

CRESTONE PEAK RESOURCES

WELD COUNTY

SEC 25-T4N-R65W

SHELTON 25W-25-05

OWB

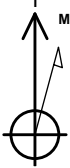
Design: FINAL SURVEY

Standard Survey Report

22 February, 2023

Project: WELD COUNTY
Site: SEC 25-T4N-R65W
Well: SHELTON 25W-25-05
Wellbore: OWB
Design: FINAL SURVEY

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



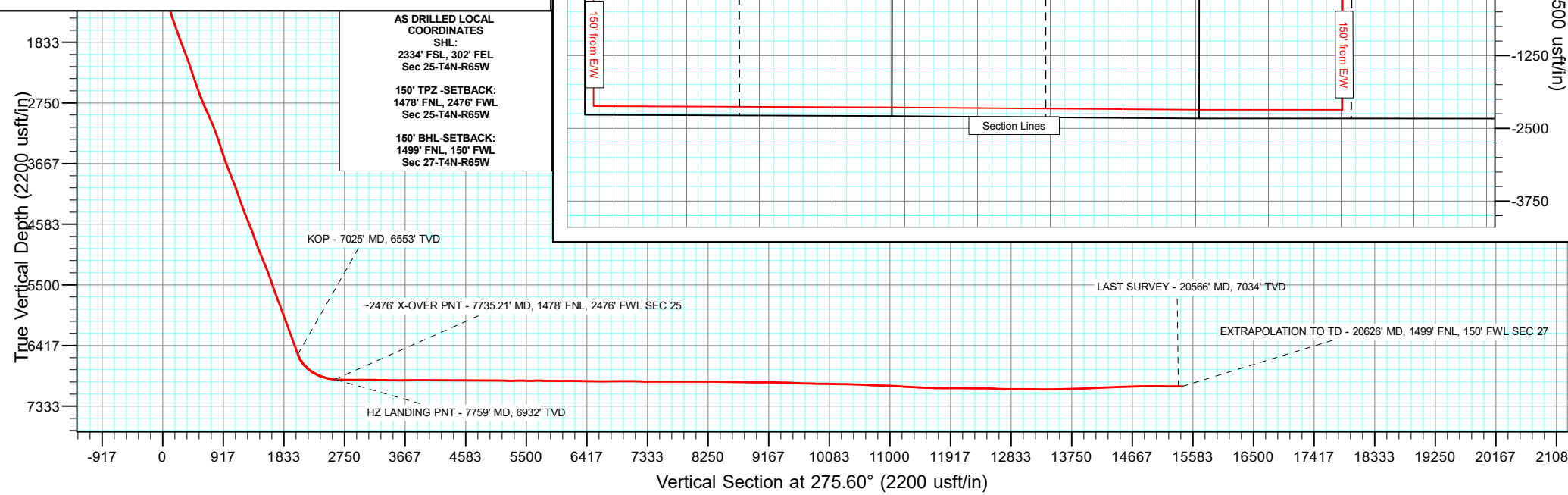
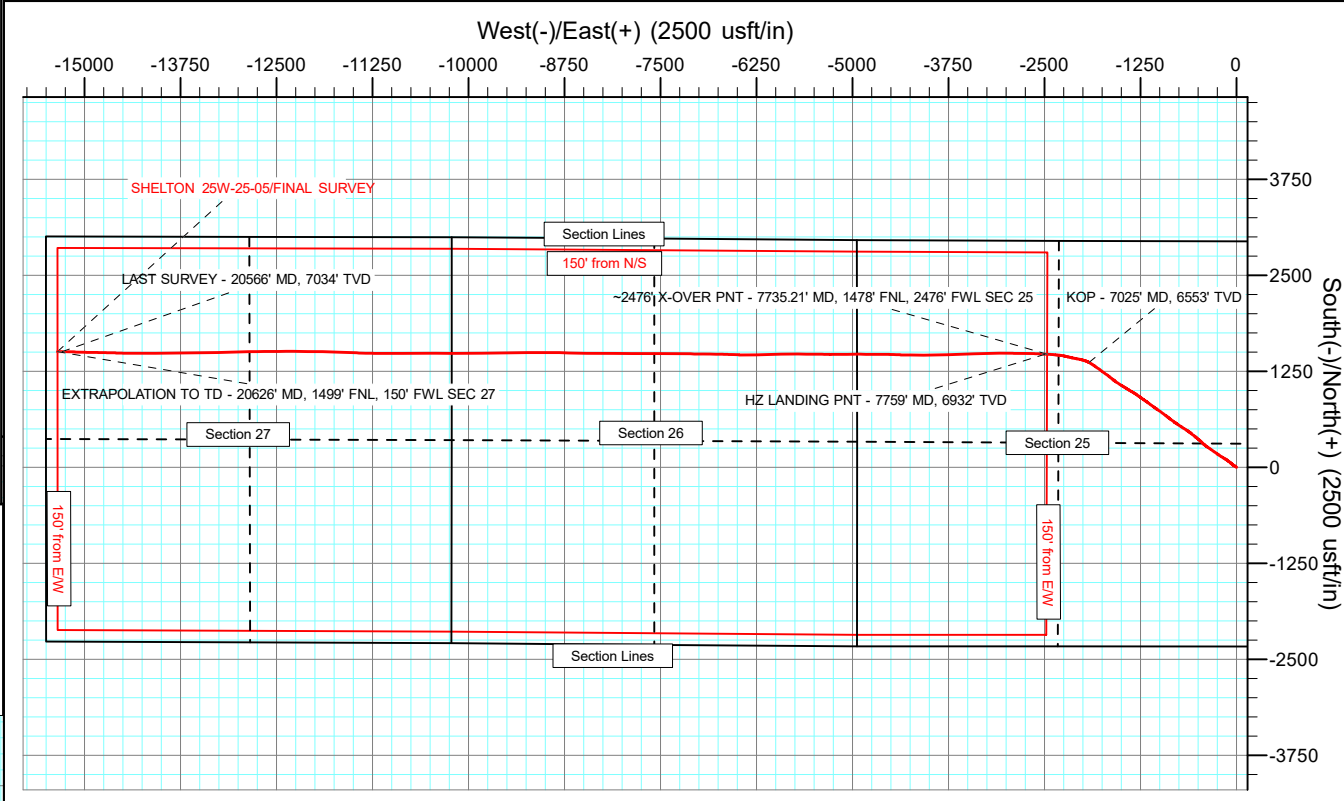
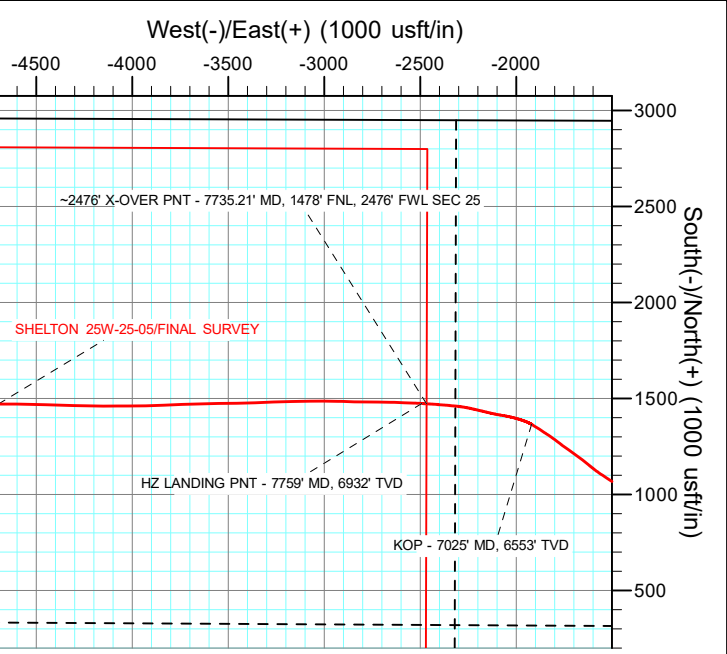
Azimuths to True North
Magnetic North: 7.62°
Magnetic Field
Strength: 51773.6snT
Dip Angle: 66.53°
Date: 9/26/2022
Model: IGRF2020

WELL DETAILS: SHELTON 25W-25-05

+N/-S	+E/-W	Northing	Easting	4836.00	Latitude	Longitude	Slot
0.00	0.00	1346973.68	3250144.75		40.282371°N	104.603388°W	

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
7025.00	22.60	300.53	6552.75	1366.16	-1919.54	2043.79	2361.40	KOP - 7025' MD, 6553' TVD
7735.21	84.23	273.43	6930.30	1473.11	-2466.54	2598.62	2921.31	~2476' X-OVER PNT - 7735.21' MD, 1478' FNL, 2476' FWL SEC 25
7759.00	86.22	273.03	6932.28	1474.44	-2490.21	2622.30	2944.94	HZ LANDING PNT - 7759' MD, 6932' TVD
20566.00	90.92	270.32	7033.72	1506.03	-15290.63	15364.61	15747.97	LAST SURVEY - 20566' MD, 7034' TVD
20626.00	90.92	270.32	7032.75	1506.36	-15350.62	15424.35	15807.96	EXTRAPOLATION TO TD - 20626' MD, 1499' FNL, 150' FWL SEC 27



Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-05
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

Project	WELD 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 25-T4N-R65W			
Site Position:		Northing:		1,344,643.82 usft	
From:		Easting:		3,250,457.11 usft	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
Lat/Long		0.00 usft		13.200 in	
				40.275967°N	
				104.602353°W	
				0.58 °	

Well	SHELTON 25W-25-05					
Well Position	+N/-S	0.00 usft	Northing:	1,346,973.68 usft	Latitude:	40.282371°N
	+E/-W	0.00 usft	Easting:	3,250,144.75 usft	Longitude:	104.603388°W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,836.00 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	9/26/2022	7.62	66.53	51,773.58112250

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	275.60	

Survey Program	Date	2/22/2023			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
152.00	1,861.00	SURFACE (OWB)	MWD OWSG	OWSG MWD - Standard	
1,964.00	20,626.00	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	
152.00	0.70	272.00	152.00	0.03	-0.93	0.93	0.46	0.46	0.00	
243.00	0.60	268.50	242.99	0.04	-1.96	1.95	0.12	-0.11	-3.85	
335.00	0.60	5.10	334.99	0.51	-2.40	2.44	0.97	0.00	105.00	
427.00	0.60	14.30	426.98	1.45	-2.24	2.37	0.10	0.00	10.00	
517.00	0.80	327.20	516.98	2.44	-2.46	2.69	0.65	0.22	-52.33	
606.00	2.60	314.90	605.93	4.39	-4.23	4.64	2.05	2.02	-13.82	
698.00	4.00	303.40	697.78	7.62	-8.38	9.09	1.68	1.52	-12.50	
787.00	5.10	300.50	786.50	11.34	-14.38	15.42	1.26	1.24	-3.26	
878.00	6.70	301.90	877.01	16.20	-22.38	23.85	1.77	1.76	1.54	

Survey Report

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Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

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)
970.00	8.50	305.50	968.20	22.98	-32.47	34.56	2.02	1.96	3.91
1,060.00	10.90	307.10	1,056.91	31.98	-44.67	47.58	2.68	2.67	1.78
1,150.00	13.40	308.20	1,144.89	43.57	-59.66	63.63	2.79	2.78	1.22
1,242.00	16.10	311.30	1,233.85	58.58	-77.62	82.97	3.06	2.93	3.37
1,332.00	16.30	307.90	1,320.28	74.58	-96.96	103.78	1.08	0.22	-3.78
1,422.00	19.10	306.20	1,406.01	91.03	-118.82	127.14	3.16	3.11	-1.89
1,512.00	21.80	301.00	1,490.33	108.34	-145.03	154.92	3.61	3.00	-5.78
1,602.00	20.90	301.20	1,574.16	125.27	-173.09	184.49	1.00	-1.00	0.22
1,694.00	21.80	301.90	1,659.84	142.79	-201.63	214.61	1.02	0.98	0.76
1,786.00	21.50	304.10	1,745.35	161.27	-230.09	244.74	0.94	-0.33	2.39
1,861.00	23.60	306.00	1,814.62	177.81	-253.62	269.77	2.96	2.80	2.53
1,964.00	24.46	305.46	1,908.69	202.30	-287.67	306.05	0.86	0.83	-0.52
2,059.00	23.67	304.49	1,995.43	224.50	-319.41	339.81	0.93	-0.83	-1.02
2,154.00	22.62	304.11	2,082.78	245.55	-350.25	372.56	1.12	-1.11	-0.40
2,249.00	21.33	303.65	2,170.88	265.37	-379.76	403.86	1.37	-1.36	-0.48
2,344.00	21.49	309.33	2,259.33	285.97	-407.61	433.59	2.19	0.17	5.98
2,439.00	23.43	313.24	2,347.13	309.94	-434.83	463.02	2.58	2.04	4.12
2,534.00	22.16	312.88	2,434.71	335.08	-461.72	492.24	1.34	-1.34	-0.38
2,628.00	24.46	309.96	2,521.03	359.64	-489.63	522.42	2.74	2.45	-3.11
2,723.00	22.98	308.86	2,608.00	383.91	-519.15	554.16	1.63	-1.56	-1.16
2,818.00	26.37	309.65	2,694.32	409.02	-549.85	587.16	3.59	3.57	0.83
2,913.00	26.52	309.30	2,779.38	435.91	-582.50	622.29	0.23	0.16	-0.37
3,007.00	28.36	305.09	2,862.81	462.04	-617.02	659.19	2.84	1.96	-4.48
3,103.00	26.59	302.61	2,947.98	486.73	-653.77	698.18	2.20	-1.84	-2.58
3,198.00	25.44	303.09	3,033.35	509.33	-688.78	735.23	1.23	-1.21	0.51
3,294.00	23.94	302.59	3,120.57	531.08	-722.47	770.88	1.58	-1.56	-0.52
3,388.00	22.48	302.62	3,206.96	551.04	-753.67	803.89	1.55	-1.55	0.03
3,483.00	22.74	306.44	3,294.67	571.74	-783.75	835.84	1.57	0.27	4.02
3,578.00	19.85	306.21	3,383.17	592.18	-811.54	865.49	3.04	-3.04	-0.24
3,699.00	20.49	304.40	3,496.75	616.28	-845.59	901.73	0.74	0.53	-1.50
3,794.00	21.66	308.23	3,585.40	636.52	-873.08	931.07	1.90	1.23	4.03
3,889.00	23.84	309.20	3,673.00	659.51	-901.73	961.83	2.33	2.29	1.02
3,984.00	25.03	306.43	3,759.50	683.58	-932.78	995.08	1.74	1.25	-2.92
4,080.00	24.77	305.79	3,846.57	707.40	-965.44	1,029.91	0.39	-0.27	-0.67
4,174.00	24.64	305.54	3,931.97	730.31	-997.35	1,063.91	0.18	-0.14	-0.27
4,269.00	23.94	304.83	4,018.56	752.83	-1,029.29	1,097.89	0.80	-0.74	-0.75
4,364.00	21.28	303.46	4,106.25	773.34	-1,059.50	1,129.96	2.85	-2.80	-1.44
4,460.00	22.02	307.47	4,195.48	793.90	-1,088.32	1,160.65	1.72	0.77	4.18
4,649.00	23.25	306.01	4,369.92	837.39	-1,146.62	1,222.92	0.72	0.65	-0.77
4,745.00	25.61	305.55	4,457.32	860.59	-1,178.83	1,257.24	2.47	2.46	-0.48
4,839.00	24.11	304.90	4,542.61	883.39	-1,211.11	1,291.59	1.62	-1.60	-0.69
4,934.00	25.74	306.69	4,628.76	906.82	-1,243.56	1,326.18	1.89	1.72	1.88
5,029.00	21.61	302.91	4,715.75	928.66	-1,274.81	1,359.41	4.63	-4.35	-3.98

Survey Report

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Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

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)	
5,124.00	21.99	305.38	4,803.96	948.46	-1,304.00	1,390.39	1.05	0.40	2.60	
5,219.00	23.21	302.15	4,891.66	968.72	-1,334.35	1,422.58	1.83	1.28	-3.40	
5,313.00	23.49	298.27	4,977.97	987.45	-1,366.53	1,456.44	1.66	0.30	-4.13	
5,407.00	23.86	300.23	5,064.06	1,005.90	-1,399.46	1,491.01	0.93	0.39	2.09	
5,503.00	25.45	304.05	5,151.31	1,027.23	-1,433.33	1,526.80	2.34	1.66	3.98	
5,598.00	24.32	300.57	5,237.49	1,048.61	-1,467.09	1,562.48	1.95	-1.19	-3.66	
5,693.00	22.07	301.41	5,324.81	1,067.86	-1,499.17	1,596.29	2.39	-2.37	0.88	
5,788.00	22.17	303.33	5,412.82	1,087.01	-1,529.38	1,628.22	0.77	0.11	2.02	
5,883.00	22.02	303.83	5,500.84	1,106.77	-1,559.15	1,659.78	0.25	-0.16	0.53	
5,977.00	22.10	307.06	5,587.96	1,127.24	-1,587.90	1,690.39	1.29	0.09	3.44	
6,071.00	23.74	309.82	5,674.54	1,150.02	-1,616.54	1,721.13	2.09	1.74	2.94	
6,166.00	24.45	308.34	5,761.26	1,174.46	-1,646.65	1,753.48	0.98	0.75	-1.56	
6,261.00	23.23	306.09	5,848.16	1,197.69	-1,677.21	1,786.16	1.60	-1.28	-2.37	
6,356.00	23.37	305.67	5,935.41	1,219.71	-1,707.66	1,818.62	0.23	0.15	-0.44	
6,450.00	22.71	304.90	6,021.91	1,240.97	-1,737.69	1,850.58	0.77	-0.70	-0.82	
6,545.00	22.95	307.65	6,109.47	1,262.77	-1,767.39	1,882.27	1.15	0.25	2.89	
6,640.00	23.46	305.66	6,196.79	1,285.11	-1,797.42	1,914.34	0.98	0.54	-2.09	
6,734.00	23.30	305.06	6,283.07	1,306.70	-1,827.84	1,946.72	0.31	-0.17	-0.64	
6,829.00	22.29	302.43	6,370.65	1,327.16	-1,858.43	1,979.16	1.51	-1.06	-2.77	
6,923.00	21.27	303.17	6,457.94	1,346.04	-1,887.75	2,010.18	1.12	-1.09	0.79	
7,018.00	21.93	301.67	6,546.27	1,364.79	-1,917.27	2,041.39	0.91	0.69	-1.58	
7,025.00	22.60	300.53	6,552.75	1,366.16	-1,919.54	2,043.79	11.43	9.63	-16.23	
KOP - 7025' MD, 6553' TVD										
7,113.00	31.56	290.34	6,631.06	1,382.80	-1,955.80	2,081.49	11.43	10.18	-11.58	
7,209.00	40.35	284.60	6,708.72	1,399.40	-2,009.55	2,136.61	9.80	9.16	-5.98	
7,302.00	50.78	279.33	6,773.76	1,412.87	-2,074.43	2,202.50	11.92	11.22	-5.67	
7,397.00	59.04	283.64	6,828.34	1,428.47	-2,150.48	2,279.71	9.45	8.69	4.54	
7,492.00	67.64	282.63	6,870.93	1,447.72	-2,233.09	2,363.80	9.10	9.05	-1.06	
7,587.00	74.51	275.40	6,901.76	1,461.67	-2,321.74	2,453.39	10.20	7.23	-7.61	
7,681.00	79.70	274.37	6,922.73	1,469.46	-2,413.00	2,544.98	5.62	5.52	-1.10	
7,735.21	84.23	273.43	6,930.30	1,473.11	-2,466.54	2,598.62	8.53	8.36	-1.73	
~2476' X-OVER PNT - 7735.21' MD, 1478' FNL, 2476' FWL SEC 25										
7,759.00	86.22	273.03	6,932.28	1,474.44	-2,490.21	2,622.30	8.53	8.36	-1.70	
HZ LANDING PNT - 7759' MD, 6932' TVD										
7,776.00	87.64	272.74	6,933.20	1,475.30	-2,507.17	2,639.26	8.53	8.36	-1.70	
7,871.00	89.15	271.94	6,935.86	1,479.18	-2,602.05	2,734.06	1.80	1.59	-0.84	
7,965.00	90.68	270.76	6,936.00	1,481.39	-2,696.01	2,827.80	2.06	1.63	-1.26	
8,060.00	89.51	270.81	6,935.84	1,482.69	-2,791.00	2,922.46	1.23	-1.23	0.05	
8,155.00	89.34	271.46	6,936.79	1,484.57	-2,885.98	3,017.17	0.71	-0.18	0.68	
8,250.00	90.41	270.89	6,937.00	1,486.52	-2,980.96	3,111.88	1.28	1.13	-0.60	
8,344.00	88.65	268.91	6,937.77	1,486.36	-3,074.95	3,205.41	2.82	-1.87	-2.11	
8,438.00	89.71	269.43	6,939.12	1,485.00	-3,168.93	3,298.80	1.26	1.13	0.55	
8,533.00	88.62	267.63	6,940.50	1,482.56	-3,263.88	3,393.06	2.21	-1.15	-1.89	
8,629.00	89.66	267.34	6,941.94	1,478.35	-3,359.77	3,488.09	1.12	1.08	-0.30	

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-05
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

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)	
8,724.00	89.35	268.92	6,942.76	1,475.25	-3,454.72	3,582.28	1.69	-0.33	1.66	
8,818.00	91.04	269.65	6,942.44	1,474.07	-3,548.70	3,675.70	1.96	1.80	0.78	
8,914.00	89.81	268.83	6,941.73	1,472.80	-3,644.69	3,771.10	1.54	-1.28	-0.85	
9,008.00	91.64	267.55	6,940.54	1,469.83	-3,738.63	3,864.30	2.38	1.95	-1.36	
9,103.00	89.35	267.65	6,939.72	1,465.85	-3,833.54	3,958.37	2.41	-2.41	0.11	
9,198.00	89.98	268.50	6,940.27	1,462.66	-3,928.48	4,052.55	1.11	0.66	0.89	
9,292.00	89.15	270.19	6,940.99	1,461.59	-4,022.47	4,145.98	2.00	-0.88	1.80	
9,387.00	90.16	270.08	6,941.56	1,461.81	-4,117.46	4,240.54	1.07	1.06	-0.12	
9,482.00	88.69	270.54	6,942.51	1,462.33	-4,212.46	4,335.13	1.62	-1.55	0.48	
9,577.00	89.45	270.94	6,944.06	1,463.55	-4,307.43	4,429.78	0.90	0.80	0.42	
9,672.00	90.13	271.88	6,944.40	1,465.89	-4,402.40	4,524.52	1.22	0.72	0.99	
9,766.00	91.04	272.28	6,943.44	1,469.30	-4,496.33	4,618.34	1.06	0.97	0.43	
9,861.00	88.64	269.97	6,943.71	1,471.17	-4,591.30	4,713.03	3.51	-2.53	-2.43	
9,956.00	89.37	270.43	6,945.36	1,471.50	-4,686.29	4,807.59	0.91	0.77	0.48	
10,051.00	90.21	270.22	6,945.71	1,472.04	-4,781.28	4,902.19	0.91	0.88	-0.22	
10,145.00	90.75	270.58	6,944.92	1,472.69	-4,875.28	4,995.80	0.69	0.57	0.38	
10,240.00	88.08	269.43	6,945.89	1,472.70	-4,970.26	5,090.33	3.06	-2.81	-1.21	
10,336.00	88.52	269.09	6,948.74	1,471.46	-5,066.21	5,185.70	0.58	0.46	-0.35	
10,430.00	90.02	270.34	6,949.94	1,471.00	-5,160.20	5,279.19	2.08	1.60	1.33	
10,525.00	91.29	268.83	6,948.85	1,470.31	-5,255.19	5,373.66	2.08	1.34	-1.59	
10,619.00	88.87	272.37	6,948.72	1,471.29	-5,349.16	5,467.28	4.56	-2.57	3.77	
10,713.00	90.13	270.52	6,949.54	1,473.66	-5,443.12	5,561.02	2.38	1.34	-1.97	
10,808.00	90.96	269.92	6,948.63	1,474.03	-5,538.11	5,655.59	1.08	0.87	-0.63	
10,903.00	88.55	270.99	6,949.04	1,474.78	-5,633.10	5,750.20	2.78	-2.54	1.13	
10,998.00	89.16	271.11	6,950.94	1,476.52	-5,728.06	5,844.88	0.65	0.64	0.13	
11,094.00	90.33	269.75	6,951.37	1,477.24	-5,824.06	5,940.49	1.87	1.22	-1.42	
11,188.00	90.81	270.03	6,950.43	1,477.06	-5,918.05	6,034.01	0.59	0.51	0.30	
11,283.00	89.21	268.35	6,950.41	1,475.72	-6,013.04	6,128.41	2.44	-1.68	-1.77	
11,378.00	89.85	266.39	6,951.19	1,471.36	-6,107.93	6,222.43	2.17	0.67	-2.06	
11,472.00	87.81	266.22	6,953.11	1,465.30	-6,201.71	6,315.17	2.18	-2.17	-0.18	
11,567.00	88.63	271.30	6,956.07	1,463.25	-6,296.61	6,409.41	5.41	0.86	5.35	
11,662.00	89.20	269.32	6,957.87	1,463.76	-6,391.58	6,503.98	2.17	0.60	-2.08	
11,757.00	89.39	272.63	6,959.03	1,465.38	-6,486.55	6,598.65	3.49	0.20	3.48	
11,852.00	90.65	271.51	6,959.00	1,468.81	-6,581.48	6,693.47	1.77	1.33	-1.18	
11,947.00	92.06	272.61	6,956.75	1,472.23	-6,676.39	6,788.26	1.88	1.48	1.16	
12,042.00	89.22	270.11	6,955.69	1,474.48	-6,771.34	6,882.97	3.98	-2.99	-2.63	
12,137.00	89.62	270.84	6,956.66	1,475.27	-6,866.33	6,977.59	0.88	0.42	0.77	
12,232.00	90.49	270.22	6,956.56	1,476.15	-6,961.33	7,072.21	1.12	0.92	-0.65	
12,327.00	87.97	270.81	6,957.84	1,477.00	-7,056.31	7,166.82	2.72	-2.65	0.62	
12,423.00	88.85	270.99	6,960.50	1,478.51	-7,152.26	7,262.46	0.94	0.92	0.19	
12,518.00	90.22	270.61	6,961.28	1,479.83	-7,247.24	7,357.12	1.50	1.44	-0.40	
12,614.00	89.32	270.66	6,961.66	1,480.90	-7,343.24	7,452.76	0.94	-0.94	0.05	
12,708.00	90.03	270.65	6,962.19	1,481.97	-7,437.23	7,546.41	0.76	0.76	-0.01	

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-05
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

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)	
12,804.00	91.39	268.76	6,961.00	1,481.48	-7,533.21	7,641.88	2.43	1.42	-1.97	
12,899.00	89.03	270.63	6,960.66	1,480.97	-7,628.20	7,736.37	3.17	-2.48	1.97	
12,993.00	89.82	269.82	6,961.60	1,481.34	-7,722.19	7,829.95	1.20	0.84	-0.86	
13,088.00	90.84	269.16	6,961.05	1,480.50	-7,817.19	7,924.40	1.28	1.07	-0.69	
13,184.00	89.38	271.34	6,960.87	1,480.91	-7,913.18	8,019.98	2.73	-1.52	2.27	
13,279.00	89.97	270.95	6,961.41	1,482.81	-8,008.15	8,114.69	0.74	0.62	-0.41	
13,374.00	90.86	270.11	6,960.72	1,483.69	-8,103.15	8,209.31	1.29	0.94	-0.88	
13,469.00	88.59	269.54	6,961.17	1,483.40	-8,198.14	8,303.82	2.46	-2.39	-0.60	
13,565.00	89.63	270.28	6,962.67	1,483.25	-8,294.12	8,399.33	1.33	1.08	0.77	
13,755.00	88.18	270.66	6,966.30	1,484.81	-8,484.08	8,588.53	0.79	-0.76	0.20	
13,851.00	88.51	271.79	6,969.07	1,486.86	-8,580.01	8,684.21	1.23	0.34	1.18	
13,946.00	89.02	271.67	6,971.12	1,489.73	-8,674.95	8,778.97	0.55	0.54	-0.13	
14,041.00	89.55	271.55	6,972.30	1,492.40	-8,769.90	8,873.73	0.57	0.56	-0.13	
14,136.00	90.17	270.05	6,972.53	1,493.72	-8,864.89	8,968.39	1.71	0.65	-1.58	
14,230.00	91.16	270.65	6,971.44	1,494.30	-8,958.88	9,061.99	1.23	1.05	0.64	
14,325.00	88.44	269.76	6,971.78	1,494.64	-9,053.87	9,156.56	3.01	-2.86	-0.94	
14,420.00	88.79	269.32	6,974.07	1,493.87	-9,148.84	9,251.00	0.59	0.37	-0.46	
14,515.00	89.56	269.16	6,975.44	1,492.61	-9,243.82	9,345.40	0.83	0.81	-0.17	
14,610.00	87.53	269.45	6,977.85	1,491.46	-9,338.78	9,439.79	2.16	-2.14	0.31	
14,705.00	87.58	270.61	6,981.90	1,491.51	-9,433.69	9,534.26	1.22	0.05	1.22	
14,800.00	87.75	269.17	6,985.77	1,491.33	-9,528.61	9,628.70	1.53	0.18	-1.52	
14,895.00	87.99	269.51	6,989.31	1,490.24	-9,623.54	9,723.07	0.44	0.25	0.36	
14,990.00	88.74	269.72	6,992.02	1,489.60	-9,718.49	9,817.51	0.82	0.79	0.22	
15,084.00	89.10	268.51	6,993.79	1,488.15	-9,812.46	9,910.89	1.34	0.38	-1.29	
15,180.00	90.02	269.09	6,994.53	1,486.14	-9,908.44	10,006.21	1.13	0.96	0.60	
15,275.00	88.29	269.95	6,995.93	1,485.34	-10,003.42	10,100.66	2.03	-1.82	0.91	
15,370.00	88.79	269.31	6,998.35	1,484.73	-10,098.39	10,195.11	0.85	0.53	-0.67	
15,465.00	89.68	269.79	6,999.62	1,483.98	-10,193.37	10,289.57	1.06	0.94	0.51	
15,560.00	88.02	270.81	7,001.52	1,484.48	-10,288.35	10,384.14	2.05	-1.75	1.07	
15,654.00	88.54	270.97	7,004.34	1,485.94	-10,382.30	10,477.78	0.58	0.55	0.17	
15,748.00	86.57	269.85	7,008.35	1,486.61	-10,476.20	10,571.31	2.41	-2.10	-1.19	
15,843.00	86.93	270.09	7,013.74	1,486.56	-10,571.05	10,665.69	0.46	0.38	0.25	
15,938.00	87.50	269.01	7,018.36	1,485.82	-10,665.93	10,760.05	1.28	0.60	-1.14	
16,033.00	88.37	269.81	7,021.78	1,484.84	-10,760.86	10,854.43	1.24	0.92	0.84	
16,127.00	89.01	269.20	7,023.93	1,484.03	-10,854.83	10,947.88	0.94	0.68	-0.65	
16,223.00	86.48	270.58	7,027.70	1,483.84	-10,950.75	11,043.32	3.00	-2.64	1.44	
16,318.00	86.47	270.44	7,033.55	1,484.68	-11,045.57	11,137.76	0.15	-0.01	-0.15	
16,413.00	86.69	268.94	7,039.21	1,484.17	-11,140.39	11,232.08	1.59	0.23	-1.58	
16,508.00	87.32	272.02	7,044.18	1,484.97	-11,235.25	11,326.56	3.30	0.66	3.24	
16,603.00	86.93	270.30	7,048.94	1,486.89	-11,330.10	11,421.15	1.85	-0.41	-1.81	
16,698.00	87.72	272.54	7,053.38	1,489.24	-11,424.96	11,515.79	2.50	0.83	2.36	
16,793.00	87.69	272.29	7,057.18	1,493.24	-11,519.80	11,610.57	0.26	-0.03	-0.26	
16,888.00	88.92	272.06	7,059.99	1,496.84	-11,614.69	11,705.35	1.32	1.29	-0.24	

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-05
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

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)	
16,982.00	89.60	271.99	7,061.21	1,500.16	-11,708.63	11,799.16	0.73	0.72	-0.07	
17,077.00	90.18	272.14	7,061.39	1,503.59	-11,803.56	11,893.98	0.63	0.61	0.16	
17,172.00	90.80	270.63	7,060.58	1,505.88	-11,898.53	11,988.72	1.72	0.65	-1.59	
17,268.00	88.94	270.76	7,060.79	1,507.05	-11,994.52	12,084.36	1.94	-1.94	0.14	
17,362.00	89.06	270.80	7,062.43	1,508.33	-12,088.49	12,178.01	0.13	0.13	0.04	
17,458.00	89.41	270.41	7,063.72	1,509.34	-12,184.48	12,273.64	0.55	0.36	-0.41	
17,553.00	90.80	270.77	7,063.54	1,510.32	-12,279.47	12,368.27	1.51	1.46	0.38	
17,648.00	88.73	268.97	7,063.93	1,510.10	-12,374.46	12,462.79	2.89	-2.18	-1.89	
17,743.00	86.82	270.32	7,067.62	1,509.52	-12,469.38	12,557.20	2.46	-2.01	1.42	
17,839.00	87.40	269.00	7,072.46	1,508.95	-12,565.26	12,652.56	1.50	0.60	-1.37	
17,934.00	89.00	269.69	7,075.44	1,507.86	-12,660.20	12,746.94	1.83	1.68	0.73	
18,028.00	90.85	269.87	7,075.57	1,507.50	-12,754.19	12,840.45	1.98	1.97	0.19	
18,123.00	89.55	269.80	7,075.24	1,507.23	-12,849.19	12,934.97	1.37	-1.37	-0.07	
18,218.00	88.71	268.20	7,076.68	1,505.57	-12,944.16	13,029.32	1.90	-0.88	-1.68	
18,312.00	89.37	268.04	7,078.25	1,502.49	-13,038.10	13,122.51	0.72	0.70	-0.17	
18,407.00	89.72	268.75	7,079.01	1,499.82	-13,133.06	13,216.75	0.83	0.37	0.75	
18,502.00	90.60	268.90	7,078.74	1,497.88	-13,228.03	13,311.09	0.94	0.93	0.16	
18,597.00	90.77	266.96	7,077.61	1,494.45	-13,322.96	13,405.22	2.05	0.18	-2.04	
18,690.00	90.67	270.22	7,076.44	1,492.16	-13,415.91	13,497.51	3.51	-0.11	3.51	
18,785.00	90.85	268.66	7,075.18	1,491.23	-13,510.90	13,591.95	1.65	0.19	-1.64	
18,880.00	91.76	268.67	7,073.01	1,489.02	-13,605.85	13,686.23	0.96	0.96	0.01	
18,975.00	91.59	270.27	7,070.24	1,488.14	-13,700.80	13,780.64	1.69	-0.18	1.68	
19,071.00	91.35	269.53	7,067.77	1,487.97	-13,796.77	13,876.13	0.81	-0.25	-0.77	
19,166.00	91.92	269.69	7,065.06	1,487.32	-13,891.72	13,970.57	0.62	0.60	0.17	
19,260.00	91.62	268.19	7,062.16	1,485.59	-13,985.66	14,063.89	1.63	-0.32	-1.60	
19,355.00	92.67	270.68	7,058.60	1,484.65	-14,080.58	14,158.26	2.84	1.11	2.62	
19,450.00	92.56	270.70	7,054.27	1,485.79	-14,175.48	14,252.82	0.12	-0.12	0.02	
19,545.00	93.08	270.46	7,049.59	1,486.75	-14,270.35	14,347.34	0.60	0.55	-0.25	
19,641.00	92.06	270.04	7,045.29	1,487.17	-14,366.26	14,442.82	1.15	-1.06	-0.44	
19,735.00	93.33	269.96	7,040.87	1,487.17	-14,460.15	14,536.27	1.35	1.35	-0.09	
19,831.00	92.02	271.98	7,036.39	1,488.80	-14,556.02	14,631.84	2.51	-1.36	2.10	
19,926.00	92.43	270.94	7,032.70	1,491.21	-14,650.92	14,726.52	1.18	0.43	-1.09	
20,021.00	91.20	271.52	7,029.69	1,493.25	-14,745.85	14,821.19	1.43	-1.29	0.61	
20,117.00	88.89	270.93	7,029.62	1,495.30	-14,841.82	14,916.91	2.48	-2.41	-0.61	
20,212.00	89.72	270.82	7,030.77	1,496.76	-14,936.80	15,011.57	0.88	0.87	-0.12	
20,307.00	88.51	272.00	7,032.24	1,499.09	-15,031.76	15,106.30	1.78	-1.27	1.24	
20,401.00	89.30	272.14	7,034.03	1,502.49	-15,125.68	15,200.11	0.85	0.84	0.15	
20,566.00	90.92	270.32	7,033.72	1,506.03	-15,290.63	15,364.61	1.48	0.98	-1.10	
LAST SURVEY - 20566' MD, 7034' TVD										
20,626.00	90.92	270.32	7,032.75	1,506.36	-15,350.62	15,424.35	0.00	0.00	0.00	
EXTRAPOLATION TO TD - 20626' MD, 1499' FNL, 150' FWL SEC 27										

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well SHELTON 25W-25-05
Project:	WELD COUNTY	TVD Reference:	KB 25' @ 4861.00usft
Site:	SEC 25-T4N-R65W	MD Reference:	KB 25' @ 4861.00usft
Well:	SHELTON 25W-25-05	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDT_32Bit_ODBC

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-SHELTON 25W-05 - actual wellpath misses target center by 12.63usft at 7735.56usft MD (6930.34 TVD, 1473.13 N, -2466.89 E) - Point	0.00	0.00	6,940.00	1,464.99	-2,466.54	1,348,413.59	3,247,663.63	40.286392°N	104.612229°W
PBHL-SHELTON 25W-0 - actual wellpath misses target center by 23.25usft at 20626.00usft MD (7032.75 TVD, 1506.36 N, -15350.62 E) - Point	0.00	0.00	7,015.00	1,521.36	-15,351.06	1,348,339.69	3,234,779.75	40.286534°N	104.658412°W

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
7,025.00	6,552.75	1,366.16	-1,919.54	KOP - 7025' MD, 6553' TVD	
7,735.21	6,930.30	1,473.11	-2,466.54	~2476' X-OVER PNT - 7735.21' MD, 1478' FNL, 2476' FWL SEC 25	
7,759.00	6,932.28	1,474.44	-2,490.21	HZ LANDING PNT - 7759' MD, 6932' TVD	
20,566.00	7,033.72	1,506.03	-15,290.63	LAST SURVEY - 20566' MD, 7034' TVD	
20,626.00	7,032.75	1,506.36	-15,350.62	EXTRAPOLATION TO TD - 20626' MD, 1499' FNL, 150' FWL SEC 27	

Checked By: _____	Approved By: _____	Date: _____
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