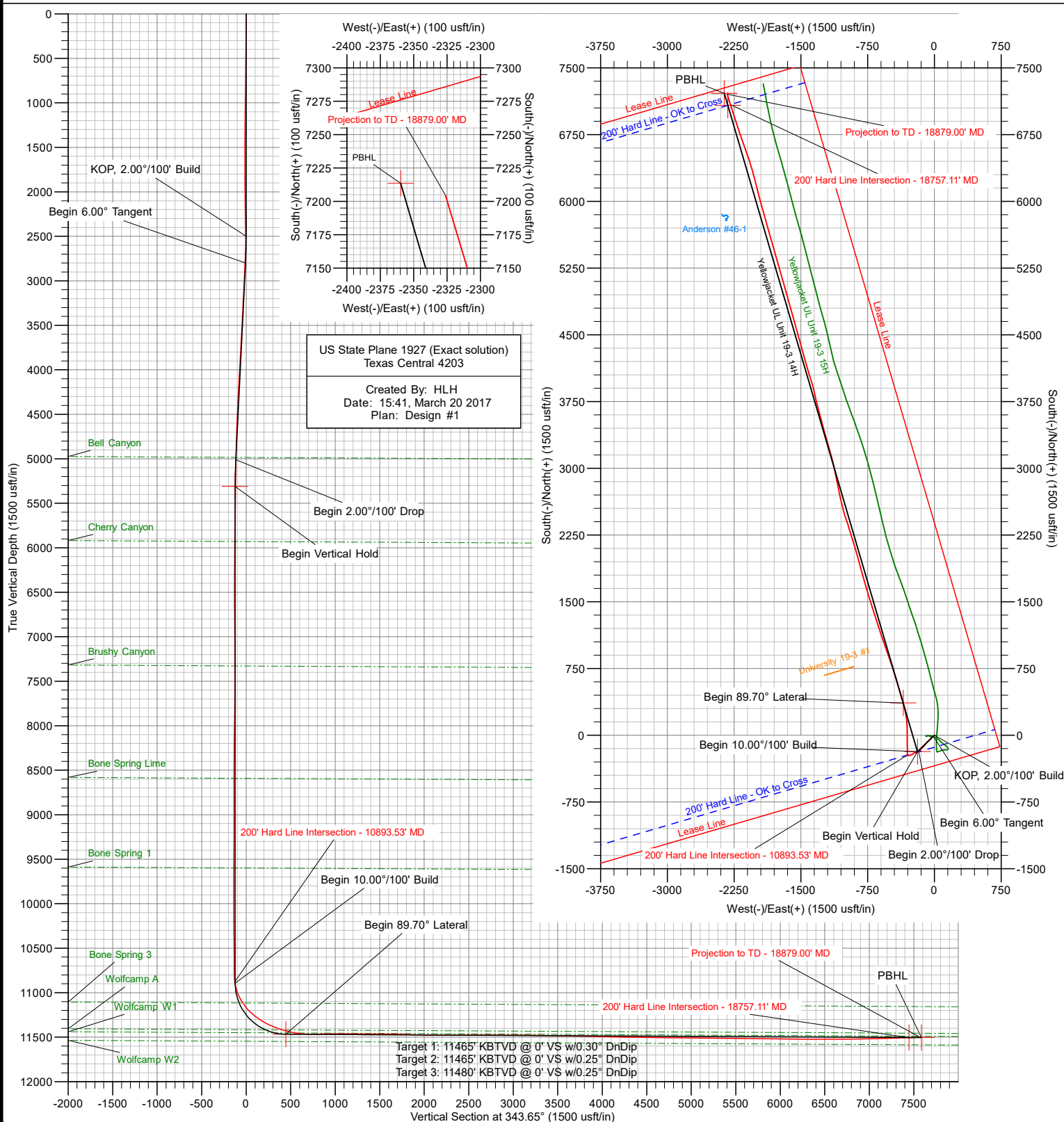


ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	KOP, 2.00°/100' Build
2799.90	6.00	225.72	2799.36	-10.95	-11.23	-7.35	15.68	Begin 6.00° Tangent
5023.36	6.00	225.72	5010.64	-173.16	-177.57	-116.17	248.02	Begin 2.00°/100' Drop
5323.27	0.00	0.00	5310.00	-184.11	-188.80	-123.52	263.71	Begin Vertical Hold
10907.66	0.00	0.00	10894.39	-184.11	-188.80	-123.52	263.71	Begin 10.00°/100' Build
11804.66	89.70	343.65	11467.34	362.79	-349.29	446.44	833.67	Begin 89.70° Lateral
18944.37	89.70	343.65	11504.72	7213.53	-2359.62	7586.06	7973.28	PBHL





Anadarko

Loving County, Texas (NAD 27)

Yellowjacket UL Unit 19-3

14H

API #: 42301331100000

Wellbore #1

Design: Surveys

Standard Survey Report

20 March, 2017

Company:	Anadarko	Local Co-ordinate Reference:	Well 14H
Project:	Loving County, Texas (NAD 27)	TVD Reference:	WELL @ 2796.86usft (Precision 576)
Site:	Yellowjacket UL Unit 19-3	MD Reference:	WELL @ 2796.86usft (Precision 576)
Well:	14H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM Conroe

Project	Loving County, Texas (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Texas Central 4203		

Well	14H			
Well Position	+N/-S	0.00 usft	Northing:	760,058.83 usft
	+E/-W	0.00 usft	Easting:	1,041,754.27 usft
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft
			Latitude:	31° 43' 11.941 N
			Longitude:	103° 24' 55.475 W
			Ground Level:	2,769.86 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	3/10/2017	7.11	59.53	47,676

Design	Surveys				
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	343.65	

Survey Program	Date	3/20/2017			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
153.00	18,879.00	Premier MWD (Wellbore #1)	MWD+IFR1	OWSG MWD + IFR1	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
153.00	0.31	180.44	153.00	-0.41	0.00	-0.40	0.20	0.20	0.00	
330.00	0.62	184.74	329.99	-1.85	-0.09	-1.75	0.18	0.18	2.43	
510.00	0.92	190.37	509.98	-4.24	-0.43	-3.95	0.17	0.17	3.13	
700.00	0.88	207.16	699.95	-7.04	-1.37	-6.37	0.14	-0.02	8.84	
887.00	1.19	209.44	886.92	-10.01	-2.98	-8.76	0.17	0.17	1.22	
1,071.00	0.97	227.81	1,070.89	-12.72	-5.07	-10.77	0.22	-0.12	9.98	
1,250.00	1.01	219.11	1,249.86	-14.96	-7.19	-12.33	0.09	0.02	-4.86	
1,430.00	0.84	217.70	1,429.84	-17.23	-9.00	-14.00	0.10	-0.09	-0.78	
1,609.00	0.44	259.54	1,608.83	-18.40	-10.47	-14.70	0.33	-0.22	23.37	
1,788.00	0.04	304.45	1,787.83	-18.49	-11.20	-14.58	0.23	-0.22	25.09	
1,967.00	0.62	7.21	1,966.82	-17.49	-11.13	-13.65	0.34	0.32	35.06	
2,146.00	1.27	28.12	2,145.80	-14.78	-10.07	-11.35	0.41	0.36	11.68	
2,326.00	1.45	27.33	2,325.75	-11.00	-8.09	-8.27	0.10	0.10	-0.44	
2,415.00	0.66	359.38	2,414.73	-9.48	-7.58	-6.97	1.03	-0.89	-31.40	

Company:	Anadarko	Local Co-ordinate Reference:	Well 14H
Project:	Loving County, Texas (NAD 27)	TVD Reference:	WELL @ 2796.86usft (Precision 576)
Site:	Yellowjacket UL Unit 19-3	MD Reference:	WELL @ 2796.86usft (Precision 576)
Well:	14H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM Conroe

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
2,505.00	1.05	275.71	2,504.73	-8.88	-8.40	-6.16	1.31	0.43	-92.97	
2,594.00	2.55	234.67	2,593.68	-9.95	-10.83	-6.50	2.12	1.69	-46.11	
2,684.00	3.78	228.60	2,683.54	-13.07	-14.69	-8.40	1.41	1.37	-6.74	
2,774.00	4.97	225.70	2,773.28	-17.75	-19.71	-11.49	1.34	1.32	-3.22	
2,863.00	4.75	222.27	2,861.96	-23.17	-24.94	-15.21	0.41	-0.25	-3.85	
2,953.00	5.63	223.42	2,951.59	-29.13	-30.48	-19.38	0.98	0.98	1.28	
3,043.00	6.73	225.79	3,041.07	-36.02	-37.30	-24.06	1.25	1.22	2.63	
3,132.00	6.68	227.46	3,129.46	-43.16	-44.85	-28.78	0.23	-0.06	1.88	
3,222.00	6.51	227.72	3,218.86	-50.13	-52.48	-33.33	0.19	-0.19	0.29	
3,311.00	6.20	228.07	3,307.32	-56.73	-59.79	-37.61	0.35	-0.35	0.39	
3,401.00	5.71	222.54	3,396.83	-63.28	-66.43	-42.02	0.84	-0.54	-6.14	
3,491.00	5.67	225.00	3,486.39	-69.72	-72.60	-46.46	0.27	-0.04	2.73	
3,580.00	5.98	227.28	3,574.93	-75.98	-79.12	-50.63	0.43	0.35	2.56	
3,670.00	5.85	224.65	3,664.45	-82.42	-85.79	-54.94	0.33	-0.14	-2.92	
3,760.00	5.32	219.64	3,754.02	-88.89	-91.67	-59.49	0.80	-0.59	-5.57	
3,939.00	5.23	212.61	3,932.26	-102.16	-101.36	-69.49	0.36	-0.05	-3.93	
4,118.00	5.93	216.74	4,110.42	-116.44	-111.29	-80.40	0.45	0.39	2.31	
4,208.00	6.07	222.98	4,199.92	-123.65	-117.32	-85.62	0.74	0.16	6.93	
4,298.00	6.46	230.27	4,289.39	-130.36	-124.45	-90.06	0.98	0.43	8.10	
4,477.00	4.88	228.60	4,467.51	-141.84	-137.91	-97.28	0.89	-0.88	-0.93	
4,656.00	4.18	223.94	4,645.95	-151.57	-148.15	-103.74	0.44	-0.39	-2.60	
4,835.00	3.34	216.56	4,824.56	-160.45	-155.78	-110.11	0.54	-0.47	-4.12	
5,004.00	2.29	226.49	4,993.36	-166.73	-161.16	-114.62	0.68	-0.62	5.88	
5,118.00	2.19	226.90	5,107.27	-169.79	-164.40	-116.64	0.09	-0.09	0.36	
5,297.00	2.05	227.35	5,286.15	-174.30	-169.26	-119.60	0.08	-0.08	0.25	
5,477.00	1.92	231.22	5,466.04	-178.37	-173.97	-122.18	0.10	-0.07	2.15	
5,656.00	1.92	230.65	5,644.94	-182.15	-178.63	-124.49	0.01	0.00	-0.32	
5,835.00	1.91	235.32	5,823.84	-185.74	-183.40	-126.60	0.09	-0.01	2.61	
6,014.00	1.94	240.77	6,002.74	-188.92	-188.50	-128.22	0.10	0.02	3.04	
6,194.00	1.71	245.33	6,182.65	-191.53	-193.60	-129.29	0.15	-0.13	2.53	
6,373.00	1.67	237.77	6,361.57	-194.04	-198.23	-130.39	0.13	-0.02	-4.22	
6,552.00	1.86	243.90	6,540.48	-196.70	-203.05	-131.59	0.15	0.11	3.42	
6,731.00	0.70	311.98	6,719.44	-197.25	-206.47	-131.15	0.96	-0.65	38.03	
6,911.00	0.99	290.34	6,899.42	-195.98	-208.75	-129.29	0.24	0.16	-12.02	
7,090.00	1.11	269.17	7,078.39	-195.46	-211.93	-127.90	0.23	0.07	-11.83	
7,269.00	1.50	261.29	7,257.35	-195.84	-215.98	-127.12	0.24	0.22	-4.40	
7,448.00	1.53	257.67	7,436.28	-196.71	-220.63	-126.65	0.06	0.02	-2.02	
7,628.00	2.11	244.31	7,616.19	-198.66	-225.96	-127.01	0.40	0.32	-7.42	
7,807.00	1.69	235.43	7,795.10	-201.58	-231.11	-128.37	0.29	-0.23	-4.96	
7,986.00	2.07	223.07	7,974.00	-205.44	-235.49	-130.84	0.31	0.21	-6.91	
8,165.00	1.37	222.57	8,152.92	-209.38	-239.14	-133.59	0.39	-0.39	-0.28	
8,345.00	1.28	233.47	8,332.87	-212.16	-242.21	-135.40	0.15	-0.05	6.06	
8,524.00	1.09	232.08	8,511.83	-214.40	-245.16	-136.71	0.11	-0.11	-0.78	
8,703.00	1.07	237.72	8,690.80	-216.34	-247.92	-137.80	0.06	-0.01	3.15	

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Site:	Yellowjacket UL Unit 19-3	MD Reference:	WELL @ 2796.86usft (Precision 576)
Well:	14H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM Conroe

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,883.00	0.33	240.75	8,870.79	-217.49	-249.79	-138.38	0.41	-0.41	1.68
9,062.00	1.70	261.35	9,049.75	-218.14	-252.87	-138.13	0.78	0.77	11.51
9,241.00	1.15	288.77	9,228.70	-217.96	-257.19	-136.75	0.48	-0.31	15.32
9,421.00	1.70	244.54	9,408.65	-218.53	-261.31	-136.13	0.66	0.31	-24.57
9,600.00	1.17	217.73	9,587.59	-221.11	-264.83	-137.62	0.47	-0.30	-14.98
9,779.00	2.29	248.47	9,766.51	-223.87	-269.27	-139.02	0.79	0.63	17.17
9,958.00	2.21	249.92	9,945.37	-226.37	-275.84	-139.56	0.05	-0.04	0.81
10,137.00	0.64	298.98	10,124.32	-227.07	-279.96	-139.08	1.04	-0.88	27.41
10,317.00	2.18	271.78	10,304.26	-226.48	-284.26	-137.30	0.91	0.86	-15.11
10,496.00	2.53	256.69	10,483.11	-227.28	-291.51	-136.03	0.40	0.20	-8.43
10,676.00	2.35	262.23	10,662.95	-228.69	-299.03	-135.27	0.16	-0.10	3.08
10,774.00	1.38	263.13	10,760.89	-229.11	-302.19	-134.77	0.99	-0.99	0.92
10,842.00	1.73	342.09	10,828.87	-228.23	-303.32	-133.61	2.93	0.51	116.12
10,893.53	7.73	0.74	10,880.21	-224.02	-303.52	-129.52	11.86	11.64	36.19
200' Hard Line Intersection - 10893.53' MD									
10,931.00	12.16	2.65	10,917.11	-217.56	-303.30	-123.38	11.86	11.83	5.10
11,021.00	22.45	2.57	11,002.92	-190.85	-302.09	-98.09	11.43	11.43	-0.09
11,111.00	30.53	356.26	11,083.42	-150.80	-302.81	-59.45	9.50	8.98	-7.01
11,201.00	39.65	359.09	11,156.99	-99.16	-304.76	-9.36	10.29	10.13	3.14
11,290.00	47.79	0.14	11,221.26	-37.71	-305.13	49.72	9.18	9.15	1.18
11,380.00	55.10	0.08	11,277.31	32.63	-305.00	117.17	8.12	8.12	-0.07
11,470.00	59.89	357.61	11,325.67	108.48	-306.57	190.40	5.80	5.32	-2.74
11,559.00	65.97	353.54	11,366.16	187.43	-312.76	267.89	7.95	6.83	-4.57
11,589.00	67.40	350.90	11,378.04	214.72	-316.49	295.13	9.38	4.77	-8.80
11,712.00	73.20	345.43	11,419.51	327.94	-340.32	410.48	6.30	4.72	-4.45
11,807.00	77.81	343.61	11,443.28	416.55	-364.87	502.41	5.19	4.85	-1.92
11,902.00	82.69	343.90	11,459.37	506.41	-391.06	596.01	5.15	5.14	0.31
11,996.00	89.70	343.16	11,465.60	596.30	-417.63	689.75	7.50	7.46	-0.79
12,091.00	91.09	341.98	11,464.95	686.93	-446.09	784.72	1.92	1.46	-1.24
12,185.00	90.88	341.74	11,463.33	776.24	-475.35	878.66	0.34	-0.22	-0.26
12,279.00	89.19	340.85	11,463.27	865.27	-505.49	972.58	2.03	-1.80	-0.95
12,373.00	89.76	340.15	11,464.14	953.88	-536.87	1,066.43	0.96	0.61	-0.74
12,469.00	90.34	341.86	11,464.05	1,044.65	-568.12	1,162.33	1.88	0.60	1.78
12,563.00	89.74	341.75	11,463.99	1,133.95	-597.47	1,256.28	0.65	-0.64	-0.12
12,658.00	89.21	339.93	11,464.86	1,223.67	-628.64	1,351.16	2.00	-0.56	-1.92
12,752.00	90.43	342.77	11,465.15	1,312.73	-658.70	1,445.07	3.29	1.30	3.02
12,847.00	89.48	342.91	11,465.23	1,403.50	-686.73	1,540.06	1.01	-1.00	0.15
12,942.00	89.76	343.73	11,465.86	1,494.50	-713.99	1,635.05	0.91	0.29	0.86
13,037.00	88.12	341.35	11,467.61	1,585.10	-742.49	1,730.01	3.04	-1.73	-2.51
13,132.00	87.66	344.74	11,471.11	1,675.89	-770.17	1,824.92	3.60	-0.48	3.57
13,226.00	87.78	344.71	11,474.85	1,766.50	-794.92	1,918.83	0.13	0.13	-0.03
13,320.00	87.98	343.47	11,478.33	1,856.83	-820.67	2,012.76	1.34	0.21	-1.32
13,414.00	90.62	344.98	11,479.48	1,947.28	-846.22	2,106.74	3.24	2.81	1.61

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Site:	Yellowjacket UL Unit 19-3	MD Reference:	WELL @ 2796.86usft (Precision 576)
Well:	14H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM Conroe

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,509.00	90.97	345.53	11,478.16	2,039.14	-870.39	2,201.69	0.69	0.37	0.58
13,604.00	88.25	341.46	11,478.81	2,130.19	-897.37	2,296.66	5.15	-2.86	-4.28
13,699.00	91.09	343.21	11,479.35	2,220.70	-926.20	2,391.62	3.51	2.99	1.84
13,793.00	91.26	343.41	11,477.43	2,310.72	-953.19	2,485.60	0.28	0.18	0.21
13,888.00	89.66	340.85	11,476.66	2,401.12	-982.33	2,580.55	3.18	-1.68	-2.69
13,983.00	89.92	342.89	11,477.01	2,491.40	-1,011.89	2,675.50	2.16	0.27	2.15
14,077.00	89.26	347.28	11,477.68	2,582.21	-1,036.08	2,769.45	4.72	-0.70	4.67
14,171.00	89.90	347.68	11,478.37	2,673.97	-1,056.46	2,863.23	0.80	0.68	0.43
14,265.00	90.13	348.90	11,478.35	2,766.01	-1,075.54	2,956.92	1.32	0.24	1.30
14,360.00	89.26	347.85	11,478.85	2,859.06	-1,094.68	3,051.60	1.44	-0.92	-1.11
14,455.00	89.19	347.64	11,480.14	2,951.89	-1,114.84	3,146.35	0.23	-0.07	-0.22
14,549.00	90.64	347.86	11,480.28	3,043.75	-1,134.79	3,240.10	1.56	1.54	0.23
14,644.00	89.05	344.44	11,480.54	3,135.97	-1,157.52	3,335.00	3.97	-1.67	-3.60
14,738.00	89.05	344.25	11,482.09	3,226.47	-1,182.88	3,428.98	0.20	0.00	-0.20
14,832.00	88.67	343.72	11,483.97	3,316.80	-1,208.81	3,522.96	0.69	-0.40	-0.56
14,927.00	88.43	345.19	11,486.37	3,408.29	-1,234.26	3,617.91	1.57	-0.25	1.55
15,021.00	89.01	345.10	11,488.47	3,499.13	-1,258.36	3,711.86	0.62	0.62	-0.10
15,115.00	89.49	344.75	11,489.70	3,589.89	-1,282.80	3,805.83	0.63	0.51	-0.37
15,210.00	88.59	346.10	11,491.29	3,681.81	-1,306.70	3,900.76	1.71	-0.95	1.42
15,304.00	89.13	346.16	11,493.16	3,773.05	-1,329.23	3,994.66	0.58	0.57	0.06
15,399.00	89.02	347.30	11,494.69	3,865.50	-1,351.04	4,089.50	1.21	-0.12	1.20
15,494.00	87.88	343.21	11,497.27	3,957.32	-1,375.20	4,184.41	4.47	-1.20	-4.31
15,589.00	88.12	343.19	11,500.58	4,048.21	-1,402.64	4,279.35	0.25	0.25	-0.02
15,684.00	88.93	343.62	11,503.03	4,139.22	-1,429.76	4,374.32	0.97	0.85	0.45
15,779.00	88.94	343.88	11,504.79	4,230.41	-1,456.34	4,469.30	0.27	0.01	0.27
15,874.00	89.76	344.89	11,505.87	4,321.90	-1,481.91	4,564.28	1.37	0.86	1.06
15,968.00	89.68	344.29	11,506.33	4,412.52	-1,506.89	4,658.27	0.64	-0.09	-0.64
16,064.00	89.68	344.46	11,506.87	4,504.97	-1,532.75	4,754.26	0.18	0.00	0.18
16,159.00	89.65	344.13	11,507.42	4,596.42	-1,558.46	4,849.25	0.35	-0.03	-0.35
16,254.00	89.79	345.05	11,507.89	4,688.00	-1,583.70	4,944.24	0.98	0.15	0.97
16,348.00	89.02	344.39	11,508.86	4,778.67	-1,608.48	5,038.22	1.08	-0.82	-0.70
16,443.00	89.45	344.50	11,510.13	4,870.18	-1,633.95	5,133.20	0.47	0.45	0.12
16,538.00	89.37	344.50	11,511.11	4,961.72	-1,659.33	5,228.18	0.08	-0.08	0.00
16,634.00	88.97	344.32	11,512.50	5,054.18	-1,685.13	5,324.16	0.46	-0.42	-0.19
16,728.00	89.17	343.24	11,514.02	5,144.43	-1,711.38	5,418.15	1.17	0.21	-1.15
16,822.00	89.19	343.88	11,515.37	5,234.58	-1,737.99	5,512.14	0.68	0.02	0.68
16,917.00	89.45	344.09	11,516.50	5,325.88	-1,764.19	5,607.13	0.35	0.27	0.22
17,011.00	89.76	344.06	11,517.15	5,416.27	-1,789.98	5,701.13	0.33	0.33	-0.03
17,105.00	89.58	344.03	11,517.69	5,506.65	-1,815.82	5,795.12	0.19	-0.19	-0.03
17,200.00	89.41	344.60	11,518.52	5,598.11	-1,841.50	5,890.11	0.63	-0.18	0.60
17,295.00	89.45	343.83	11,519.47	5,689.52	-1,867.35	5,985.10	0.81	0.04	-0.81
17,390.00	89.29	344.98	11,520.51	5,781.02	-1,892.88	6,080.09	1.22	-0.17	1.21
17,484.00	89.27	344.12	11,521.69	5,871.61	-1,917.92	6,174.07	0.92	-0.02	-0.91
17,578.00	89.11	344.63	11,523.02	5,962.13	-1,943.24	6,268.05	0.57	-0.17	0.54

Company:	Anadarko	Local Co-ordinate Reference:	Well 14H
Project:	Loving County, Texas (NAD 27)	TVD Reference:	WELL @ 2796.86usft (Precision 576)
Site:	Yellowjacket UL Unit 19-3	MD Reference:	WELL @ 2796.86usft (Precision 576)
Well:	14H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM Conroe

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,672.00	89.46	345.52	11,524.20	6,052.95	-1,967.45	6,362.01	1.02	0.37	0.95
17,767.00	89.43	345.49	11,525.12	6,144.92	-1,991.22	6,456.96	0.04	-0.03	-0.03
17,862.00	90.39	345.36	11,525.27	6,236.86	-2,015.13	6,551.91	1.02	1.01	-0.14
17,957.00	90.64	344.84	11,524.41	6,328.66	-2,039.55	6,646.88	0.61	0.26	-0.55
18,052.00	91.32	343.16	11,522.79	6,419.97	-2,065.74	6,741.86	1.91	0.72	-1.77
18,147.00	90.62	339.67	11,521.18	6,509.98	-2,096.00	6,836.75	3.75	-0.74	-3.67
18,242.00	90.85	340.87	11,519.96	6,599.40	-2,128.07	6,931.58	1.29	0.24	1.26
18,337.00	91.25	340.87	11,518.22	6,689.14	-2,159.20	7,026.45	0.42	0.42	0.00
18,432.00	91.33	341.09	11,516.08	6,778.93	-2,190.15	7,121.32	0.25	0.08	0.23
18,525.00	91.54	341.54	11,513.75	6,867.00	-2,219.94	7,214.22	0.53	0.23	0.48
18,620.00	91.78	342.27	11,511.00	6,957.26	-2,249.43	7,309.13	0.81	0.25	0.77
18,715.00	92.03	342.35	11,507.84	7,047.72	-2,278.28	7,404.05	0.28	0.26	0.08
18,757.11	92.37	342.78	11,506.22	7,087.86	-2,290.89	7,446.13	1.31	0.81	1.03
200' Hard Line Intersection - 18757.11' MD									
18,813.00	92.82	343.36	11,503.69	7,141.28	-2,307.14	7,501.96	1.31	0.81	1.03
18,879.00	92.82	343.36	11,500.45	7,204.44	-2,326.02	7,567.87	0.00	0.00	0.00
Projection to TD - 18879.00' MD									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,893.53	10,880.21	-224.02	-303.52	200' Hard Line Intersection - 10893.53' MD
18,757.11	11,506.22	7,087.86	-2,290.89	200' Hard Line Intersection - 18757.11' MD
18,879.00	11,500.45	7,204.44	-2,326.02	Projection to TD - 18879.00' MD