

CRESTONE PEAK RESOURCES

ADAMS COUNTY

SEC 21-T3S-R65W

BIJOU 3-65 20-19-24 1AH

OWB

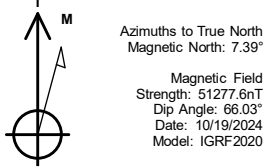
Design: FINAL SURVEY

Standard Survey Report

28 October, 2024

Project: ADAMS COUNTY
Site: SEC 21-T3S-R65W
Well: BIJOU 3-65 20-19-24 1AH
Wellbore: OWB
Design: FINAL SURVEY

PROJECT DETAILS: ADAMS COUNTY
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

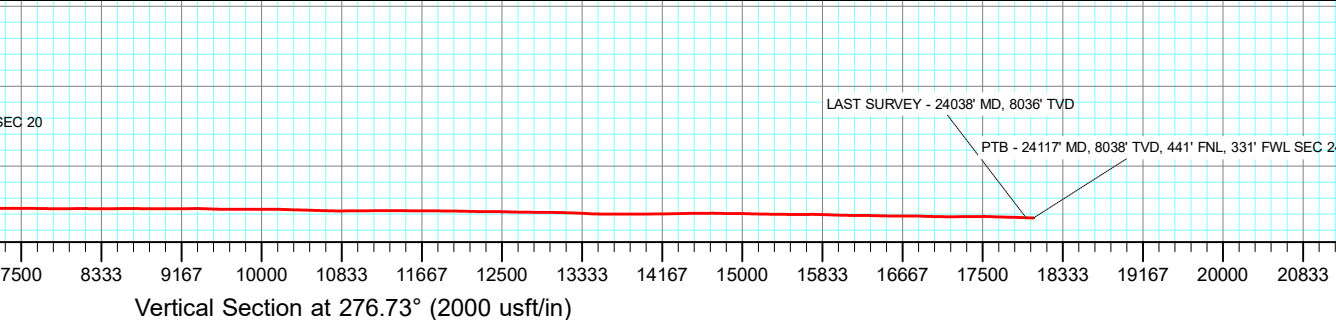
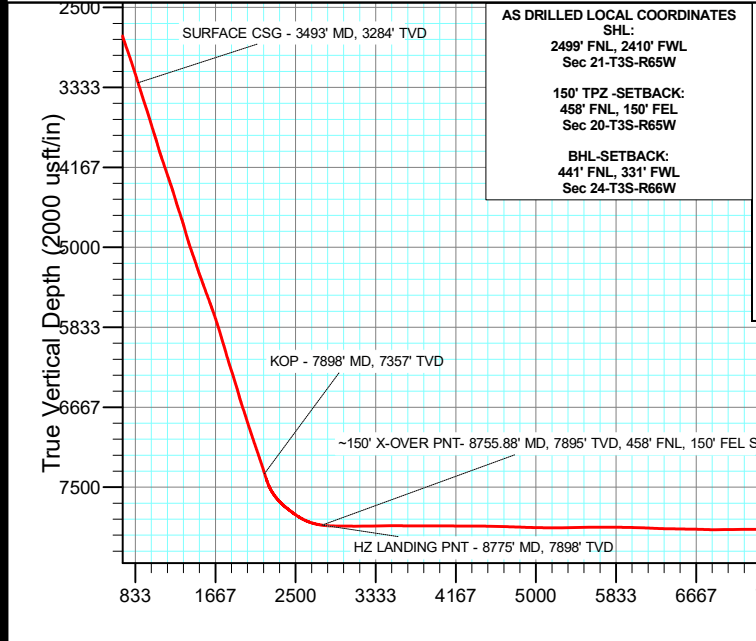
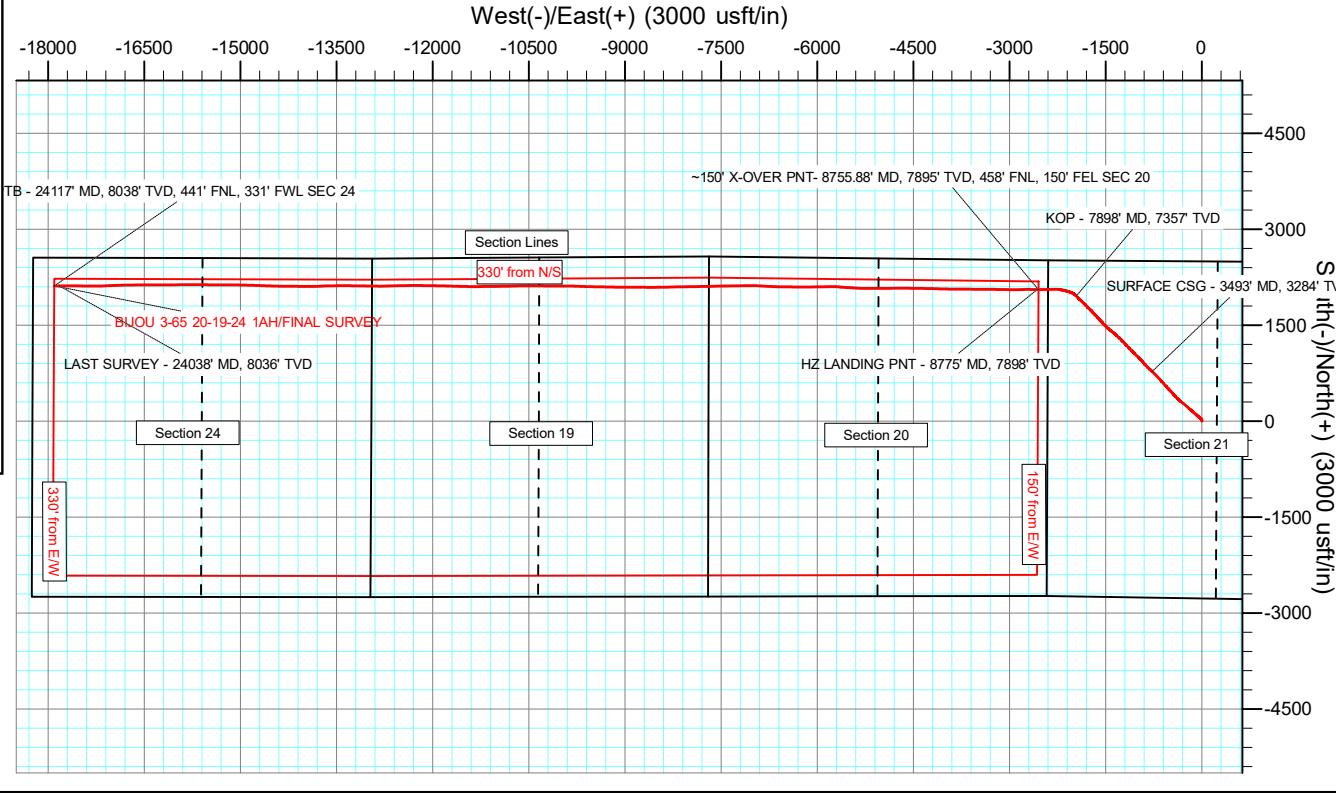
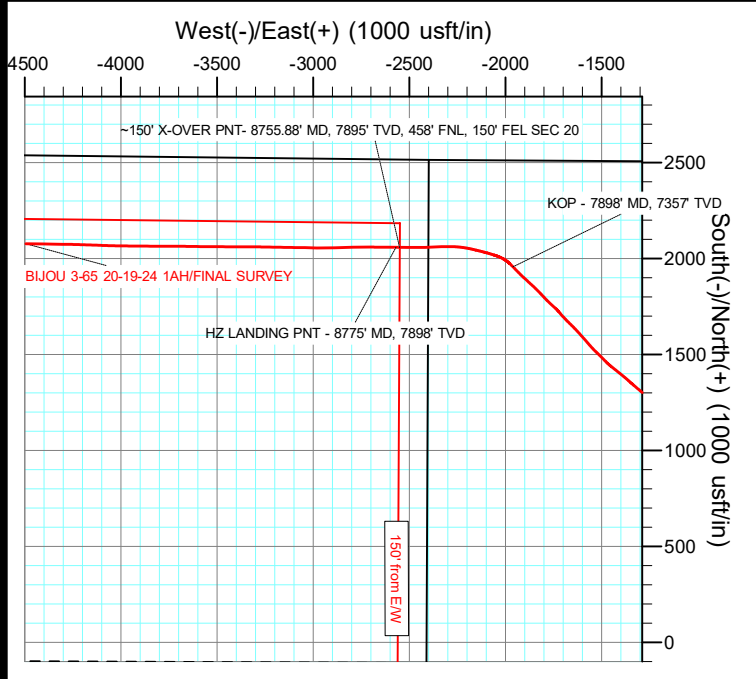


WELL DETAILS: BIJOU 3-65 20-19-24 1AH

5593.00						Slot
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	1162622.98	3233383.29	39.776769°N	104.669651°W	

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
3493.00	21.34	313.10	3284.15	777.43	-774.92	860.75	1106.24	SURFACE CSG - 3493' MD, 3284' TVD
7898.00	21.97	315.78	7357.43	1957.75	-1960.90	2176.96	2782.23	KOP - 7898' MD, 7357' TVD
8755.88	82.12	270.53	7895.45	2058.61	-2550.52	2774.33	3396.69	~150' X-OVER PNT- 8755.88' MD, 7895' TVD, 458' FNL, 150' FEL SEC 20
8775.00	83.59	270.55	7897.83	2058.78	-2569.49	2793.19	3415.64	HZ LANDING PNT - 8775' MD, 7898' TVD
24038.00	88.40	269.57	8036.07	2114.88	-17826.04	17951.05	18675.71	LAST SURVEY - 24038' MD, 8036' TVD
24117.00	88.40	269.57	8038.28	2114.29	-17905.00	18029.40	18754.68	PTB - 24117' MD, 8038' TVD, 441' FNL, 331' FWL SEC 24



Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 20-19-24 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Project	ADAMS COUNTY		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site		SEC 21-T3S-R65W					
Site Position:		Northing:	1,165,129.40	usft	Latitude:	39.783575°N	
From:	Lat/Long	Easting:	3,236,258.06	usft	Longitude:	104.659339°W	
Position Uncertainty:	0.00	usft	Slot Radius:	13.200	in	Grid Convergence:	0.54 °

Well	BIJOU 3-65 20-19-24 1AH					
Well Position	+N/-S	0.00 usft	Northing:	1,162,622.98 usft	Latitude:	39.776769°N
	+E/-W	0.00 usft	Easting:	3,233,383.29 usft	Longitude:	104.669651°W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	5,593.00 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	10/19/2024	7.39	66.03	51,277.60368524

Design	FINAL SURVEY				
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		276.73

Survey Program	Date	10/28/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
215.00	3,418.00	SURFACE SURVEY (OWB)	MWD OWSG	OWSG MWD - Standard	
3,591.00	24,117.00	FINAL SURVEY (OWB)	MWD OWSG	OWSG MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
215.00	3.85	8.22	214.84	7.15	1.03	-0.19	1.79	1.79	0.00	
304.00	5.04	354.13	303.57	13.99	1.06	0.59	1.81	1.34	-15.83	
395.00	5.14	326.82	394.23	21.38	-1.58	4.08	2.64	0.11	-30.01	
484.00	6.57	329.82	482.76	29.12	-6.32	9.69	1.64	1.61	3.37	
674.00	9.61	301.67	670.92	46.85	-25.30	30.62	2.58	1.60	-14.82	
769.00	12.77	313.90	764.11	58.30	-39.62	46.18	4.14	3.33	12.87	
863.00	16.28	310.23	855.10	74.02	-57.17	65.45	3.86	3.73	-3.90	
958.00	20.95	312.52	945.10	94.11	-79.86	90.35	4.97	4.92	2.41	
1,052.00	21.96	309.67	1,032.59	116.69	-105.78	118.73	1.54	1.07	-3.03	

Civitas Resources

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Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,147.00	22.84	310.60	1,120.42	140.03	-133.45	148.95	1.00	0.93	0.98
1,241.00	24.85	310.84	1,206.39	164.82	-162.25	180.46	2.14	2.14	0.26
1,336.00	22.26	313.76	1,293.47	190.32	-190.35	211.36	2.99	-2.73	3.07
1,430.00	22.06	312.09	1,380.53	214.47	-216.31	239.97	0.70	-0.21	-1.78
1,525.00	21.90	310.48	1,468.63	237.93	-243.03	269.25	0.66	-0.17	-1.69
1,620.00	22.04	309.70	1,556.73	260.82	-270.22	298.94	0.34	0.15	-0.82
1,714.00	21.99	308.75	1,643.87	283.10	-297.51	328.66	0.38	-0.05	-1.01
1,809.00	21.53	307.56	1,732.10	304.86	-325.20	358.71	0.67	-0.48	-1.25
1,904.00	21.67	312.27	1,820.44	327.28	-352.00	387.95	1.83	0.15	4.96
1,999.00	23.65	314.92	1,908.11	352.54	-378.48	417.21	2.34	2.08	2.79
2,093.00	23.99	315.06	1,994.10	379.38	-405.32	447.02	0.37	0.36	0.15
2,188.00	22.57	318.25	2,081.36	406.65	-431.11	475.82	2.00	-1.49	3.36
2,283.00	21.28	317.36	2,169.49	432.94	-454.93	502.56	1.40	-1.36	-0.94
2,377.00	22.11	317.66	2,256.83	458.56	-478.40	528.87	0.89	0.88	0.32
2,472.00	21.09	316.68	2,345.16	484.21	-502.17	555.48	1.14	-1.07	-1.03
2,567.00	22.96	317.33	2,433.22	510.27	-526.45	582.66	1.99	1.97	0.68
2,661.00	21.83	317.06	2,520.13	536.55	-550.79	609.91	1.21	-1.20	-0.29
2,756.00	24.00	318.83	2,607.63	564.03	-575.54	637.71	2.40	2.28	1.86
2,851.00	23.68	319.30	2,694.53	593.03	-600.70	666.10	0.39	-0.34	0.49
2,945.00	22.75	316.79	2,780.92	620.59	-625.45	693.91	1.44	-0.99	-2.67
3,040.00	24.72	318.11	2,867.88	648.77	-651.30	722.88	2.15	2.07	1.39
3,134.00	24.58	316.25	2,953.31	677.53	-677.94	752.71	0.84	-0.15	-1.98
3,324.00	22.54	316.29	3,127.47	732.40	-730.43	811.28	1.07	-1.07	0.02
3,418.00	22.00	315.78	3,214.45	758.04	-755.16	838.85	0.61	-0.57	-0.54
3,493.00	21.34	313.10	3,284.15	777.43	-774.92	860.75	1.59	-0.88	-3.57
SURFACE CSG - 3493' MD, 3284' TVD									
3,591.00	20.54	309.37	3,375.69	800.52	-801.23	889.58	1.59	-0.81	-3.81
3,686.00	21.93	313.90	3,464.24	823.40	-826.90	917.76	2.26	1.46	4.77
3,780.00	23.64	316.28	3,550.90	849.19	-852.58	946.28	2.07	1.82	2.53
3,875.00	21.45	316.37	3,638.64	875.54	-877.73	974.35	2.31	-2.31	0.09
3,969.00	22.53	320.02	3,725.80	901.78	-901.16	1,000.70	1.85	1.15	3.88
4,064.00	23.28	317.62	3,813.31	929.59	-925.51	1,028.14	1.26	0.79	-2.53
4,159.00	20.71	316.99	3,901.39	955.75	-949.63	1,055.16	2.72	-2.71	-0.66
4,254.00	22.03	318.94	3,989.86	981.47	-972.79	1,081.17	1.58	1.39	2.05
4,348.00	23.13	312.03	4,076.67	1,007.13	-998.09	1,109.31	3.05	1.17	-7.35
4,443.00	22.43	313.17	4,164.26	1,032.02	-1,025.17	1,139.12	0.87	-0.74	1.20
4,538.00	22.91	312.89	4,251.92	1,057.00	-1,051.93	1,168.63	0.52	0.51	-0.29
4,632.00	24.66	317.39	4,337.94	1,083.89	-1,078.62	1,198.28	2.68	1.86	4.79
4,727.00	21.42	315.40	4,425.35	1,110.84	-1,104.22	1,226.87	3.51	-3.41	-2.09
4,822.00	20.85	316.84	4,513.96	1,135.52	-1,127.97	1,253.35	0.81	-0.60	1.52
4,917.00	23.33	315.16	4,601.98	1,161.20	-1,152.80	1,281.02	2.69	2.61	-1.77
5,025.00	23.72	318.74	4,701.01	1,192.69	-1,182.21	1,313.92	1.37	0.36	3.31
5,120.00	19.89	315.74	4,789.20	1,218.64	-1,206.10	1,340.68	4.20	-4.03	-3.16

Civitas Resources

Survey Report

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Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,214.00	20.19	315.07	4,877.51	1,241.58	-1,228.71	1,365.83	0.40	0.32	-0.71	
5,309.00	22.84	317.55	4,965.88	1,266.79	-1,252.74	1,392.65	2.95	2.79	2.61	
5,403.00	24.20	313.02	5,052.08	1,293.40	-1,279.14	1,421.99	2.41	1.45	-4.82	
5,498.00	21.87	310.11	5,139.50	1,318.09	-1,306.92	1,452.47	2.73	-2.45	-3.06	
5,593.00	21.48	311.18	5,227.78	1,340.94	-1,333.54	1,481.59	0.58	-0.41	1.13	
5,687.00	25.05	311.99	5,314.12	1,365.59	-1,361.29	1,512.04	3.81	3.80	0.86	
5,781.00	22.52	308.71	5,400.14	1,390.17	-1,390.14	1,543.57	3.04	-2.69	-3.49	
5,876.00	24.19	309.06	5,487.35	1,413.81	-1,419.45	1,575.45	1.76	1.76	0.37	
5,971.00	22.95	308.02	5,574.42	1,437.49	-1,449.16	1,607.73	1.38	-1.31	-1.09	
6,066.00	24.26	315.87	5,661.49	1,462.91	-1,477.34	1,638.70	3.58	1.38	8.26	
6,160.00	23.16	314.85	5,747.56	1,489.81	-1,503.90	1,668.23	1.25	-1.17	-1.09	
6,254.00	21.62	313.91	5,834.47	1,514.86	-1,529.48	1,696.57	1.68	-1.64	-1.00	
6,349.00	20.80	318.15	5,923.04	1,539.56	-1,553.34	1,723.17	1.83	-0.86	4.46	
6,444.00	22.81	319.00	6,011.24	1,566.03	-1,576.68	1,749.45	2.14	2.12	0.89	
6,538.00	20.59	318.34	6,098.57	1,592.13	-1,599.62	1,775.29	2.38	-2.36	-0.70	
6,633.00	21.76	318.07	6,187.16	1,617.71	-1,622.50	1,801.01	1.24	1.23	-0.28	
6,727.00	23.33	315.20	6,273.97	1,643.88	-1,647.26	1,828.67	2.04	1.67	-3.05	
6,822.00	21.09	314.12	6,361.92	1,669.13	-1,672.78	1,856.98	2.40	-2.36	-1.14	
6,916.00	22.21	317.65	6,449.29	1,694.04	-1,696.90	1,883.85	1.83	1.19	3.76	
7,011.00	20.17	319.98	6,537.86	1,719.86	-1,719.53	1,909.35	2.32	-2.15	2.45	
7,106.00	21.93	312.59	6,626.54	1,744.41	-1,743.13	1,935.66	3.35	1.85	-7.78	
7,200.00	22.30	312.69	6,713.62	1,768.38	-1,769.16	1,964.33	0.40	0.39	0.11	
7,294.00	22.00	317.08	6,800.69	1,793.37	-1,794.26	1,992.18	1.79	-0.32	4.67	
7,389.00	23.76	316.36	6,888.21	1,820.25	-1,819.58	2,020.49	1.88	1.85	-0.76	
7,484.00	22.18	313.79	6,975.68	1,846.51	-1,845.74	2,049.54	1.97	-1.66	-2.71	
7,578.00	23.39	312.65	7,062.34	1,871.44	-1,872.27	2,078.82	1.37	1.29	-1.21	
7,673.00	22.26	312.40	7,149.90	1,896.34	-1,899.43	2,108.71	1.19	-1.19	-0.26	
7,767.00	23.56	315.04	7,236.49	1,921.65	-1,925.85	2,137.92	1.76	1.38	2.81	
7,862.00	22.06	316.50	7,324.06	1,948.02	-1,951.55	2,166.53	1.69	-1.58	1.54	
7,898.00	21.97	315.78	7,357.43	1,957.75	-1,960.90	2,176.96	0.79	-0.25	-2.00	
KOP - 7898' MD, 7357' TVD										
7,957.00	21.83	314.59	7,412.17	1,973.36	-1,976.41	2,194.19	0.79	-0.24	-2.02	
8,052.00	27.12	300.75	7,498.68	1,996.87	-2,007.65	2,227.96	8.18	5.57	-14.57	
8,147.00	36.02	288.35	7,579.62	2,016.80	-2,052.91	2,275.25	11.55	9.37	-13.05	
8,242.00	44.11	284.81	7,652.28	2,034.07	-2,111.49	2,335.45	8.84	8.52	-3.73	
8,337.00	51.26	282.55	7,716.19	2,050.60	-2,179.71	2,405.14	7.73	7.53	-2.38	
8,431.00	54.04	274.38	7,773.28	2,061.48	-2,253.52	2,479.72	7.51	2.96	-8.69	
8,525.00	60.55	266.94	7,824.09	2,062.20	-2,332.48	2,558.22	9.60	6.93	-7.91	
8,620.00	70.27	268.63	7,863.58	2,058.92	-2,418.70	2,643.46	10.36	10.23	1.78	
8,715.00	78.98	270.49	7,888.74	2,058.25	-2,510.20	2,734.25	9.36	9.17	1.96	
8,755.88	82.12	270.53	7,895.45	2,058.61	-2,550.52	2,774.33	7.68	7.68	0.10	
~150' X-OVER PNT - 8755.88' MD, 7895' TVD, 458' FNL, 150' FEL SEC 20										
8,775.00	83.59	270.55	7,897.83	2,058.78	-2,569.49	2,793.19	7.68	7.68	0.10	
HZ LANDING PNT - 8775' MD, 7898' TVD										

Civitas Resources

Survey Report

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Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
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Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey										
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8,809.00	86.20	270.58	7,900.86	2,059.12	-2,603.35	2,826.86	7.68	7.68	0.09	
8,904.00	89.68	270.69	7,904.27	2,060.17	-2,698.27	2,921.25	3.66	3.66	0.12	
8,998.00	89.15	267.94	7,905.23	2,059.05	-2,792.25	3,014.44	2.98	-0.56	-2.93	
9,092.00	89.82	268.49	7,906.08	2,056.12	-2,886.20	3,107.40	0.92	0.71	0.59	
9,187.00	90.54	271.19	7,905.78	2,055.85	-2,981.19	3,201.71	2.94	0.76	2.84	
9,281.00	90.74	271.01	7,904.73	2,057.66	-3,075.16	3,295.25	0.29	0.21	-0.19	
9,376.00	91.18	270.81	7,903.14	2,059.17	-3,170.14	3,389.74	0.51	0.46	-0.21	
9,471.00	91.39	271.23	7,901.01	2,060.86	-3,265.10	3,484.24	0.49	0.22	0.44	
9,565.00	88.40	269.91	7,901.18	2,061.79	-3,359.08	3,577.69	3.48	-3.18	-1.40	
9,660.00	89.52	270.28	7,902.90	2,061.95	-3,454.06	3,672.03	1.24	1.18	0.39	
9,754.00	90.00	270.50	7,903.30	2,062.59	-3,548.06	3,765.46	0.56	0.51	0.23	
9,849.00	90.25	270.90	7,903.09	2,063.75	-3,643.05	3,859.93	0.50	0.26	0.42	
9,943.00	90.35	269.75	7,902.60	2,064.28	-3,737.05	3,953.34	1.23	0.11	-1.22	
10,038.00	89.21	270.79	7,902.96	2,064.73	-3,832.04	4,047.73	1.62	-1.20	1.09	
10,133.00	89.58	270.41	7,903.96	2,065.73	-3,927.03	4,142.18	0.56	0.39	-0.40	
10,227.00	90.19	270.96	7,904.15	2,066.85	-4,021.03	4,235.66	0.87	0.65	0.59	
10,322.00	89.70	272.35	7,904.24	2,069.59	-4,115.98	4,330.28	1.55	-0.52	1.46	
10,416.00	89.21	271.69	7,905.14	2,072.91	-4,209.92	4,423.96	0.87	-0.52	-0.70	
10,511.00	88.56	270.65	7,906.99	2,074.85	-4,304.88	4,518.49	1.29	-0.68	-1.09	
10,606.00	88.51	270.84	7,909.42	2,076.08	-4,399.84	4,612.94	0.21	-0.05	0.20	
10,700.00	88.42	270.80	7,911.93	2,077.42	-4,493.80	4,706.41	0.10	-0.10	-0.04	
10,795.00	88.21	270.34	7,914.73	2,078.37	-4,588.75	4,800.82	0.53	-0.22	-0.48	
10,890.00	87.81	271.23	7,918.03	2,079.67	-4,683.68	4,895.25	1.03	-0.42	0.94	
10,985.00	89.26	268.77	7,920.45	2,079.67	-4,778.64	4,989.55	3.01	1.53	-2.59	
11,079.00	88.35	268.03	7,922.42	2,077.05	-4,872.58	5,082.54	1.25	-0.97	-0.79	
11,174.00	90.19	271.14	7,923.63	2,076.36	-4,967.56	5,176.78	3.80	1.94	3.27	
11,269.00	90.65	270.18	7,922.93	2,077.45	-5,062.55	5,271.24	1.12	0.48	-1.01	
11,363.00	91.25	269.85	7,921.37	2,077.48	-5,156.53	5,364.58	0.73	0.64	-0.35	
11,458.00	91.79	269.57	7,918.85	2,077.00	-5,251.50	5,458.83	0.64	0.57	-0.29	
11,550.00	90.04	272.30	7,917.38	2,078.50	-5,343.46	5,550.34	3.52	-1.90	2.97	
11,645.00	89.89	274.21	7,917.44	2,083.89	-5,438.31	5,645.16	2.02	-0.16	2.01	
11,740.00	89.95	272.44	7,917.57	2,089.40	-5,533.14	5,739.99	1.86	0.06	-1.86	
11,834.00	89.93	275.88	7,917.67	2,096.22	-5,626.88	5,833.88	3.66	-0.02	3.66	
11,929.00	89.21	272.27	7,918.38	2,102.97	-5,721.62	5,928.76	3.87	-0.76	-3.80	
12,023.00	88.19	268.66	7,920.52	2,103.73	-5,815.58	6,022.15	3.99	-1.09	-3.84	
12,118.00	88.18	269.17	7,923.53	2,101.93	-5,910.51	6,116.22	0.54	-0.01	0.54	
12,213.00	87.61	268.70	7,927.02	2,100.17	-6,005.43	6,210.28	0.78	-0.60	-0.49	
12,308.00	87.41	268.96	7,931.14	2,098.23	-6,100.32	6,304.29	0.35	-0.21	0.27	
12,403.00	89.75	270.90	7,933.50	2,098.12	-6,195.28	6,398.58	3.20	2.46	2.04	
12,498.00	88.58	269.58	7,934.88	2,098.51	-6,290.27	6,492.96	1.86	-1.23	-1.39	
12,592.00	89.61	270.90	7,936.37	2,098.91	-6,384.25	6,586.34	1.78	1.10	1.40	
12,687.00	88.41	269.94	7,938.01	2,099.60	-6,479.23	6,680.74	1.62	-1.26	-1.01	
12,782.00	87.84	271.03	7,941.12	2,100.41	-6,574.17	6,775.13	1.29	-0.60	1.15	

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 20-19-24 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
12,876.00	90.50	272.62	7,942.48	2,103.40	-6,668.11	6,868.76	3.30	2.83	1.69	
12,964.00	90.49	272.97	7,941.72	2,107.69	-6,756.00	6,956.55	0.40	-0.01	0.40	
13,058.00	91.05	272.97	7,940.45	2,112.56	-6,849.86	7,050.34	0.60	0.60	0.00	
13,153.00	90.64	273.17	7,939.05	2,117.65	-6,944.72	7,145.13	0.48	-0.43	0.21	
13,248.00	89.84	269.61	7,938.66	2,119.95	-7,039.67	7,239.70	3.84	-0.84	-3.75	
13,342.00	89.80	268.93	7,938.95	2,118.76	-7,133.66	7,332.91	0.72	-0.04	-0.72	
13,437.00	90.52	268.78	7,938.69	2,116.86	-7,228.64	7,427.01	0.77	0.76	-0.16	
13,532.00	89.24	269.26	7,938.88	2,115.23	-7,323.63	7,521.15	1.44	-1.35	0.51	
13,627.00	89.71	268.94	7,939.75	2,113.74	-7,418.61	7,615.30	0.60	0.49	-0.34	
13,722.00	88.99	268.70	7,940.83	2,111.78	-7,513.58	7,709.39	0.80	-0.76	-0.25	
13,816.00	88.37	268.67	7,943.00	2,109.63	-7,607.53	7,802.44	0.66	-0.66	-0.03	
13,910.00	90.42	269.24	7,943.99	2,107.91	-7,701.51	7,895.56	2.26	2.18	0.61	
14,004.00	91.22	268.30	7,942.64	2,105.90	-7,795.47	7,988.64	1.31	0.85	-1.00	
14,099.00	90.55	269.98	7,941.18	2,104.47	-7,890.45	8,082.79	1.90	-0.71	1.77	
14,194.00	88.84	268.91	7,941.68	2,103.55	-7,985.44	8,177.02	2.12	-1.80	-1.13	
14,289.00	89.18	268.28	7,943.32	2,101.22	-8,080.39	8,271.05	0.75	0.36	-0.66	
14,383.00	90.34	269.34	7,943.72	2,099.27	-8,174.37	8,364.15	1.67	1.23	1.13	
14,477.00	90.65	269.12	7,942.91	2,098.01	-8,268.36	8,457.34	0.40	0.33	-0.23	
14,572.00	91.23	268.03	7,941.35	2,095.64	-8,363.31	8,551.36	1.30	0.61	-1.15	
14,667.00	89.18	269.18	7,941.01	2,093.33	-8,458.28	8,645.40	2.47	-2.16	1.21	
14,762.00	89.48	269.74	7,942.12	2,092.44	-8,553.27	8,739.63	0.67	0.32	0.59	
14,856.00	89.99	270.61	7,942.55	2,092.72	-8,647.26	8,833.01	1.07	0.54	0.93	
14,951.00	89.26	270.96	7,943.18	2,094.03	-8,742.25	8,927.50	0.85	-0.77	0.37	
15,046.00	89.88	270.46	7,943.89	2,095.20	-8,837.24	9,021.97	0.84	0.65	-0.53	
15,140.00	90.15	269.79	7,943.86	2,095.41	-8,931.24	9,115.34	0.77	0.29	-0.71	
15,235.00	91.13	269.85	7,942.80	2,095.11	-9,026.23	9,209.64	1.03	1.03	0.06	
15,329.00	90.42	270.55	7,941.53	2,095.44	-9,120.22	9,303.02	1.06	-0.76	0.74	
15,424.00	88.13	271.41	7,942.73	2,097.06	-9,215.19	9,397.53	2.57	-2.41	0.91	
15,519.00	87.69	270.74	7,946.20	2,098.84	-9,310.11	9,492.00	0.84	-0.46	-0.71	
15,613.00	89.16	270.98	7,948.78	2,100.25	-9,404.06	9,585.47	1.58	1.56	0.26	
15,708.00	90.03	271.23	7,949.45	2,102.09	-9,499.04	9,680.01	0.95	0.92	0.26	
15,803.00	90.45	271.39	7,949.05	2,104.26	-9,594.02	9,774.58	0.47	0.44	0.17	
15,897.00	89.67	272.02	7,948.96	2,107.05	-9,687.97	9,868.22	1.07	-0.83	0.67	
15,992.00	90.58	272.35	7,948.75	2,110.68	-9,782.90	9,962.92	1.02	0.96	0.35	
16,087.00	89.38	269.80	7,948.78	2,112.46	-9,877.88	10,057.45	2.97	-1.26	-2.68	
16,181.00	89.85	270.15	7,949.41	2,112.42	-9,971.88	10,150.79	0.62	0.50	0.37	
16,276.00	88.14	270.29	7,951.08	2,112.78	-10,066.86	10,245.16	1.81	-1.80	0.15	
16,371.00	88.20	270.16	7,954.11	2,113.15	-10,161.81	10,339.50	0.15	0.06	-0.14	
16,465.00	88.47	270.73	7,956.85	2,113.88	-10,255.76	10,432.89	0.67	0.29	0.61	
16,560.00	88.31	269.92	7,959.51	2,114.42	-10,350.72	10,527.26	0.87	-0.17	-0.85	
16,654.00	88.52	270.26	7,962.11	2,114.57	-10,444.69	10,620.60	0.43	0.22	0.36	
16,749.00	88.14	270.03	7,964.88	2,114.81	-10,539.65	10,714.93	0.47	-0.40	-0.24	
16,843.00	90.26	269.00	7,966.20	2,114.02	-10,633.63	10,808.17	2.51	2.26	-1.10	
16,938.00	90.94	269.11	7,965.20	2,112.45	-10,728.61	10,902.31	0.73	0.72	0.12	

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 20-19-24 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
17,033.00	90.26	269.14	7,964.21	2,111.00	-10,823.59	10,996.47	0.72	-0.72	0.03
17,127.00	89.98	268.62	7,964.01	2,109.16	-10,917.57	11,089.58	0.63	-0.30	-0.55
17,222.00	90.40	269.29	7,963.69	2,107.43	-11,012.56	11,183.71	0.83	0.44	0.71
17,317.00	90.79	269.23	7,962.71	2,106.20	-11,107.54	11,277.90	0.42	0.41	-0.06
17,412.00	89.37	269.52	7,962.57	2,105.16	-11,202.54	11,372.11	1.53	-1.49	0.31
17,506.00	89.59	268.64	7,963.43	2,103.66	-11,296.52	11,465.27	0.96	0.23	-0.94
17,601.00	89.56	271.39	7,964.13	2,103.68	-11,391.51	11,559.60	2.89	-0.03	2.89
17,695.00	90.14	271.11	7,964.38	2,105.73	-11,485.48	11,653.17	0.69	0.62	-0.30
17,790.00	89.51	271.29	7,964.67	2,107.72	-11,580.46	11,747.73	0.69	-0.66	0.19
17,885.00	89.17	272.12	7,965.76	2,110.55	-11,675.41	11,842.36	0.94	-0.36	0.87
17,980.00	89.28	271.40	7,967.05	2,113.46	-11,770.36	11,936.99	0.77	0.12	-0.76
18,075.00	89.66	271.11	7,967.93	2,115.54	-11,865.33	12,031.55	0.50	0.40	-0.31
18,169.00	88.30	270.80	7,969.60	2,117.11	-11,959.30	12,125.06	1.48	-1.45	-0.33
18,264.00	89.01	270.79	7,971.83	2,118.43	-12,054.26	12,219.52	0.75	0.75	-0.01
18,359.00	89.40	270.91	7,973.15	2,119.84	-12,149.25	12,314.01	0.43	0.41	0.13
18,453.00	90.55	270.62	7,973.19	2,121.09	-12,243.23	12,407.50	1.26	1.22	-0.31
18,548.00	88.16	269.44	7,974.26	2,121.14	-12,338.22	12,501.83	2.81	-2.52	-1.24
18,643.00	88.77	269.16	7,976.80	2,119.98	-12,433.18	12,596.00	0.71	0.64	-0.29
18,738.00	88.87	268.26	7,978.76	2,117.84	-12,528.13	12,690.05	0.95	0.11	-0.95
18,832.00	89.76	268.22	7,979.88	2,114.96	-12,622.08	12,783.01	0.95	0.95	-0.04
18,926.00	90.06	267.61	7,980.03	2,111.54	-12,716.02	12,875.90	0.72	0.32	-0.65
19,021.00	89.01	270.86	7,980.80	2,110.27	-12,810.99	12,970.07	3.60	-1.11	3.42
19,116.00	89.40	271.04	7,982.12	2,111.84	-12,905.97	13,064.58	0.45	0.41	0.19
19,210.00	87.87	270.72	7,984.36	2,113.29	-12,999.93	13,158.06	1.66	-1.63	-0.34
19,306.00	87.83	270.99	7,987.96	2,114.72	-13,095.85	13,253.48	0.28	-0.04	0.28
19,400.00	87.53	270.75	7,991.77	2,116.15	-13,189.76	13,346.91	0.41	-0.32	-0.26
19,495.00	87.34	270.65	7,996.02	2,117.31	-13,284.66	13,441.29	0.23	-0.20	-0.11
19,589.00	89.97	269.97	7,998.22	2,117.81	-13,378.62	13,534.67	2.89	2.80	-0.72
19,684.00	89.91	269.21	7,998.32	2,117.13	-13,473.62	13,628.93	0.80	-0.06	-0.80
19,778.00	90.28	269.18	7,998.17	2,115.81	-13,567.61	13,722.12	0.39	0.39	-0.03
19,873.00	89.92	268.72	7,998.00	2,114.07	-13,662.60	13,816.24	0.61	-0.38	-0.48
19,968.00	89.20	266.81	7,998.73	2,110.37	-13,757.52	13,910.07	2.15	-0.76	-2.01
20,063.00	90.63	269.37	7,998.87	2,107.20	-13,852.45	14,003.98	3.09	1.51	2.69
20,158.00	90.79	269.32	7,997.70	2,106.12	-13,947.44	14,098.19	0.18	0.17	-0.05
20,252.00	90.79	271.29	7,996.40	2,106.62	-14,041.42	14,191.58	2.10	0.00	2.10
20,347.00	91.49	271.14	7,994.51	2,108.63	-14,136.38	14,286.12	0.75	0.74	-0.16
20,442.00	90.47	270.36	7,992.88	2,109.87	-14,231.36	14,380.59	1.35	-1.07	-0.82
20,536.00	91.34	270.09	7,991.40	2,110.24	-14,325.35	14,473.97	0.97	0.93	-0.29
20,631.00	89.84	271.06	7,990.42	2,111.20	-14,420.33	14,568.41	1.88	-1.58	1.02
20,725.00	90.59	272.11	7,990.07	2,113.80	-14,514.29	14,662.03	1.37	0.80	1.12
20,820.00	88.35	271.57	7,990.95	2,116.85	-14,609.23	14,756.67	2.43	-2.36	-0.57
20,915.00	89.37	272.59	7,992.84	2,120.29	-14,704.15	14,851.34	1.52	1.07	1.07
21,010.00	90.32	271.45	7,993.09	2,123.64	-14,799.09	14,946.01	1.56	1.00	-1.20

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 20-19-24 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
21,104.00	88.04	271.21	7,994.44	2,125.82	-14,893.05	15,039.58	2.44	-2.43	-0.26	
21,199.00	88.53	271.60	7,997.28	2,128.15	-14,987.98	15,134.13	0.66	0.52	0.41	
21,294.00	89.06	270.67	7,999.28	2,130.03	-15,082.93	15,228.65	1.13	0.56	-0.98	
21,388.00	89.69	269.83	8,000.31	2,130.44	-15,176.93	15,322.04	1.12	0.67	-0.89	
21,483.00	89.04	269.48	8,001.36	2,129.87	-15,271.92	15,416.31	0.78	-0.68	-0.37	
21,577.00	89.58	270.36	8,002.49	2,129.74	-15,365.91	15,509.64	1.10	0.57	0.94	
21,672.00	90.05	271.18	8,002.80	2,131.02	-15,460.90	15,604.12	0.99	0.49	0.86	
21,767.00	90.82	270.61	8,002.08	2,132.50	-15,555.88	15,698.63	1.01	0.81	-0.60	
21,862.00	88.19	270.24	8,002.90	2,133.20	-15,650.87	15,793.04	2.80	-2.77	-0.39	
21,957.00	88.07	269.94	8,006.00	2,133.35	-15,745.82	15,887.35	0.34	-0.13	-0.32	
22,052.00	88.27	269.65	8,009.03	2,133.01	-15,840.77	15,981.61	0.37	0.21	-0.31	
22,147.00	88.62	269.39	8,011.61	2,132.22	-15,935.73	16,075.82	0.46	0.37	-0.27	
22,241.00	89.08	269.69	8,013.50	2,131.46	-16,029.71	16,169.06	0.58	0.49	0.32	
22,336.00	90.49	270.17	8,013.85	2,131.35	-16,124.71	16,263.39	1.57	1.48	0.51	
22,430.00	88.62	269.94	8,014.58	2,131.44	-16,218.70	16,356.74	2.00	-1.99	-0.24	
22,524.00	88.54	269.90	8,016.91	2,131.31	-16,312.67	16,450.05	0.10	-0.09	-0.04	
22,619.00	89.15	269.55	8,018.83	2,130.85	-16,407.65	16,544.32	0.74	0.64	-0.37	
22,713.00	89.99	269.80	8,019.53	2,130.32	-16,501.64	16,637.61	0.93	0.89	0.27	
22,808.00	90.81	269.53	8,018.87	2,129.76	-16,596.64	16,731.88	0.91	0.86	-0.28	
22,903.00	88.29	269.01	8,019.61	2,128.55	-16,691.62	16,826.06	2.71	-2.65	-0.55	
22,997.00	88.33	268.71	8,022.39	2,126.68	-16,785.56	16,919.14	0.32	0.04	-0.32	
23,092.00	88.83	268.08	8,024.74	2,124.02	-16,880.49	17,013.10	0.85	0.53	-0.66	
23,186.00	89.34	267.76	8,026.24	2,120.61	-16,974.42	17,105.98	0.64	0.54	-0.34	
23,280.00	90.67	268.13	8,026.23	2,117.24	-17,068.36	17,198.87	1.47	1.41	0.39	
23,375.00	90.33	267.34	8,025.40	2,113.49	-17,163.28	17,292.70	0.91	-0.36	-0.83	
23,470.00	89.95	270.58	8,025.17	2,111.76	-17,258.25	17,386.81	3.43	-0.40	3.41	
23,564.00	91.14	270.16	8,024.28	2,112.37	-17,352.24	17,480.23	1.34	1.27	-0.45	
23,659.00	87.93	270.99	8,025.05	2,113.32	-17,447.22	17,574.66	3.49	-3.38	0.87	
23,754.00	88.08	271.02	8,028.36	2,114.99	-17,542.15	17,669.13	0.16	0.16	0.03	
23,849.00	88.52	269.71	8,031.17	2,115.59	-17,637.10	17,763.50	1.45	0.46	-1.38	
23,943.00	88.57	269.93	8,033.56	2,115.30	-17,731.07	17,856.79	0.24	0.05	0.23	
24,038.00	88.40	269.57	8,036.07	2,114.88	-17,826.04	17,951.05	0.42	-0.18	-0.38	
LAST SURVEY - 24038' MD, 8036' TVD										
24,117.00	88.40	269.57	8,038.28	2,114.29	-17,905.00	18,029.40	0.00	0.00	0.00	
PTB - 24117' MD, 8038' TVD, 441' FNL, 331' FWL SEC 24										

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 20-19-24 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 20-19-24 1AH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Design 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
LP-BIJOU 3-65 20-19-24 - actual wellpath misses target center by 58.12usft at 8756.99usft MD (7895.60 TVD, 2058.62 N, -2551.62 E) - Point	0.00	0.00	7,900.00	2,116.56	-2,550.52	1,164,715.55	3,230,813.09	39.782579°N	104.678726°W
PBHL-BIJOU 3-65 20-19-24 - actual wellpath misses target center by 41.40usft at 24117.00usft MD (8038.28 TVD, 2114.29 N, -17905.00 E) - Point	0.00	0.00	8,040.00	2,155.65	-17,905.63	1,164,610.85	3,215,458.43	39.782669°N	104.733361°W

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,493.00	3,284.15	777.43	-774.92	SURFACE CSG - 3493' MD, 3284' TVD
7,898.00	7,357.43	1,957.75	-1,960.90	KOP - 7898' MD, 7357' TVD
8,755.88	7,895.45	2,058.61	-2,550.52	~150' X-OVER PNT - 8755.88' MD, 7895' TVD, 458' FNL, 150' FEL SEC 20
8,775.00	7,897.83	2,058.78	-2,569.49	HZ LANDING PNT - 8775' MD, 7898' TVD
24,038.00	8,036.07	2,114.88	-17,826.04	LAST SURVEY - 24038' MD, 8036' TVD
24,117.00	8,038.28	2,114.29	-17,905.00	PTB - 24117' MD, 8038' TVD, 441' FNL, 331' FWL SEC 24

Checked By: _____ Approved By: _____ Date: _____