



CRESTONE PEAK
RESOURCES

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	659.56	9.19	170.13	657.59	-36.24	6.30	2.00	170.13	-36.18	
4	6513.77	9.19	170.13	6436.64	-957.49	166.53	0.00	0.00	-956.10	
5	7756.96	90.42	0.47	7265.00	-245.23	196.65	8.00	-169.52	-243.61	RUEGGE 3J-4H-N165 TPZ
6	9550.62	90.42	0.47	7252.00	1548.32	211.46	0.00	0.00	1550.00	RUEGGE 3J 1550' VS
7	9701.49	87.40	0.47	7254.88	1699.14	212.71	2.00	-180.00	1700.82	
8	10321.96	87.40	0.47	7283.05	2318.95	217.83	0.00	0.00	2320.66	
9	10450.35	89.97	0.47	7286.00	2447.29	218.89	2.00	0.00	2449.00	RUEGGE 3J 2449' VS
10	12125.68	89.97	0.47	7287.00	4122.56	232.73	0.00	0.00	4124.33	RUEGGE 3J-4H-N165 BHL

FINAL
RUEGGE 3J-4H-N165
360437 185098 362037 185189
23 KB @ 4938.00usft
Ground Level @ 4915.00
North American Datum 1983
Well RUEGGE 3J-4H-N165 - Slot RUEGGE 3J-4H-N165 SHL True North

Name	Type	User	Target	No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From	TVD	Latitude	Longitude
RUEGGE 3J 1550' VS					7252.00	1548.32	211.46	40.079504	-104.670053				
RUEGGE 3J-4H-N165 TPZ					7286.00	-245.23	196.65	40.074880	-104.670106				
RUEGGE 3J 2449' VS					7286.00	2447.29	218.89	40.081971	-104.670027				
RUEGGE 3J-4H-N165 BHL					7287.00	4122.56	232.73	40.086570	-104.669977				

Project: DJ BASIN
Site: S4-T1N-R65W (RUEGGE)
Well: RUEGGE 3J-4H-N165
Wellbore: OH
Design: FINAL

True Vertical Depth (200 usft/in)

South(-)/North(+) (200 usft/in)

West(-)/East(+) (200 usft/in)



Azimuths to True North
Magnetic North: 8.17°
Magnetic Field
Strength: 52110.2nT
Dip Angle: 66.47°
Date: 6/25/2018
Model: HDGM_FILE

PTB - 12064.00' MD (464 FNL, 2305 FWL)
LAST SURVEY - 12002.00' MD
RUEGGE 3J-4H-N165 BHL

Vertical Section at 0.47° (200 usft/in)

WELL DETAILS: RUEGGE 3J-4H-N165

4915.00
+N/-S 0.00 +E/-W 0.00 Northing 1271344.62 Easting 3232041.10 Latitude 40.075253 Longitude -104.670809

CATHEDRAL



Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3J-4H-N165 - Slot RUEGGE 3J-4H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3J-4H-N165	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		S4-T1N-R65W (RUEGGE)			
Site Position:		Northing:	1,271,333.68 usft	Latitude:	40.075225
From:	Map	Easting:	3,231,971.96 usft	Longitude:	-104.671056
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.54 °

Well	RUEGGE 3J-4H-N165 - Slot RUEGGE 3J-4H-N165 SHL					
Well Position	+N/-S	0.00 usft	Northing:	1,271,344.62 usft	Latitude:	40.075253
	+E/-W	0.00 usft	Easting:	3,232,041.10 usft	Longitude:	-104.670809
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,915.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	6/25/2018	8.17	66.47	52,110.20000000

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	0.47	

Survey Program	Date	7/16/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
109.00	2,411.00	Survey #1 (OH)	VESSI_GYROFLEX	VESSI Gyroflex Gyro	
2,560.00	12,064.00	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	
109.00	0.30	94.70	109.00	-0.02	0.26	-0.02	0.30	0.30	
140.00	0.56	107.37	140.00	-0.07	0.48	-0.07	0.89	0.84	
170.00	0.24	75.62	170.00	-0.10	0.68	-0.10	1.26	-1.07	
201.00	0.38	160.39	201.00	-0.18	0.78	-0.18	1.39	0.45	
232.00	1.07	169.62	231.99	-0.56	0.87	-0.56	2.25	2.23	
292.00	2.26	173.49	291.97	-2.29	1.10	-2.28	1.99	1.98	
353.00	2.04	180.18	352.93	-4.57	1.24	-4.56	0.55	-0.36	
414.00	3.20	180.62	413.86	-7.36	1.21	-7.35	1.90	1.90	
476.00	3.82	173.58	475.74	-11.14	1.43	-11.13	1.22	1.00	
558.00	5.35	182.11	557.48	-17.68	1.59	-17.66	2.04	1.87	
643.00	6.85	181.58	642.00	-26.70	1.31	-26.69	1.77	1.76	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3J-4H-N165 - Slot RUEGGE 3J-4H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3J-4H-N165	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
701.00	7.75	177.42	699.53	-34.07	1.39	-34.06	1.80	1.55	
785.00	8.20	176.37	782.71	-45.71	2.02	-45.69	0.56	0.54	
868.00	8.41	168.29	864.85	-57.56	3.63	-57.52	1.43	0.25	
950.00	9.19	162.12	945.88	-69.66	6.86	-69.60	1.49	0.95	
1,032.00	8.54	160.73	1,026.90	-81.64	10.87	-81.55	0.83	-0.79	
1,115.00	9.65	164.98	1,108.86	-94.18	14.71	-94.05	1.56	1.34	
1,198.00	9.57	168.33	1,190.69	-107.65	17.91	-107.50	0.68	-0.10	
1,281.00	8.79	167.03	1,272.63	-120.59	20.73	-120.42	0.97	-0.94	
1,363.00	10.27	169.24	1,353.50	-133.88	23.50	-133.68	1.86	1.80	
1,446.00	10.57	172.88	1,435.13	-148.70	25.83	-148.48	0.87	0.36	
1,529.00	10.44	172.63	1,516.74	-163.71	27.73	-163.48	0.17	-0.16	
1,612.00	11.03	171.23	1,598.29	-179.02	29.91	-178.77	0.78	0.71	
1,697.00	11.48	170.40	1,681.65	-195.39	32.56	-195.12	0.56	0.53	
1,781.00	10.81	171.69	1,764.07	-211.43	35.09	-211.14	0.85	-0.80	
1,862.00	10.51	171.21	1,843.67	-226.25	37.32	-225.93	0.39	-0.37	
1,943.00	11.14	171.27	1,923.23	-241.28	39.63	-240.95	0.78	0.78	
2,025.00	9.82	169.50	2,003.86	-255.99	42.11	-255.63	1.66	-1.61	
2,108.00	8.80	166.97	2,085.76	-269.13	44.83	-268.76	1.32	-1.23	
2,192.00	8.74	167.62	2,168.78	-281.63	47.65	-281.23	0.14	-0.07	
2,281.00	8.53	167.15	2,256.77	-294.67	50.57	-294.24	0.25	-0.24	
2,371.00	7.35	165.55	2,345.91	-306.75	53.49	-306.30	1.33	-1.31	
2,411.00	7.30	164.16	2,385.58	-311.67	54.82	-311.21	0.46	-0.12	
2,560.00	10.68	169.45	2,532.73	-334.36	59.93	-333.86	2.33	2.27	
2,655.00	9.19	165.14	2,626.31	-350.35	63.49	-349.81	1.75	-1.57	
2,749.00	9.45	161.28	2,719.07	-364.91	67.89	-364.34	0.72	0.28	
2,843.00	11.73	165.41	2,811.46	-381.47	72.78	-380.86	2.55	2.43	
2,938.00	10.42	165.23	2,904.69	-399.12	77.40	-398.47	1.38	-1.38	
3,033.00	12.00	176.92	2,997.89	-417.29	80.12	-416.62	2.91	1.66	
3,127.00	9.89	174.72	3,090.17	-435.09	81.39	-434.41	2.29	-2.24	
3,222.00	8.22	173.05	3,183.98	-449.96	82.96	-449.26	1.78	-1.76	
3,317.00	9.67	170.07	3,277.83	-464.56	85.16	-463.85	1.60	1.53	
3,411.00	7.56	167.87	3,370.76	-478.38	87.82	-477.65	2.27	-2.24	
3,506.00	8.92	183.86	3,464.79	-491.84	88.64	-491.10	2.79	1.43	
3,601.00	9.76	177.27	3,558.53	-507.24	88.53	-506.49	1.43	0.88	
3,695.00	11.43	170.15	3,650.93	-524.37	90.50	-523.61	2.25	1.78	
3,790.00	8.75	168.04	3,744.45	-540.72	93.61	-539.93	2.85	-2.82	
3,885.00	8.88	178.59	3,838.34	-555.12	95.29	-554.32	1.70	0.14	
3,979.00	9.40	168.13	3,931.15	-569.89	97.04	-569.07	1.85	0.55	
4,074.00	10.90	172.53	4,024.66	-586.39	99.81	-585.55	1.78	1.58	
4,168.00	9.98	171.91	4,117.10	-603.26	102.11	-602.40	0.99	-0.98	
4,263.00	9.49	171.38	4,210.74	-619.16	104.44	-618.28	0.52	-0.52	
4,368.00	6.77	167.60	4,314.67	-633.76	107.07	-632.86	2.64	-2.59	
4,463.00	7.30	162.95	4,408.96	-645.00	110.04	-644.08	0.82	0.56	
4,558.00	10.50	165.76	4,502.80	-659.16	113.94	-658.21	3.40	3.37	
4,653.00	9.45	165.06	4,596.36	-675.09	118.08	-674.10	1.11	-1.11	
4,747.00	11.16	170.50	4,688.85	-691.52	121.57	-690.50	2.09	1.82	
4,842.00	10.72	168.83	4,782.12	-709.26	124.80	-708.21	0.57	-0.46	
4,937.00	8.35	166.99	4,875.80	-724.65	128.07	-723.57	2.51	-2.49	
5,031.00	8.26	171.12	4,968.82	-737.97	130.64	-736.87	0.64	-0.10	
5,126.00	8.13	168.22	5,062.85	-751.29	133.07	-750.17	0.46	-0.14	
5,221.00	9.62	173.23	5,156.71	-765.75	135.38	-764.61	1.77	1.57	
5,315.00	8.70	170.77	5,249.51	-780.56	137.44	-779.41	1.06	-0.98	
5,410.00	7.21	163.91	5,343.59	-793.38	140.25	-792.21	1.86	-1.57	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3J-4H-N165 - Slot RUEGGE 3J-4H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3J-4H-N165	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
5,504.00	6.68	168.83	5,436.91	-804.42	142.94	-803.22	0.85	-0.56	
5,598.00	8.04	166.20	5,530.13	-816.16	145.57	-814.94	1.49	1.45	
5,693.00	9.49	170.07	5,624.02	-830.33	148.50	-829.08	1.65	1.53	
5,787.00	10.42	175.78	5,716.60	-846.44	150.47	-845.18	1.44	0.99	
5,882.00	8.22	171.65	5,810.34	-861.73	152.08	-860.45	2.42	-2.32	
5,977.00	8.44	180.17	5,904.35	-875.42	153.05	-874.14	1.32	0.23	
6,072.00	8.44	177.89	5,998.32	-889.36	153.29	-888.07	0.35	0.00	
6,166.00	6.72	175.34	6,091.49	-901.74	153.99	-900.44	1.86	-1.83	
6,260.00	4.97	172.70	6,185.00	-911.26	154.95	-909.96	1.88	-1.86	
6,355.00	3.82	173.14	6,279.72	-918.48	155.85	-917.17	1.21	-1.21	
6,450.00	3.12	180.44	6,374.55	-924.21	156.21	-922.90	0.87	-0.74	
6,544.00	0.92	24.34	6,468.51	-926.08	156.50	-924.77	4.23	-2.34	
6,639.00	8.83	357.10	6,563.09	-918.09	156.45	-916.78	8.45	8.33	
6,734.00	14.81	358.15	6,656.04	-898.66	155.69	-897.35	6.30	6.29	
6,829.00	20.13	2.02	6,746.63	-870.16	155.87	-868.85	5.73	5.60	
6,923.00	25.84	2.37	6,833.13	-833.50	157.29	-832.18	6.08	6.07	
7,018.00	31.60	0.00	6,916.41	-787.88	158.15	-786.56	6.18	6.06	
7,112.00	33.93	0.44	6,995.45	-737.02	158.35	-735.69	2.49	2.48	
7,207.00	41.88	1.67	7,070.35	-678.71	159.48	-677.38	8.41	8.37	
7,302.00	49.57	1.05	7,136.62	-610.76	161.07	-609.42	8.11	8.09	
7,397.00	59.68	0.88	7,191.54	-533.41	162.36	-532.06	10.64	10.64	
7,491.00	71.32	359.65	7,230.46	-448.03	162.71	-446.68	12.44	12.38	
7,586.00	79.45	1.05	7,254.41	-356.18	163.30	-354.83	8.68	8.56	
7,681.00	84.55	1.05	7,267.63	-262.15	165.02	-260.79	5.37	5.37	
7,697.99	85.46	0.99	7,269.11	-245.23	165.32	-243.87	5.34	5.33	TPZ - 7697.99 (460 FSL, 2293 FWL)
7,775.00	89.56	0.70	7,272.45	-168.32	166.45	-166.95	5.34	5.33	
7,870.00	89.87	0.08	7,272.93	-73.32	167.10	-71.95	0.73	0.33	
7,964.00	90.35	359.91	7,272.75	20.68	167.09	22.05	0.54	0.51	
8,059.00	89.78	0.96	7,272.64	115.67	167.81	117.04	1.26	-0.60	
8,154.00	88.02	359.12	7,274.46	210.65	167.88	212.02	2.68	-1.85	
8,248.00	88.24	358.15	7,277.53	304.57	165.64	305.92	1.06	0.23	
8,343.00	90.26	0.96	7,278.77	399.54	164.90	400.88	3.64	2.13	
8,438.00	91.41	1.93	7,277.39	494.50	167.30	495.86	1.58	1.21	
8,533.00	92.02	1.93	7,274.55	589.40	170.50	590.78	0.64	0.64	
8,628.00	92.29	1.40	7,270.97	684.30	173.25	685.69	0.63	0.28	
8,722.00	91.06	2.19	7,268.23	778.21	176.20	779.63	1.55	-1.31	
8,817.00	91.14	2.28	7,266.40	873.12	179.90	874.56	0.13	0.08	
8,911.00	91.85	3.07	7,263.95	966.98	184.29	968.46	1.13	0.76	
9,006.00	89.96	4.74	7,262.45	1,061.74	190.76	1,063.27	2.65	-1.99	
9,100.00	89.78	4.48	7,262.66	1,155.44	198.31	1,157.02	0.34	-0.19	
9,195.00	89.25	3.95	7,263.47	1,250.18	205.29	1,251.82	0.79	-0.56	
9,289.00	88.15	3.34	7,265.60	1,343.96	211.27	1,345.65	1.34	-1.17	
9,384.00	88.15	2.11	7,268.67	1,438.80	215.78	1,440.52	1.29	0.00	
9,479.00	90.57	1.23	7,269.73	1,533.75	218.55	1,535.49	2.71	2.55	
9,574.00	91.41	0.26	7,268.09	1,628.72	219.78	1,630.47	1.35	0.88	
9,668.00	91.10	359.47	7,266.03	1,722.70	219.56	1,724.44	0.90	-0.33	
9,763.00	89.25	0.08	7,265.74	1,817.69	219.19	1,819.43	2.05	-1.95	
9,858.00	89.30	359.38	7,266.94	1,912.68	218.74	1,914.41	0.74	0.05	
9,953.00	87.76	0.88	7,269.38	2,007.65	218.96	2,009.38	2.26	-1.62	
10,047.00	88.24	0.52	7,272.66	2,101.58	220.11	2,103.32	0.64	0.51	
10,142.00	88.59	0.44	7,275.28	2,196.54	220.90	2,198.28	0.38	0.37	
10,236.00	89.60	1.67	7,276.77	2,290.51	222.63	2,292.26	1.69	1.07	
10,331.00	89.91	1.84	7,277.18	2,385.47	225.54	2,387.24	0.37	0.33	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3J-4H-N165 - Slot RUEGGE 3J-4H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3J-4H-N165	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 (°/100usft)	Build Rate (°/100u)	Formations / Comments
10,426.00	90.18	1.23	7,277.10	2,480.43	228.09	2,482.22	0.70	0.28	
10,520.00	90.44	1.32	7,276.59	2,574.41	230.18	2,576.21	0.29	0.28	
10,615.00	88.77	0.61	7,277.25	2,669.39	231.78	2,671.20	1.91	-1.76	
10,710.00	88.59	0.70	7,279.44	2,764.36	232.86	2,766.17	0.21	-0.19	
10,805.00	88.46	0.17	7,281.88	2,859.32	233.58	2,861.14	0.57	-0.14	
10,900.00	88.73	0.35	7,284.21	2,954.29	234.01	2,956.11	0.34	0.28	
10,994.00	88.64	0.00	7,286.37	3,048.27	234.30	3,050.09	0.38	-0.10	
11,088.00	88.55	0.17	7,288.67	3,142.24	234.44	3,144.05	0.20	-0.10	
11,182.00	89.43	358.94	7,290.33	3,236.22	233.71	3,238.03	1.61	0.94	
11,277.00	89.52	358.59	7,291.20	3,331.19	231.66	3,332.98	0.38	0.09	
11,372.00	89.60	357.89	7,291.93	3,426.14	228.75	3,427.90	0.74	0.08	
11,466.00	89.34	357.80	7,292.80	3,520.07	225.21	3,521.80	0.29	-0.28	
11,561.00	89.91	359.38	7,293.42	3,615.04	222.87	3,616.74	1.77	0.60	
11,655.00	90.18	358.68	7,293.35	3,709.02	221.28	3,710.71	0.80	0.29	
11,750.00	90.35	359.29	7,292.91	3,804.01	219.60	3,805.68	0.67	0.18	
11,845.00	90.35	358.68	7,292.33	3,898.99	217.92	3,900.65	0.64	0.00	
11,940.00	90.57	358.94	7,291.56	3,993.97	215.94	3,995.60	0.36	0.23	
12,002.00	90.53	358.77	7,290.97	4,055.95	214.71	4,057.58	0.28	-0.06	LAST SURVEY - 12002.00' MD
12,064.00	90.53	358.77	7,290.40	4,117.93	213.37	4,119.55	0.00	0.00	PTB - 12064.00' MD (464 FNL, 2305 FWL)

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RUEGGE 3J-4H-N165 E - hit/miss target - Shape	0.00	0.00	7,287.00	4,122.56	232.73	1,275,469.18	3,232,235.28	40.086570	-104.669977
- actual wellpath misses target center by 20.19usft at 12064.00usft MD (7290.40 TVD, 4117.93 N, 213.37 E)									
- Point									
RUEGGE 3J 1550' VS - actual wellpath misses target center by 19.05usft at 9493.79usft MD (7269.56 TVD, 1548.53 N, 218.85 E)	0.00	0.00	7,252.00	1,548.32	211.46	1,272,894.85	3,232,238.08	40.079504	-104.670053
- Point									
RUEGGE 3J 2449' VS - actual wellpath misses target center by 12.19usft at 10392.62usft MD (7277.18 TVD, 2447.06 N, 227.31 E)	0.00	0.00	7,286.00	2,447.29	218.89	1,273,793.85	3,232,237.10	40.081971	-104.670027
- Point									
RUEGGE 3J-4H-N165 T - actual wellpath misses target center by 31.59usft at 7698.27usft MD (7269.13 TVD, -244.95 N, 165.32 E)	0.00	0.00	7,265.00	-245.23	196.65	1,271,101.24	3,232,240.03	40.074580	-104.670106
- Point									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
7,697.99	7,269.11	-245.23	165.32	TPZ - 7697.99 (460 FSL, 2293 FWL)	
12,002.00	7,290.97	4,055.95	214.71	LAST SURVEY - 12002.00' MD	
12,064.00	7,290.40	4,117.93	213.37	PTB - 12064.00' MD (464 FNL, 2305 FWL)	

Checked By: _____ Approved By: _____ Date: _____