

CRESTONE PEAK RESOURCES

ADAMS COUNTY

SEC 21-T3S-R65W

BIJOU 3-65 21-22-23 2BH

OWB

Design: FINAL SURVEY

Standard Survey Report

11 November, 2024

Project: ADAMS COUNTY
Site: SEC 21-T3S-R65W
Well: BIJOU 3-65 21-22-23 2BH
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



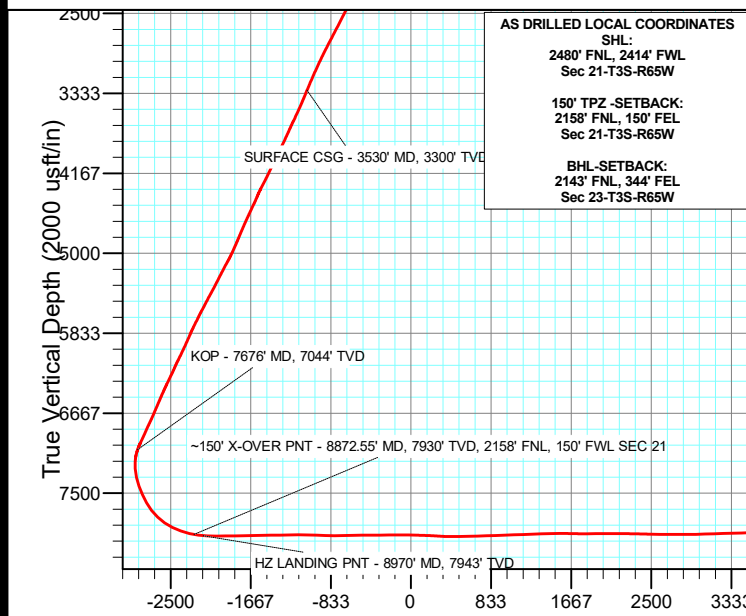
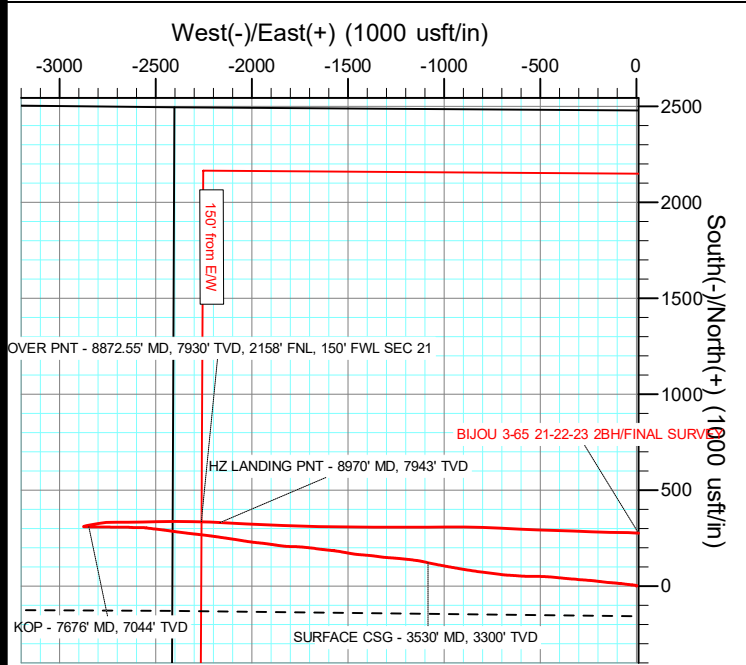
Azimuths to True North
Magnetic North: 7.39°
Magnetic Field
Strength: 51275.9nT
Dip Angle: 66.03°
Date: 10/25/2024
Model: IGRF2020

WELL DETAILS: BIJOU 3-65 21-22-23 2BH

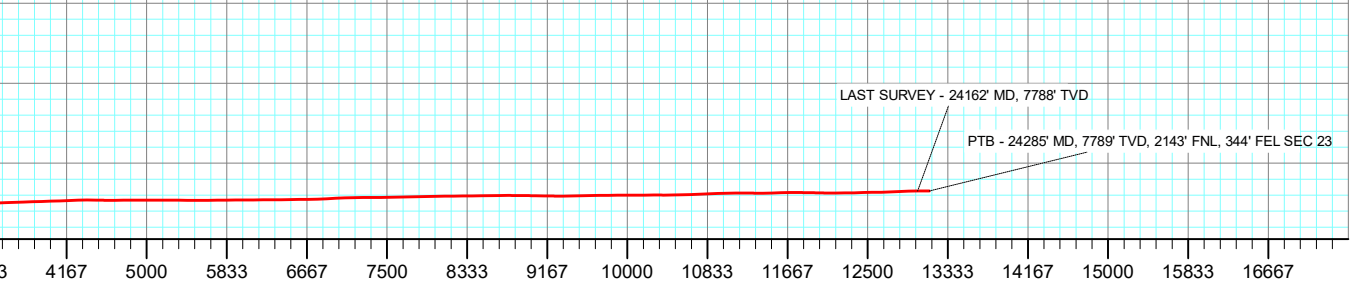
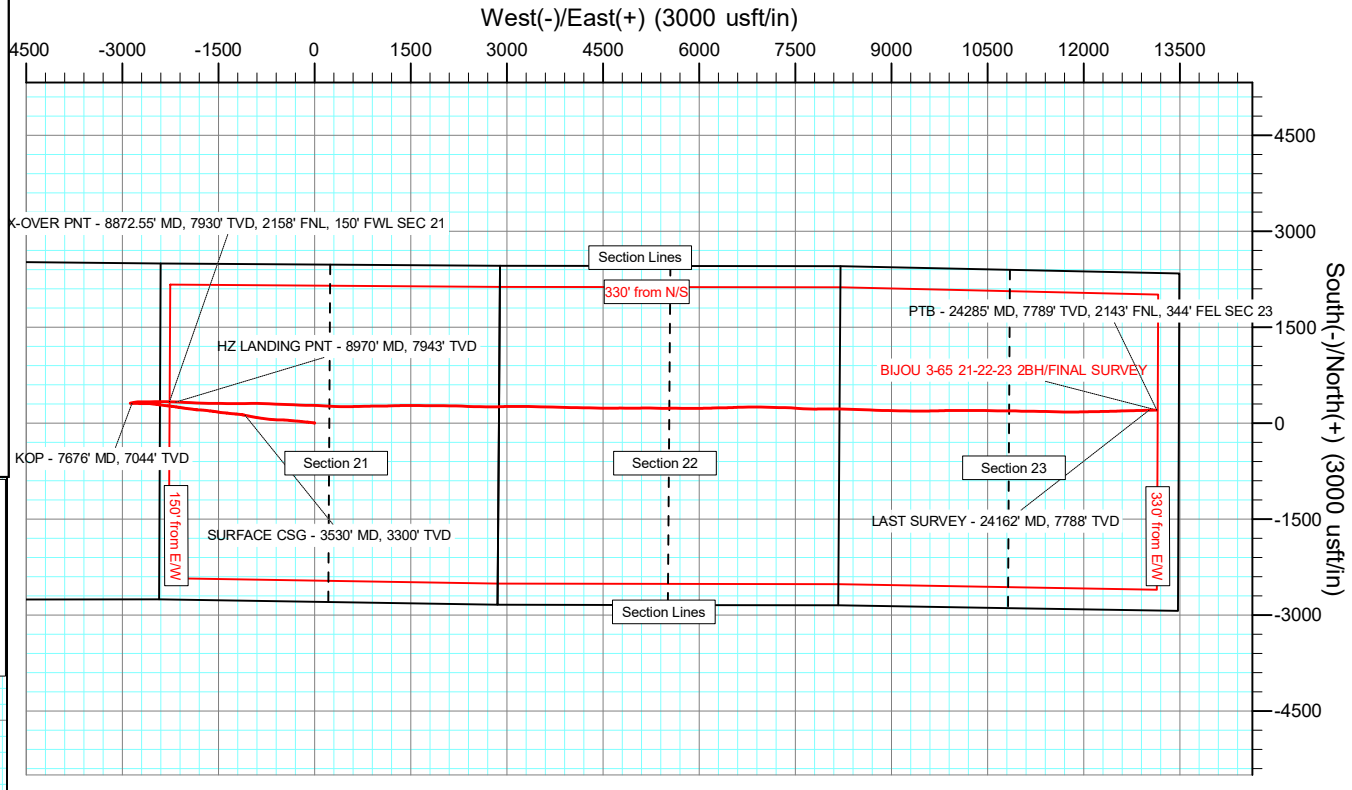
+N/-S	+E/-W	Northing	Easting	5593.00 Latitude	Longitude	Slot
0.00	0.00	1162642.69	3233386.76	39.776823°N	104.669638°W	

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
3530.00	23.25	282.41	3300.30	122.23	-1083.27	-1081.23	1098.82	SURFACE CSG - 3530' MD, 3300' TVD
7676.00	19.43	270.29	7044.20	309.05	-2847.90	-2842.73	2875.63	KOP - 7676' MD, 7044' TVD
8872.55	79.64	91.52	7929.88	336.06	-2262.05	-2256.53	3522.91	~150' X-OVER PNT - 8872.55' MD, 7930' TVD, 2158' FNL, 150' FWL SEC 21
8970.00	85.11	93.13	7942.70	331.98	-2165.58	-2160.13	3619.36	HZ LANDING PNT - 8970' MD, 7943' TVD
24162.00	89.56	88.61	7788.33	202.20	13017.16	13018.73	18807.25	LAST SURVEY - 24162' MD, 7788' TVD
24285.00	89.56	88.61	7789.28	205.18	13140.12	13141.72	18930.25	PTB - 24285' MD, 7789' TVD, 2143' FNL, 344' FEL SEC 23



AS DRILLED LOCAL COORDINATES
SHL:
2480' FNL, 2414' FWL
Sec 21-T3S-R65W
150' TPZ-SETBACK:
2158' FNL, 150' FEL
Sec 21-T3S-R65W
BHL-SETBACK:
2143' FNL, 344' FEL
Sec 23-T3S-R65W



Vertical Section at 89.11° (2000 usft/in)

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 21-22-23 2BH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	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 21-22-23 2BH					
Well Position	+N/-S	0.00 usft	Northing:	1,162,642.68 usft	Latitude:	39.776823°N
	+E/-W	0.00 usft	Easting:	3,233,386.76 usft	Longitude:	104.669638°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	10/25/2024	7.39	66.03	51,275.90502761

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	89.11	

Survey Program	Date	11/11/2024			
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	24,285.00	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	1.01	38.39	214.99	1.49	1.18	1.20	0.47	0.47	0.00	
304.00	1.18	49.08	303.97	2.70	2.36	2.40	0.30	0.19	12.01	
395.00	0.65	320.87	394.96	3.71	2.74	2.80	1.46	-0.58	-96.93	
484.00	2.74	277.97	483.92	4.40	0.31	0.38	2.59	2.35	-48.20	
579.00	3.99	275.72	578.76	5.05	-5.22	-5.15	1.32	1.32	-2.37	
674.00	7.37	275.33	673.28	5.94	-14.58	-14.49	3.56	3.56	-0.41	
769.00	9.15	277.07	767.29	7.44	-28.15	-28.03	1.89	1.87	1.83	
863.00	10.04	277.70	859.97	9.45	-43.68	-43.53	0.95	0.95	0.67	
958.00	10.08	275.86	953.51	11.41	-60.16	-59.98	0.34	0.04	-1.94	

Civitas Resources

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Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	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)
1,052.00	10.09	276.16	1,046.06	13.14	-76.53	-76.32	0.06	0.01	0.32
1,147.00	13.05	276.78	1,139.12	15.30	-95.46	-95.21	3.12	3.12	0.65
1,241.00	16.78	273.74	1,229.94	17.43	-119.55	-119.26	4.05	3.97	-3.23
1,336.00	19.45	276.01	1,320.22	19.99	-148.97	-148.64	2.91	2.81	2.39
1,430.00	19.76	276.56	1,408.77	23.44	-180.32	-179.93	0.38	0.33	0.59
1,525.00	22.12	277.03	1,497.49	27.46	-214.03	-213.57	2.49	2.48	0.49
1,620.00	23.86	273.89	1,584.95	30.96	-250.95	-250.44	2.24	1.83	-3.31
1,714.00	23.94	274.86	1,670.89	33.86	-288.92	-288.36	0.43	0.09	1.03
1,809.00	23.73	274.66	1,757.78	37.05	-327.18	-326.56	0.24	-0.22	-0.21
1,904.00	24.75	275.47	1,844.41	40.50	-366.03	-365.35	1.13	1.07	0.85
1,999.00	25.56	275.24	1,930.40	44.26	-406.23	-405.49	0.86	0.85	-0.24
2,093.00	26.83	275.17	2,014.74	48.03	-447.56	-446.75	1.35	1.35	-0.07
2,188.00	26.84	272.10	2,099.51	50.75	-490.34	-489.49	1.46	0.01	-3.23
2,283.00	26.32	269.32	2,184.48	51.28	-532.83	-531.97	1.42	-0.55	-2.93
2,377.00	27.05	272.09	2,268.47	51.81	-575.03	-574.16	1.53	0.78	2.95
2,472.00	27.29	274.87	2,352.99	54.45	-618.32	-617.40	1.36	0.25	2.93
2,567.00	27.18	272.63	2,437.46	57.30	-661.70	-660.72	1.09	-0.12	-2.36
2,662.00	27.43	277.36	2,521.88	61.10	-705.08	-704.04	2.30	0.26	4.98
2,851.00	27.94	277.26	2,689.24	72.27	-792.18	-790.95	0.27	0.27	-0.05
3,040.00	27.65	279.10	2,856.44	84.80	-879.40	-877.97	0.48	-0.15	0.97
3,134.00	26.36	279.95	2,940.19	91.85	-921.50	-919.95	1.43	-1.37	0.90
3,324.00	24.52	280.37	3,111.76	106.24	-1,001.83	-1,000.05	0.97	-0.97	0.22
3,418.00	23.69	280.76	3,197.56	113.28	-1,039.57	-1,037.68	0.90	-0.88	0.41
3,530.00	23.25	282.41	3,300.30	122.23	-1,083.27	-1,081.23	0.71	-0.39	1.48
SURFACE CSG - 3530' MD, 3300' TVD									
3,591.00	23.02	283.34	3,356.39	127.57	-1,106.63	-1,104.51	0.71	-0.38	1.52
3,685.00	23.76	277.61	3,442.68	134.32	-1,143.29	-1,141.05	2.54	0.79	-6.10
3,780.00	24.50	276.52	3,529.38	139.09	-1,181.83	-1,179.52	0.91	0.78	-1.15
3,874.00	26.49	275.67	3,614.22	143.38	-1,222.06	-1,219.67	2.15	2.12	-0.90
3,969.00	23.63	274.13	3,700.27	146.84	-1,262.14	-1,259.70	3.09	-3.01	-1.62
4,063.00	25.21	274.32	3,785.86	149.71	-1,300.90	-1,298.40	1.68	1.68	0.20
4,158.00	25.81	278.95	3,871.60	154.45	-1,341.51	-1,338.93	2.19	0.63	4.87
4,253.00	26.88	275.52	3,956.74	159.73	-1,383.32	-1,380.65	1.96	1.13	-3.61
4,378.00	25.43	274.30	4,068.94	164.46	-1,438.21	-1,435.46	1.24	-1.16	-0.98
4,472.00	25.41	279.52	4,153.85	169.31	-1,478.23	-1,475.40	2.38	-0.02	5.55
4,567.00	27.72	280.63	4,238.81	176.76	-1,520.05	-1,517.11	2.49	2.43	1.17
4,662.00	27.65	277.69	4,322.94	183.79	-1,563.61	-1,560.55	1.44	-0.07	-3.09
4,757.00	22.66	275.39	4,408.91	188.46	-1,603.70	-1,600.57	5.35	-5.25	-2.42
4,851.00	25.27	277.52	4,494.80	192.79	-1,641.63	-1,638.42	2.92	2.78	2.27
4,946.00	25.66	277.31	4,580.57	198.06	-1,682.13	-1,678.84	0.42	0.41	-0.22
5,135.00	23.05	273.65	4,752.74	205.62	-1,759.67	-1,756.24	1.59	-1.38	-1.94
5,230.00	22.79	270.13	4,840.25	206.85	-1,796.63	-1,793.18	1.47	-0.27	-3.71
5,324.00	23.84	276.28	4,926.58	208.97	-1,833.72	-1,830.24	2.82	1.12	6.54

Civitas Resources

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Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	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)	
5,418.00	25.98	278.68	5,011.84	214.15	-1,872.96	-1,869.39	2.52	2.28	2.55	
5,513.00	29.42	277.84	5,095.94	220.48	-1,916.66	-1,912.98	3.64	3.62	-0.88	
5,608.00	27.62	275.59	5,179.41	225.81	-1,961.70	-1,957.93	2.21	-1.89	-2.37	
5,702.00	26.90	277.44	5,262.97	230.68	-2,004.47	-2,000.62	1.18	-0.77	1.97	
5,797.00	27.97	279.97	5,347.29	237.32	-2,047.72	-2,043.77	1.67	1.13	2.66	
5,892.00	29.26	278.47	5,430.68	244.60	-2,092.63	-2,088.56	1.55	1.36	-1.58	
5,986.00	27.30	278.16	5,513.46	251.04	-2,136.69	-2,132.51	2.09	-2.09	-0.33	
6,081.00	28.71	278.42	5,597.33	257.48	-2,180.83	-2,176.55	1.49	1.48	0.27	
6,176.00	25.93	276.99	5,681.73	263.35	-2,224.03	-2,219.65	3.01	-2.93	-1.51	
6,270.00	26.83	276.97	5,765.94	268.42	-2,265.49	-2,261.02	0.96	0.96	-0.02	
6,365.00	23.18	275.96	5,852.02	272.97	-2,305.38	-2,300.83	3.87	-3.84	-1.06	
6,459.00	24.78	277.22	5,937.90	277.36	-2,343.32	-2,338.71	1.79	1.70	1.34	
6,554.00	25.37	277.26	6,023.95	282.44	-2,383.26	-2,378.56	0.62	0.62	0.04	
6,648.00	27.09	278.69	6,108.27	288.22	-2,424.40	-2,419.60	1.95	1.83	1.52	
6,743.00	23.62	276.67	6,194.11	293.70	-2,464.70	-2,459.81	3.76	-3.65	-2.13	
6,837.00	26.28	276.61	6,279.33	298.28	-2,504.08	-2,499.12	2.83	2.83	-0.06	
6,932.00	25.92	277.80	6,364.64	303.52	-2,545.54	-2,540.49	0.67	-0.38	1.25	
7,026.00	24.08	267.85	6,449.87	305.59	-2,585.08	-2,580.00	4.88	-1.96	-10.59	
7,121.00	23.14	274.04	6,536.93	306.18	-2,623.08	-2,617.98	2.79	-0.99	6.52	
7,215.00	23.01	270.72	6,623.41	307.71	-2,659.87	-2,654.74	1.39	-0.14	-3.53	
7,310.00	24.10	269.84	6,710.49	307.89	-2,697.84	-2,692.70	1.21	1.15	-0.93	
7,404.00	25.59	270.49	6,795.79	308.01	-2,737.33	-2,732.19	1.61	1.59	0.69	
7,499.00	23.73	269.83	6,882.12	308.13	-2,776.96	-2,771.81	1.98	-1.96	-0.69	
7,594.00	25.54	271.36	6,968.47	308.56	-2,816.56	-2,811.39	2.02	1.91	1.61	
7,676.00	19.43	270.29	7,044.20	309.05	-2,847.90	-2,842.73	7.46	-7.45	-1.30	
KOP - 7676' MD, 7044' TVD										
7,688.00	18.54	270.08	7,055.55	309.06	-2,851.80	-2,846.63	7.46	-7.44	-1.77	
7,783.00	5.99	275.76	7,148.20	309.58	-2,871.92	-2,866.73	13.26	-13.21	5.98	
7,878.00	3.50	58.62	7,243.05	311.59	-2,874.38	-2,869.16	9.51	-2.62	150.38	
7,973.00	14.08	78.12	7,336.81	315.49	-2,860.55	-2,855.28	11.41	11.14	20.53	
8,068.00	19.54	78.93	7,427.72	320.93	-2,833.63	-2,828.28	5.75	5.75	0.85	
8,162.00	23.93	81.53	7,515.02	326.75	-2,799.33	-2,793.89	4.78	4.67	2.77	
8,257.00	29.39	83.89	7,599.89	332.08	-2,757.07	-2,751.54	5.85	5.75	2.48	
8,352.00	37.77	91.48	7,679.00	333.81	-2,704.69	-2,699.15	9.85	8.82	7.99	
8,446.00	47.02	89.80	7,748.34	333.19	-2,641.38	-2,635.86	9.91	9.84	-1.79	
8,541.00	54.96	88.24	7,808.10	334.50	-2,567.64	-2,562.11	8.45	8.36	-1.64	
8,635.00	63.38	88.58	7,856.23	336.73	-2,487.03	-2,481.47	8.96	8.96	0.36	
8,730.00	70.45	90.31	7,893.46	337.54	-2,399.70	-2,394.14	7.63	7.44	1.82	
8,825.00	76.84	90.51	7,920.19	336.89	-2,308.59	-2,303.05	6.73	6.73	0.21	
8,872.55	79.64	91.52	7,929.88	336.06	-2,262.05	-2,256.53	6.24	5.89	2.11	
~150' X-OVER PNT - 8872.55' MD, 7930' TVD, 2158' FNL, 150' FWL SEC 21										
8,919.00	82.38	92.48	7,937.14	334.46	-2,216.21	-2,210.71	6.24	5.90	2.08	
8,970.00	85.11	93.13	7,942.70	331.98	-2,165.58	-2,160.13	5.51	5.36	1.28	
HZ LANDING PNT - 8970' MD, 7943' TVD										

Civitas Resources

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Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Survey										
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9,014.00	87.47	93.69	7,945.54	329.37	-2,121.75	-2,116.35	5.51	5.36	1.27	
9,108.00	91.29	92.57	7,946.56	324.24	-2,027.91	-2,022.60	4.23	4.06	-1.19	
9,202.00	90.78	92.30	7,944.86	320.24	-1,934.01	-1,928.78	0.61	-0.54	-0.29	
9,297.00	89.32	92.21	7,944.78	316.51	-1,839.09	-1,833.92	1.54	-1.54	-0.09	
9,392.00	91.87	91.67	7,943.79	313.29	-1,744.16	-1,739.05	2.74	2.68	-0.57	
9,486.00	91.23	91.19	7,941.25	310.95	-1,650.22	-1,645.17	0.85	-0.68	-0.51	
9,580.00	90.89	90.94	7,939.51	309.20	-1,556.25	-1,551.24	0.45	-0.36	-0.27	
9,675.00	91.14	90.41	7,937.83	308.08	-1,461.28	-1,456.29	0.62	0.26	-0.56	
9,770.00	90.89	90.50	7,936.14	307.33	-1,366.29	-1,361.33	0.28	-0.26	0.09	
9,864.00	91.27	89.65	7,934.37	307.20	-1,272.31	-1,267.36	0.99	0.40	-0.90	
9,959.00	89.30	89.95	7,933.90	307.53	-1,177.32	-1,172.37	2.10	-2.07	0.32	
10,053.00	88.77	89.53	7,935.48	307.96	-1,083.33	-1,078.39	0.72	-0.56	-0.45	
10,148.00	88.51	90.06	7,937.74	308.30	-988.36	-983.43	0.62	-0.27	0.56	
10,243.00	87.32	90.13	7,941.19	308.14	-893.43	-888.51	1.25	-1.25	0.07	
10,337.00	90.46	92.24	7,943.02	306.20	-799.48	-794.60	4.02	3.34	2.24	
10,431.00	91.06	92.61	7,941.77	302.22	-705.57	-700.77	0.75	0.64	0.39	
10,527.00	91.51	92.67	7,939.62	297.80	-609.70	-604.98	0.47	0.47	0.06	
10,621.00	91.10	92.31	7,937.47	293.72	-515.81	-511.17	0.58	-0.44	-0.38	
10,716.00	89.84	91.26	7,936.70	290.76	-420.87	-416.28	1.73	-1.33	-1.11	
10,811.00	90.85	92.66	7,936.12	287.51	-325.93	-321.40	1.82	1.06	1.47	
10,905.00	90.65	92.50	7,934.89	283.28	-232.03	-227.58	0.27	-0.21	-0.17	
11,000.00	89.48	90.35	7,934.79	280.92	-137.07	-132.67	2.58	-1.23	-2.26	
11,095.00	89.37	91.91	7,935.74	279.04	-42.09	-37.73	1.65	-0.12	1.64	
11,189.00	88.78	92.14	7,937.26	275.72	51.83	56.13	0.67	-0.63	0.24	
11,284.00	87.87	92.88	7,940.03	271.57	146.70	150.92	1.23	-0.96	0.78	
11,450.00	86.20	94.00	7,948.62	261.62	312.17	316.22	1.21	-1.01	0.67	
11,543.00	90.16	90.30	7,951.57	258.14	405.03	409.01	5.83	4.26	-3.98	
11,637.00	90.95	89.30	7,950.66	258.47	499.02	502.99	1.36	0.84	-1.06	
11,732.00	90.83	89.08	7,949.19	259.81	594.00	597.98	0.26	-0.13	-0.23	
11,826.00	92.01	88.63	7,946.86	261.69	687.95	691.95	1.34	1.26	-0.48	
11,921.00	91.73	88.57	7,943.76	264.01	782.87	786.90	0.30	-0.29	-0.06	
12,016.00	91.15	88.89	7,941.37	266.11	877.81	881.86	0.70	-0.61	0.34	
12,111.00	94.04	90.30	7,937.07	266.78	972.70	976.75	3.38	3.04	1.48	
12,205.00	91.04	89.05	7,932.90	267.32	1,066.60	1,070.64	3.46	-3.19	-1.33	
12,300.00	91.99	88.21	7,930.39	269.59	1,161.53	1,165.60	1.33	1.00	-0.88	
12,395.00	92.37	88.26	7,926.78	272.51	1,256.42	1,260.52	0.40	0.40	0.05	
12,490.00	91.96	87.79	7,923.19	275.78	1,351.30	1,355.44	0.66	-0.43	-0.49	
12,584.00	91.58	90.48	7,920.29	277.20	1,445.23	1,449.38	2.89	-0.40	2.86	
12,679.00	89.78	90.21	7,919.16	276.63	1,540.22	1,544.35	1.92	-1.89	-0.28	
12,774.00	89.11	90.94	7,920.08	275.67	1,635.21	1,639.31	1.04	-0.71	0.77	
12,868.00	88.65	90.05	7,921.92	274.86	1,729.19	1,733.27	1.07	-0.49	-0.95	
12,963.00	90.69	90.54	7,922.46	274.37	1,824.18	1,828.24	2.21	2.15	0.52	
13,058.00	91.26	90.86	7,920.85	273.21	1,919.16	1,923.19	0.69	0.60	0.34	

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 21-22-23 2BH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	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)	
13,152.00	89.28	90.14	7,920.40	272.39	2,013.15	2,017.15	2.24	-2.11	-0.77	
13,247.00	89.76	91.24	7,921.20	271.25	2,108.13	2,112.11	1.26	0.51	1.16	
13,342.00	89.83	91.43	7,921.54	269.04	2,203.11	2,207.04	0.21	0.07	0.20	
13,437.00	89.04	92.14	7,922.48	266.08	2,298.06	2,301.93	1.12	-0.83	0.75	
13,532.00	88.42	92.45	7,924.58	262.27	2,392.96	2,396.76	0.73	-0.65	0.33	
13,626.00	88.97	90.60	7,926.72	259.77	2,486.89	2,490.65	2.05	0.59	-1.97	
13,721.00	89.06	92.06	7,928.36	257.57	2,581.85	2,585.56	1.54	0.09	1.54	
13,815.00	90.12	89.95	7,929.03	255.92	2,675.83	2,679.50	2.51	1.13	-2.24	
13,910.00	90.22	90.05	7,928.75	255.92	2,770.83	2,774.48	0.15	0.11	0.11	
14,004.00	89.84	88.85	7,928.70	256.82	2,864.82	2,868.48	1.34	-0.40	-1.28	
14,099.00	90.58	87.27	7,928.35	260.04	2,959.76	2,963.46	1.84	0.78	-1.66	
14,193.00	92.43	90.10	7,925.88	262.20	3,053.69	3,057.41	3.60	1.97	3.01	
14,288.00	92.07	90.72	7,922.15	261.52	3,148.61	3,152.31	0.75	-0.38	0.65	
14,383.00	91.55	90.14	7,919.15	260.80	3,243.56	3,247.24	0.82	-0.55	-0.61	
14,477.00	90.58	90.41	7,917.40	260.35	3,337.55	3,341.20	1.07	-1.03	0.29	
14,571.00	92.72	91.62	7,914.70	258.69	3,431.48	3,435.11	2.62	2.28	1.29	
14,666.00	92.20	90.91	7,910.62	256.59	3,526.37	3,529.95	0.93	-0.55	-0.75	
14,855.00	91.58	91.32	7,904.39	252.92	3,715.23	3,718.73	0.39	-0.33	0.22	
14,950.00	91.43	91.62	7,901.89	250.48	3,810.17	3,813.62	0.35	-0.16	0.32	
15,045.00	91.76	91.74	7,899.25	247.70	3,905.09	3,908.48	0.37	0.35	0.13	
15,140.00	92.42	91.82	7,895.78	244.75	3,999.98	4,003.32	0.70	0.69	0.08	
15,234.00	91.60	90.86	7,892.48	242.55	4,093.90	4,097.18	1.34	-0.87	-1.02	
15,329.00	92.16	90.97	7,889.37	241.04	4,188.83	4,192.09	0.60	0.59	0.12	
15,423.00	92.79	90.28	7,885.31	240.01	4,282.74	4,285.96	0.99	0.67	-0.73	
15,518.00	89.39	91.44	7,883.50	238.58	4,377.69	4,380.89	3.78	-3.58	1.22	
15,612.00	89.44	91.88	7,884.46	235.86	4,471.65	4,474.79	0.47	0.05	0.47	
15,707.00	88.20	90.24	7,886.42	234.10	4,566.61	4,569.71	2.16	-1.31	-1.73	
15,802.00	90.79	89.01	7,887.26	234.73	4,661.59	4,664.69	3.02	2.73	-1.29	
15,897.00	91.06	89.36	7,885.72	236.08	4,756.57	4,759.68	0.47	0.28	0.37	
15,991.00	89.48	90.95	7,885.28	235.82	4,850.56	4,853.65	2.38	-1.68	1.69	
16,086.00	89.84	89.58	7,885.84	235.38	4,945.56	4,948.63	1.49	0.38	-1.44	
16,181.00	90.22	89.99	7,885.79	235.74	5,040.56	5,043.62	0.59	0.40	0.43	
16,275.00	90.48	88.91	7,885.22	236.64	5,134.55	5,137.62	1.18	0.28	-1.15	
16,370.00	90.00	91.55	7,884.82	236.26	5,229.54	5,232.59	2.82	-0.51	2.78	
16,465.00	89.46	91.66	7,885.27	233.60	5,324.50	5,327.50	0.58	-0.57	0.12	
16,559.00	89.46	89.66	7,886.15	232.52	5,418.49	5,421.46	2.13	0.00	-2.13	
16,778.00	90.62	89.99	7,886.00	233.19	5,637.48	5,640.43	0.55	0.53	0.15	
16,872.00	90.36	90.39	7,885.20	232.88	5,731.48	5,734.41	0.51	-0.28	0.43	
16,967.00	90.97	90.27	7,884.09	232.33	5,826.47	5,829.38	0.65	0.64	-0.13	
17,062.00	90.09	90.74	7,883.22	231.49	5,921.46	5,924.35	1.05	-0.93	0.49	
17,156.00	90.09	88.61	7,883.07	232.02	6,015.45	6,018.34	2.27	0.00	-2.27	
17,251.00	90.95	89.27	7,882.21	233.78	6,110.43	6,113.34	1.14	0.91	0.69	
17,346.00	90.39	87.77	7,881.10	236.23	6,205.39	6,208.32	1.69	-0.59	-1.58	
17,441.00	90.00	87.82	7,880.77	239.89	6,300.32	6,303.30	0.41	-0.41	0.05	

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 21-22-23 2BH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	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)
17,535.00	90.81	90.16	7,880.11	241.55	6,394.29	6,397.29	2.63	0.86	2.49
17,630.00	90.25	87.72	7,879.23	243.30	6,489.27	6,492.27	2.64	-0.59	-2.57
17,725.00	91.25	87.20	7,877.98	247.51	6,584.16	6,587.22	1.19	1.05	-0.55
17,819.00	90.57	88.60	7,876.49	250.96	6,678.08	6,681.19	1.66	-0.72	1.49
17,914.00	92.23	88.67	7,874.17	253.22	6,773.03	6,776.15	1.75	1.75	0.07
18,009.00	92.45	91.02	7,870.29	253.48	6,867.94	6,871.06	2.48	0.23	2.47
18,104.00	93.51	90.90	7,865.35	251.89	6,962.80	6,965.88	1.12	1.12	-0.13
18,198.00	91.51	92.27	7,861.24	249.29	7,056.66	7,059.70	2.58	-2.13	1.46
18,293.00	92.13	91.40	7,858.22	246.25	7,151.57	7,154.54	1.12	0.65	-0.92
18,388.00	89.58	90.23	7,856.80	244.90	7,246.54	7,249.48	2.95	-2.68	-1.23
18,482.00	90.06	90.43	7,857.10	244.36	7,340.53	7,343.45	0.55	0.51	0.21
18,577.00	90.77	94.10	7,856.41	240.60	7,435.44	7,438.29	3.93	0.75	3.86
18,672.00	91.02	96.56	7,854.92	231.78	7,530.01	7,532.71	2.60	0.26	2.59
18,767.00	90.97	91.11	7,853.27	225.43	7,624.75	7,627.34	5.74	-0.05	-5.74
18,861.00	91.58	92.85	7,851.18	222.18	7,718.66	7,721.19	1.96	0.65	1.85
18,955.00	90.89	89.05	7,849.16	220.63	7,812.61	7,815.10	4.11	-0.73	-4.04
19,050.00	90.81	90.06	7,847.75	221.36	7,907.60	7,910.09	1.07	-0.08	1.06
19,145.00	91.46	89.97	7,845.86	221.34	8,002.58	8,005.06	0.69	0.68	-0.09
19,240.00	90.92	89.53	7,843.89	221.75	8,097.56	8,100.03	0.73	-0.57	-0.46
19,335.00	90.89	89.85	7,842.39	222.27	8,192.54	8,195.01	0.34	-0.03	0.34
19,429.00	90.98	93.23	7,840.86	219.74	8,286.48	8,288.90	3.60	0.10	3.60
19,524.00	90.01	91.56	7,840.04	215.77	8,381.39	8,383.74	2.03	-1.02	-1.76
19,618.00	91.04	91.70	7,839.17	213.10	8,475.35	8,477.64	1.11	1.10	0.15
19,807.00	90.77	92.55	7,836.19	206.09	8,664.19	8,666.35	0.47	-0.14	0.45
19,902.00	89.70	91.86	7,835.80	202.44	8,759.12	8,761.21	1.34	-1.13	-0.73
19,997.00	89.35	91.61	7,836.59	199.56	8,854.07	8,856.11	0.45	-0.37	-0.26
20,092.00	89.38	91.24	7,837.64	197.20	8,949.04	8,951.03	0.39	0.03	-0.39
20,187.00	89.15	90.95	7,838.86	195.38	9,044.01	9,045.96	0.39	-0.24	-0.31
20,281.00	89.08	91.40	7,840.31	193.45	9,137.98	9,139.89	0.48	-0.07	0.48
20,376.00	89.00	90.40	7,841.90	191.96	9,232.95	9,234.83	1.06	-0.08	-1.05
20,471.00	90.22	90.89	7,842.55	190.89	9,327.94	9,329.79	1.38	1.28	0.52
20,565.00	91.12	90.05	7,841.45	190.12	9,421.93	9,423.75	1.31	0.96	-0.89
20,660.00	91.66	89.99	7,839.14	190.09	9,516.90	9,518.71	0.57	0.57	-0.06
20,755.00	91.11	88.47	7,836.85	191.37	9,611.87	9,613.68	1.70	-0.58	-1.60
20,849.00	90.22	89.05	7,835.76	193.40	9,705.84	9,707.67	1.13	-0.95	0.62
20,944.00	90.74	87.88	7,834.96	195.94	9,800.80	9,802.66	1.35	0.55	-1.23
21,039.00	90.51	89.45	7,833.93	198.16	9,895.76	9,897.65	1.67	-0.24	1.65
21,133.00	89.88	88.80	7,833.61	199.59	9,989.75	9,991.65	0.96	-0.67	-0.69
21,228.00	90.74	90.96	7,833.09	199.79	10,084.74	10,086.63	2.45	0.91	2.27
21,323.00	90.40	91.01	7,832.15	198.16	10,179.72	10,181.58	0.36	-0.36	0.05
21,417.00	90.08	89.58	7,831.75	197.67	10,273.72	10,275.55	1.56	-0.34	-1.52
21,512.00	89.62	89.63	7,832.00	198.33	10,368.71	10,370.55	0.49	-0.48	0.05
21,607.00	91.19	91.04	7,831.33	197.77	10,463.71	10,465.52	2.22	1.65	1.48

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 21-22-23 2BH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	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)	
21,702.00	91.62	91.54	7,829.00	195.64	10,558.65	10,560.42	0.69	0.45	0.53	
21,797.00	91.66	90.69	7,826.28	193.79	10,653.59	10,655.32	0.90	0.04	-0.89	
21,892.00	92.53	90.50	7,822.81	192.80	10,748.52	10,750.22	0.94	0.92	-0.20	
21,986.00	92.84	89.38	7,818.41	192.90	10,842.42	10,844.11	1.24	0.33	-1.19	
22,081.00	91.21	92.77	7,815.05	191.12	10,937.33	10,938.98	3.96	-1.72	3.57	
22,176.00	91.10	91.12	7,813.13	187.89	11,032.25	11,033.84	1.74	-0.12	-1.74	
22,270.00	91.38	90.47	7,811.10	186.59	11,126.22	11,127.77	0.75	0.30	-0.69	
22,365.00	89.43	91.11	7,810.43	185.28	11,221.20	11,222.73	2.16	-2.05	0.67	
22,459.00	88.50	89.71	7,812.12	184.61	11,315.18	11,316.68	1.79	-0.99	-1.49	
22,554.00	91.06	92.50	7,812.49	182.78	11,410.14	11,411.61	3.99	2.69	2.94	
22,648.00	91.76	91.52	7,810.18	179.48	11,504.06	11,505.46	1.28	0.74	-1.04	
22,742.00	91.97	91.20	7,807.12	177.25	11,597.98	11,599.33	0.41	0.22	-0.34	
22,837.00	90.06	91.13	7,805.43	175.32	11,692.94	11,694.25	2.01	-2.01	-0.07	
22,932.00	89.65	89.61	7,805.67	174.71	11,787.94	11,789.23	1.66	-0.43	-1.60	
23,026.00	89.03	89.37	7,806.76	175.54	11,881.93	11,883.22	0.71	-0.66	-0.26	
23,121.00	88.60	89.20	7,808.72	176.73	11,976.90	11,978.20	0.49	-0.45	-0.18	
23,215.00	89.40	88.16	7,810.36	178.89	12,070.86	12,072.18	1.40	0.85	-1.11	
23,310.00	90.35	89.40	7,810.57	180.92	12,165.83	12,167.17	1.64	1.00	1.31	
23,404.00	90.73	89.05	7,809.68	182.19	12,259.82	12,261.17	0.55	0.40	-0.37	
23,499.00	91.26	88.75	7,808.03	184.01	12,354.79	12,356.15	0.64	0.56	-0.32	
23,594.00	91.53	89.05	7,805.72	185.83	12,449.74	12,451.12	0.42	0.28	0.32	
23,688.00	90.72	86.55	7,803.88	189.44	12,543.64	12,545.07	2.80	-0.86	-2.66	
23,783.00	91.53	88.80	7,802.01	193.29	12,638.54	12,640.02	2.52	0.85	2.37	
23,878.00	92.35	88.76	7,798.79	195.32	12,733.46	12,734.96	0.86	0.86	-0.04	
23,972.00	92.33	88.94	7,794.96	197.20	12,827.37	12,828.88	0.19	-0.02	0.19	
24,067.00	93.05	88.21	7,790.50	199.56	12,922.23	12,923.77	1.08	0.76	-0.77	
24,162.00	89.56	88.61	7,788.33	202.20	13,017.16	13,018.73	3.70	-3.67	0.42	
LAST SURVEY - 24162' MD, 7788' TVD										
24,285.00	89.56	88.61	7,789.28	205.18	13,140.12	13,141.72	0.00	0.00	0.00	
PTB - 24285' MD, 7789' TVD, 2143' FNL, 344' FEL SEC 23										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
PBHL-BIJOU 3-65 21-22-23	0.00	0.00	7,815.00	167.77	13,154.41	1,162,933.62	3,246,538.90	39.777274°N		104.622837°W
- hit/miss target								- actual wellpath misses target center by 47.60usft at 24285.00usft MD (7789.28 TVD, 205.18 N, 13140.12 E)		
- Shape								- Point		
LP-BIJOU 3-65 21-22-23	0.00	0.00	7,940.00	314.48	-2,262.05	1,162,935.96	3,231,121.89	39.777686°N		104.677686°W
- hit/miss target								- actual wellpath misses target center by 23.72usft at 8874.88usft MD (7930.30 TVD, 336.00 N, -2259.76 E)		
- Shape								- Point		

Civitas Resources

Survey Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well BIJOU 3-65 21-22-23 2BH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5618.00usft
Site:	SEC 21-T3S-R65W	MD Reference:	KB 25' @ 5618.00usft
Well:	BIJOU 3-65 21-22-23 2BH	North Reference:	True
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	FINAL SURVEY	Database:	EDM

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
3,530.00	3,300.30	122.23	-1,083.27	SURFACE CSG - 3530' MD, 3300' TVD
7,676.00	7,044.20	309.05	-2,847.90	KOP - 7676' MD, 7044' TVD
8,872.55	7,929.88	336.06	-2,262.05	~150' X-OVER PNT - 8872.55' MD, 7930' TVD, 2158' FNL, 150' FWL SEC 21
8,970.00	7,942.70	331.98	-2,165.58	HZ LANDING PNT - 8970' MD, 7943' TVD
24,162.00	7,788.33	202.20	13,017.16	LAST SURVEY - 24162' MD, 7788' TVD
24,285.00	7,789.28	205.18	13,140.12	PTB - 24285' MD, 7789' TVD, 2143' FNL, 344' FEL SEC 23

Checked By: _____ Approved By: _____ Date: _____