12	6,245.95	-24.97	-257.70	-258.32	0.79	-0.79	
6,348.00	1.49	302.26	6,340.93	-24.71	-259.72	-260.33	1.34	0.23	
6,442.00	0.88	303.23	6,434.91	-23.66	-261.36	-261.93	0.65	-0.65	
6,537.00	0.48	282.05	6,529.90	-23.18	-262.35	-262.92	0.49	-0.42	
6,632.00	7.65	97.74	6,624.63	-23.95	-256.47	-257.06	8.56	7.55	
6,726.00	15.38	87.72	6,716.68	-24.29	-237.78	-238.39	8.46	8.22	
6,820.00	23.56	92.56	6,805.24	-24.64	-206.50	-207.14	8.86	8.70	
6,915.00	29.44	95.81	6,890.22	-27.85	-164.27	-165.02	6.37	6.19	
7,009.00	33.05	97.21	6,970.58	-33.41	-115.84	-116.77	3.92	3.84	
7,103.00	39.07	90.36	7,046.56	-36.82	-60.72	-61.77	7.70	6.40	
7,198.00	44.78	89.04	7,117.22	-36.44	2.73	1.66	6.08	6.01	
7,293.00	49.40	92.03	7,181.89	-37.16	72.27	71.15	5.38	4.86	
7,387.00	54.89	89.48	7,239.55	-38.08	146.44	145.27	6.22	5.84	
7,415.09	57.12	89.07	7,255.26	-37.78	169.73	168.55	8.05	7.95	TPZ - 7415.09' MD (1315 FSL, 480 FWL)
7,482.00	62.45	88.16	7,288.92	-36.37	227.51	226.35	8.05	7.96	
7,577.00	72.20	88.34	7,325.50	-33.70	315.02	313.90	10.26	10.26	
7,672.00	81.87	89.13	7,346.78	-31.67	407.47	406.37	10.21	10.18	
7,766.00	87.80	89.04	7,355.24	-30.18	501.03	499.94	6.31	6.31	
7,861.00	88.29	89.83	7,358.48	-29.24	595.97	594.86	0.98	0.52	
7,955.00	88.15	89.57	7,361.40	-28.75	689.93	688.79	0.31	-0.15	
8,050.00	87.76	89.04	7,364.79	-27.60	784.86	783.72	0.69	-0.41	
8,144.00	87.58	88.69	7,368.62	-25.74	878.76	877.63	0.42	-0.19	
8,239.00	87.23	88.78	7,372.92	-23.64	973.64	972.53	0.38	-0.37	
8,333.00	89.69	87.81	7,375.44	-20.85	1,067.56	1,066.49	2.81	2.62	
8,428.00	90.13	87.19	7,375.59	-16.70	1,162.47	1,161.48	0.80	0.46	
8,522.00	89.65	86.84	7,375.77	-11.81	1,256.34	1,255.46	0.63	-0.51	
8,616.00	90.66	87.46	7,375.52	-7.13	1,350.22	1,349.43	1.26	1.07	
8,711.00	91.36	86.93	7,373.84	-2.49	1,445.09	1,444.40	0.92	0.74	
8,805.00	91.45	86.14	7,371.54	3.19	1,538.89	1,538.32	0.85	0.10	
8,900.00	91.06	88.42	7,369.46	7.70	1,633.75	1,633.28	2.43	-0.41	
8,995.00	88.59	88.25	7,369.75	10.46	1,728.70	1,728.27	2.61	-2.60	
9,090.00	89.25	87.90	7,371.54	13.65	1,823.63	1,823.25	0.79	0.69	
9,185.00	89.12	87.19	7,372.89	17.72	1,918.54	1,918.23	0.76	-0.14	
9,279.00	88.81	86.58	7,374.59	22.83	2,012.38	2,012.19	0.73	-0.33	
9,374.00	87.28	88.60	7,377.83	26.82	2,107.23	2,107.12	2.67	-1.61	
9,469.00	88.24	89.13	7,381.54	28.70	2,202.14	2,202.04	1.15	1.01	
9,563.00	88.81	88.60	7,383.96	30.56	2,296.09	2,296.00	0.83	0.61	
9,658.00	90.66	88.95	7,384.40	32.59	2,391.06	2,390.99	1.98	1.95	
9,752.00	92.42	89.30	7,381.88	34.03	2,485.02	2,484.95	1.91	1.87	
9,846.00	93.03	89.13	7,377.41	35.31	2,578.90	2,578.83	0.67	0.65	
9,941.00	91.63	89.39	7,373.54	36.54	2,673.81	2,673.74	1.50	-1.47	
10,035.00	92.15	89.30	7,370.44	37.61	2,767.75	2,767.67	0.56	0.55	
10,130.00	91.23	87.90	7,367.64	39.93	2,862.68	2,862.62	1.76	-0.97	
10,225.00	90.48	86.84	7,366.22	44.29	2,957.57	2,957.60	1.37	-0.79	
10,320.00	91.01	86.84	7,364.99	49.53	3,052.41	3,052.56	0.56	0.56	
10,415.00	88.73	88.25	7,365.20	53.60	3,147.32	3,147.54	2.82	-2.40	
10,509.00	89.08	87.99	7,367.00	56.68	3,241.25	3,241.52	0.46	0.37	
10,604.00	88.95	87.72	7,368.63	60.24	3,336.17	3,336.50	0.32	-0.14	
10,699.00	88.24	87.55	7,370.96	64.16	3,431.06	3,431.47	0.77	-0.75	
10,793.00	89.78	86.84	7,372.59	68.75	3,524.93	3,525.43	1.80	1.64	
10,888.00	90.57	86.84	7,372.30	73.99	3,619.78	3,620.40	0.83	0.83	

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well SAM 3G-25H-M166
Project:	DJ BASIN	TVD Reference:	23' KB @ 5109.00usft
Site:	S25-T1N-R66W (SAM)	MD Reference:	23' KB @ 5109.00usft
Well:	SAM 3G-25H-M166	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
10,983.00	90.62	86.67	7,371.31	79.37	3,714.63	3,715.36	0.19	0.05	
11,077.00	90.35	87.90	7,370.52	83.82	3,808.52	3,809.34	1.34	-0.29	
11,172.00	90.53	88.16	7,369.79	87.09	3,903.46	3,904.33	0.33	0.19	
11,266.00	89.74	88.69	7,369.56	89.67	3,997.42	3,998.33	1.01	-0.84	
11,361.00	89.17	88.78	7,370.47	91.77	4,092.39	4,093.33	0.61	-0.60	
11,456.00	89.21	88.95	7,371.81	93.65	4,187.36	4,188.31	0.18	0.04	
11,551.00	89.21	88.86	7,373.12	95.46	4,282.34	4,283.30	0.09	0.00	
11,645.00	89.74	88.60	7,373.98	97.55	4,376.31	4,377.29	0.63	0.56	
11,704.00	90.13	88.42	7,374.05	99.08	4,435.29	4,436.29	0.73	0.66	LAST SURVEY - 11704.00' MD
11,770.00	90.13	88.42	7,373.90	100.90	4,501.26	4,502.29	0.00	0.00	PTB - 11770.00' MD (1447 FSL, 462 FEL)

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SAM 3G-25H TPZ - actual wellpath misses target center by 97.98usft at 7472.45usft MD (7284.44 TVD, -36.63 N, 219.08 E) - Point	0.00	0.50	7,369.00	-32.77	169.73	1,250,565.34	3,214,746.94	40.018640	-104.733248
SAM 3G 2075' TGT - actual wellpath misses target center by 3.40usft at 9341.65usft MD (7376.44 TVD, 25.84 N, 2074.93 E) - Point	0.00	0.00	7,378.00	22.81	2,075.00	1,250,637.39	3,216,651.66	40.018792	-104.726445
SAM 3G-25H PBHL - actual wellpath misses target center by 7.97usft at 11770.00usft MD (7373.90 TVD, 100.90 N, 4501.26 E) - Point	0.00	0.51	7,376.00	93.68	4,503.90	1,250,729.23	3,219,079.85	40.018986	-104.717773
SAM 3G 3389' TGT - actual wellpath misses target center by 6.33usft at 10656.99usft MD (7369.79 TVD, 62.39 N, 3389.10 E) - Point	0.00	0.00	7,376.00	61.15	3,389.00	1,250,687.07	3,217,965.28	40.018897	-104.721754

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
7,415.09	7,255.26	-37.78	169.73	TPZ - 7415.09' MD (1315 FSL, 480 FWL)	
11,704.00	7,374.05	99.08	4,435.29	LAST SURVEY - 11704.00' MD	
11,770.00	7,373.90	100.90	4,501.26	PTB - 11770.00' MD (1447 FSL, 462 FEL)	

Checked By: _____	Approved By: _____	Date: _____
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