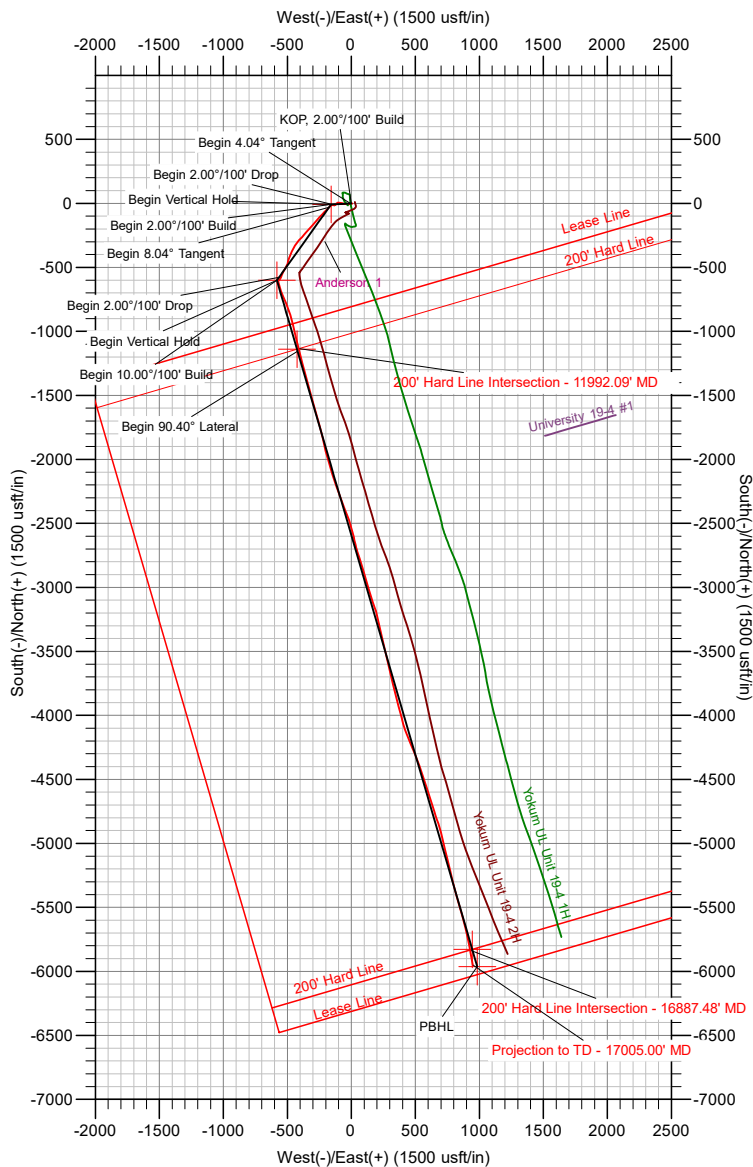
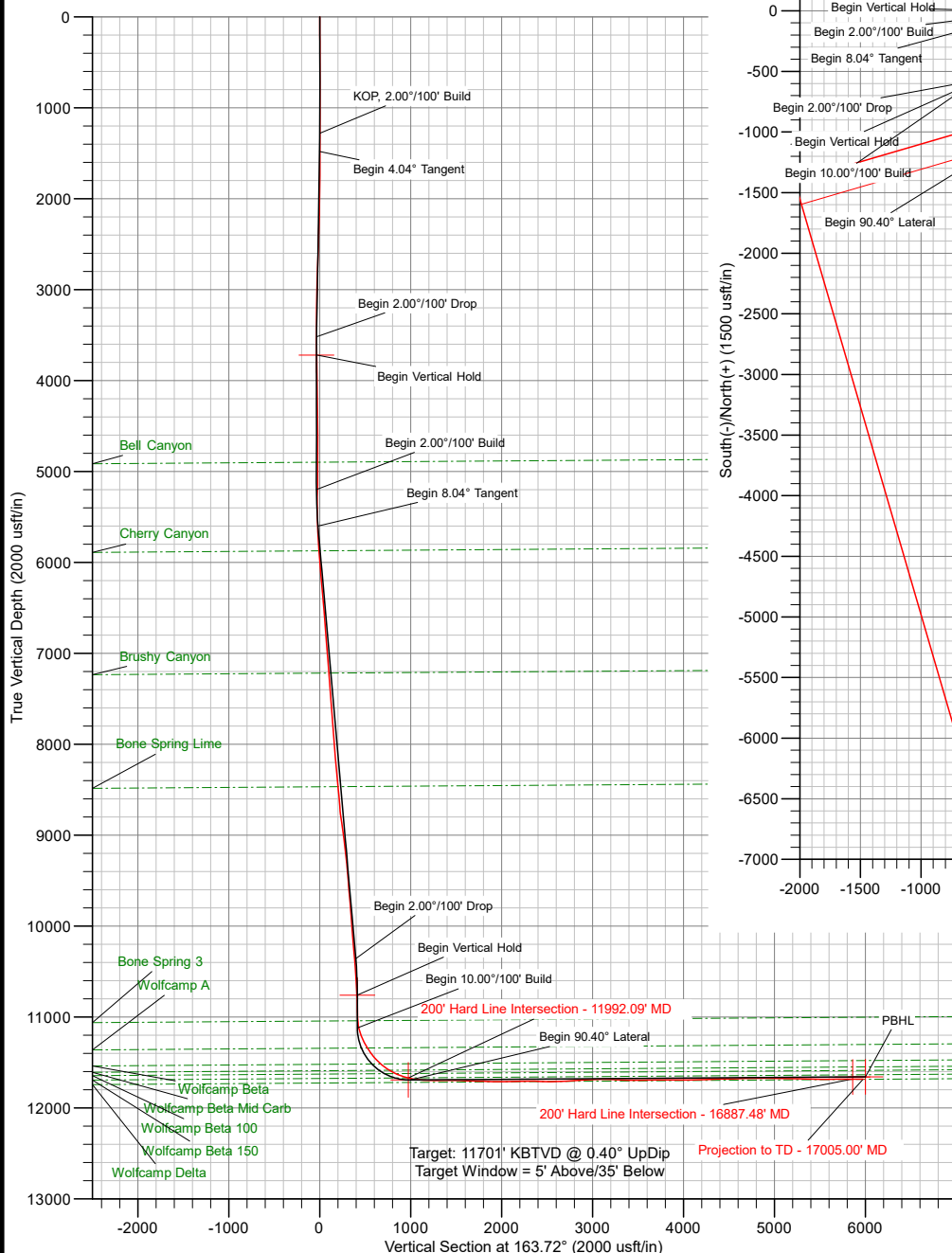


ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
1280.00	0.00	0.00	1280.00	0.00	0.00	0.00	0.00	KOP, 2.00°/100' Build
1481.91	4.04	267.10	1481.74	-0.36	-7.10	-1.65	7.11	Begin 4.04° Tangent
3523.50	4.04	267.10	3518.26	-7.64	-150.69	-34.91	150.88	Begin 2.00°/100' Drop
3725.40	0.00	0.00	3720.00	-8.00	-157.79	-36.55	157.99	Begin Vertical Hold
5205.40	0.00	0.00	5200.00	-8.00	-157.79	-36.55	157.99	Begin 2.00°/100' Build
5607.56	8.04	215.55	5600.84	-30.93	-174.18	-19.14	186.17	Begin 8.04° Tangent
10413.15	8.04	215.55	10359.16	-578.00	-565.11	396.41	858.57	Begin 2.00°/100' Drop
10815.32	0.00	0.00	10760.00	-600.93	-581.50	413.82	886.76	Begin Vertical Hold
11176.45	0.00	0.00	11121.14	-600.93	-581.50	413.82	886.76	Begin 10.00°/100' Build
12080.45	90.40	163.72	11694.08	-1154.76	-419.79	990.78	1463.71	Begin 90.40° Lateral
17089.25	90.40	163.72	11659.12	-5962.67	984.06	5999.45	6472.38	PBHL

US State Plane 1927 (Exact solution)  
Texas Central 4203

Created By: HLH  
Date: 14:55, January 23 2017  
Plan: Design #1





## **Anadarko**

**Loving County, Texas (NAD 27)**

**Yokum UL Unit 19-4**

**3H**

**API #: 42301330300000**

**Wellbore #1**

**Design: Surveys**

## **Standard Survey Report**

**23 January, 2017**

<b>Company:</b>	Anadarko	<b>Local Co-ordinate Reference:</b>	Well 3H
<b>Project:</b>	Loving County, Texas (NAD 27)	<b>TVD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Site:</b>	Yokum UL Unit 19-4	<b>MD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Well:</b>	3H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	EDM Conroe

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

<b>Well</b>	3H				
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	760,907.15 usft	<b>Latitude:</b> 31° 43' 18.104 N
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	1,033,654.74 usft	<b>Longitude:</b> 103° 26' 29.485 W
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>	usft	<b>Ground Level:</b> 2,770.98 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	User Defined	12/16/2016	7.09	59.52	47,692
	User Defined	1/24/2017	7.08	59.52	47,681

<b>Design</b>	Surveys				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	163.72	

<b>Survey Program</b>	<b>Date</b>	1/23/2017			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
198.00	17,005.00	Premier MWD (Wellbore #1)	MWD+IFR1	OWSG MWD + IFR1	

<b>Survey</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Vertical Section (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
198.00	0.40	139.90	198.00	-0.53	0.45	0.63	0.20	0.20	0.00	
271.00	0.50	116.60	271.00	-0.87	0.89	1.08	0.28	0.14	-31.92	
364.00	0.50	136.30	363.99	-1.34	1.54	1.72	0.18	0.00	21.18	
487.00	0.40	123.30	486.99	-1.96	2.27	2.52	0.12	-0.08	-10.57	
612.00	0.30	87.60	611.99	-2.19	2.96	2.93	0.19	-0.08	-28.56	
801.00	0.40	52.40	800.98	-1.77	3.98	2.81	0.12	0.05	-18.62	
989.00	0.30	35.90	988.98	-0.97	4.78	2.27	0.08	-0.05	-8.78	
1,072.00	0.20	68.50	1,071.98	-0.74	5.05	2.12	0.20	-0.12	39.28	
1,213.00	0.40	116.10	1,212.98	-0.87	5.72	2.43	0.22	0.14	33.76	
1,347.00	0.40	202.80	1,346.98	-1.50	5.96	3.11	0.41	0.00	64.70	
1,527.00	2.40	256.90	1,526.92	-2.94	2.04	3.39	1.22	1.11	30.06	
1,706.00	4.10	264.10	1,705.62	-4.44	-7.97	2.03	0.97	0.95	4.02	
1,884.00	4.00	268.10	1,883.18	-5.30	-20.51	-0.66	0.17	-0.06	2.25	
2,063.00	4.00	270.30	2,061.74	-5.48	-32.99	-3.99	0.09	0.00	1.23	

<b>Company:</b>	Anadarko	<b>Local Co-ordinate Reference:</b>	Well 3H
<b>Project:</b>	Loving County, Texas (NAD 27)	<b>TVD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Site:</b>	Yokum UL Unit 19-4	<b>MD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Well:</b>	3H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)
2,243.00	3.80	274.50	2,241.33	-4.98	-45.22	-7.90	0.19	-0.11	2.33
2,421.00	3.80	281.10	2,418.94	-3.38	-56.88	-12.70	0.25	0.00	3.71
2,601.00	3.30	285.60	2,598.59	-0.84	-67.73	-18.18	0.32	-0.28	2.50
2,780.00	3.30	294.60	2,777.29	2.69	-77.37	-24.28	0.29	0.00	5.03
2,959.00	3.80	272.80	2,955.96	5.13	-87.98	-29.59	0.80	0.28	-12.18
3,138.00	3.40	272.50	3,134.60	5.65	-99.21	-33.23	0.22	-0.22	-0.17
3,318.00	1.60	269.90	3,314.43	5.88	-107.06	-35.65	1.00	-1.00	-1.44
3,497.00	0.70	165.60	3,493.40	4.81	-109.28	-35.26	1.06	-0.50	-58.27
3,677.00	1.60	236.20	3,673.37	2.35	-111.10	-33.40	0.84	0.50	39.22
3,856.00	2.50	229.80	3,852.25	-1.56	-116.16	-31.07	0.52	0.50	-3.58
4,035.00	2.10	204.40	4,031.11	-7.07	-120.49	-27.00	0.61	-0.22	-14.19
4,214.00	1.50	248.20	4,210.03	-10.92	-124.03	-24.28	0.81	-0.34	24.47
4,393.00	1.00	255.90	4,388.99	-12.17	-127.72	-24.12	0.29	-0.28	4.30
4,572.00	0.90	255.00	4,567.96	-12.92	-130.59	-24.21	0.06	-0.06	-0.50
4,751.00	0.40	195.40	4,746.95	-13.88	-132.11	-23.71	0.43	-0.28	-33.30
4,885.00	0.60	207.10	4,880.95	-14.96	-132.56	-22.80	0.17	0.15	8.73
5,035.00	0.48	199.34	5,030.94	-16.25	-133.12	-21.72	0.09	-0.08	-5.17
5,124.00	1.23	306.89	5,119.93	-16.03	-134.01	-22.18	1.63	0.84	120.84
5,228.00	3.24	314.64	5,223.85	-13.29	-136.99	-25.64	1.95	1.93	7.45
5,318.00	3.43	277.14	5,313.71	-11.17	-141.47	-28.94	2.39	0.21	-41.67
5,407.00	4.42	257.60	5,402.50	-11.58	-147.47	-30.23	1.85	1.11	-21.96
5,497.00	6.14	241.82	5,492.12	-14.60	-155.10	-29.47	2.48	1.91	-17.53
5,586.00	7.36	230.40	5,580.51	-20.48	-163.69	-26.23	2.03	1.37	-12.83
5,676.00	8.20	222.97	5,669.68	-28.85	-172.50	-20.67	1.45	0.93	-8.26
5,854.00	8.61	224.83	5,845.77	-47.59	-190.55	-7.74	0.28	0.23	1.04
6,033.00	8.39	224.70	6,022.80	-66.37	-209.18	5.07	0.12	-0.12	-0.07
6,212.00	8.83	223.86	6,199.78	-85.56	-227.89	18.25	0.26	0.25	-0.47
6,392.00	9.60	222.55	6,377.46	-106.58	-247.61	32.89	0.44	0.43	-0.73
6,570.00	8.47	221.06	6,553.25	-127.40	-266.26	47.65	0.65	-0.63	-0.84
6,749.00	8.02	220.67	6,730.40	-146.81	-283.05	61.57	0.25	-0.25	-0.22
6,928.00	8.67	220.49	6,907.50	-166.54	-299.95	75.78	0.36	0.36	-0.10
7,107.00	8.06	220.79	7,084.60	-186.30	-316.91	89.99	0.34	-0.34	0.17
7,286.00	9.12	223.60	7,261.59	-206.08	-334.89	103.93	0.64	0.59	1.57
7,465.00	7.65	221.73	7,438.67	-225.24	-352.61	117.37	0.84	-0.82	-1.04
7,644.00	8.16	219.99	7,615.97	-243.87	-368.70	130.73	0.31	0.28	-0.97
7,823.00	7.51	219.14	7,793.30	-262.67	-384.25	144.42	0.37	-0.36	-0.47
8,002.00	9.71	223.93	7,970.27	-282.62	-402.11	158.56	1.29	1.23	2.68
8,181.00	8.16	222.63	8,147.09	-302.84	-421.18	172.63	0.87	-0.87	-0.73
8,360.00	7.71	214.47	8,324.39	-322.09	-436.58	186.78	0.68	-0.25	-4.56
8,539.00	8.06	204.90	8,501.70	-343.37	-448.66	203.83	0.76	0.20	-5.35
8,719.00	5.79	208.09	8,680.38	-362.83	-458.25	219.82	1.28	-1.26	1.77
8,898.00	11.28	202.78	8,857.33	-386.95	-469.29	239.88	3.10	3.07	-2.97
9,076.00	9.76	202.85	9,032.33	-416.91	-481.89	265.10	0.85	-0.85	0.04

<b>Company:</b>	Anadarko	<b>Local Co-ordinate Reference:</b>	Well 3H
<b>Project:</b>	Loving County, Texas (NAD 27)	<b>TVD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Site:</b>	Yokum UL Unit 19-4	<b>MD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Well:</b>	3H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)
9,255.00	7.37	197.52	9,209.33	-441.84	-491.24	286.41	1.41	-1.34	-2.98
9,434.00	5.12	186.40	9,387.26	-460.73	-495.59	303.33	1.42	-1.26	-6.21
9,613.00	6.35	202.66	9,565.37	-477.80	-500.29	318.40	1.13	0.69	9.08
9,793.00	6.81	207.87	9,744.19	-496.42	-509.12	333.80	0.42	0.26	2.89
9,972.00	6.33	217.47	9,922.01	-513.64	-520.08	347.25	0.67	-0.27	5.36
10,152.00	6.56	204.57	10,100.89	-530.87	-530.39	360.89	0.81	0.13	-7.17
10,331.00	6.23	201.37	10,278.77	-549.21	-538.18	376.32	0.27	-0.18	-1.79
10,510.00	5.16	199.65	10,456.89	-565.84	-544.43	390.53	0.61	-0.60	-0.96
10,689.00	4.43	202.47	10,635.26	-579.80	-549.78	402.44	0.43	-0.41	1.58
10,869.00	4.46	225.49	10,814.73	-591.14	-557.43	411.17	0.98	0.02	12.79
11,037.00	3.87	228.68	10,982.29	-599.46	-566.34	416.66	0.38	-0.35	1.90
11,105.00	4.67	210.21	11,050.10	-603.37	-569.46	419.53	2.32	1.18	-27.16
11,150.00	9.62	178.06	11,094.75	-608.71	-570.26	424.44	13.74	11.00	-71.44
11,194.00	14.75	162.46	11,137.76	-617.74	-568.44	433.61	13.75	11.66	-35.45
11,284.00	22.71	165.87	11,222.93	-645.55	-560.74	462.48	8.92	8.84	3.79
11,374.00	29.49	162.04	11,303.71	-683.52	-549.65	502.03	7.76	7.53	-4.26
11,463.00	34.83	155.03	11,379.05	-727.45	-532.15	549.10	7.31	6.00	-7.88
11,553.00	41.33	156.64	11,449.86	-778.08	-509.49	604.06	7.31	7.22	1.79
11,690.00	52.08	163.87	11,543.74	-871.86	-476.42	703.35	8.73	7.85	5.28
11,784.00	60.35	165.00	11,595.96	-947.07	-455.51	781.40	8.85	8.80	1.20
11,878.00	67.71	166.95	11,637.10	-1,029.00	-435.09	865.78	8.05	7.83	2.07
11,973.00	75.27	167.40	11,667.24	-1,116.78	-415.12	955.63	7.97	7.96	0.47
11,992.09	76.51	167.37	11,671.89	-1,134.85	-411.07	974.11	6.50	6.50	-0.14
<b>200' Hard Line Intersection - 11992.09' MD</b>									
12,067.00	81.38	167.27	11,686.25	-1,206.55	-394.94	1,047.46	6.50	6.50	-0.14
12,161.00	85.77	164.44	11,696.77	-1,297.10	-372.11	1,140.77	5.55	4.67	-3.01
12,255.00	90.66	163.94	11,699.70	-1,387.47	-346.52	1,234.69	5.23	5.20	-0.53
12,349.00	91.42	163.45	11,697.99	-1,477.67	-320.14	1,328.68	0.96	0.81	-0.52
12,443.00	89.46	163.73	11,697.27	-1,567.84	-293.58	1,422.67	2.11	-2.09	0.30
12,538.00	88.07	164.45	11,699.32	-1,659.17	-267.55	1,517.64	1.65	-1.46	0.76
12,632.00	88.21	166.18	11,702.37	-1,750.05	-243.73	1,611.55	1.85	0.15	1.84
12,727.00	87.86	167.79	11,705.63	-1,842.55	-222.35	1,706.34	1.73	-0.37	1.69
12,821.00	89.48	164.91	11,707.81	-1,933.86	-200.17	1,800.20	3.51	1.72	-3.06
12,915.00	87.24	164.31	11,710.50	-2,024.45	-175.24	1,894.15	2.47	-2.38	-0.64
13,010.00	89.79	162.80	11,712.96	-2,115.52	-148.36	1,989.10	3.12	2.68	-1.59
13,104.00	91.91	160.22	11,711.57	-2,204.64	-118.55	2,083.01	3.55	2.26	-2.74
13,199.00	91.91	161.15	11,708.40	-2,294.25	-87.15	2,177.82	0.98	0.00	0.98
13,293.00	90.39	156.47	11,706.51	-2,381.85	-53.19	2,271.43	5.23	-1.62	-4.98
13,388.00	88.61	162.26	11,707.34	-2,470.71	-19.73	2,366.11	6.38	-1.87	6.09
13,483.00	88.18	164.80	11,710.00	-2,561.76	7.20	2,461.06	2.71	-0.45	2.67
13,578.00	90.09	167.32	11,711.44	-2,653.94	30.08	2,555.96	3.33	2.01	2.65
13,672.00	90.74	160.93	11,710.75	-2,744.31	55.77	2,649.91	6.83	0.69	-6.80
13,766.00	94.27	164.27	11,706.65	-2,833.90	83.85	2,743.77	5.17	3.76	3.55

<b>Company:</b>	Anadarko	<b>Local Co-ordinate Reference:</b>	Well 3H
<b>Project:</b>	Loving County, Texas (NAD 27)	<b>TVD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Site:</b>	Yokum UL Unit 19-4	<b>MD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Well:</b>	3H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	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)	
13,861.00	94.77	164.64	11,699.16	-2,925.13	109.23	2,838.47	0.65	0.53	0.39	
13,955.00	94.42	163.30	11,691.63	-3,015.19	135.11	2,932.16	1.47	-0.37	-1.43	
14,050.00	91.05	158.82	11,687.09	-3,104.90	165.90	3,026.91	5.90	-3.55	-4.72	
14,145.00	88.94	166.00	11,687.10	-3,195.40	194.59	3,121.82	7.88	-2.22	7.56	
14,239.00	88.59	168.04	11,689.13	-3,286.97	215.69	3,215.64	2.20	-0.37	2.17	
14,334.00	87.43	166.69	11,692.43	-3,379.61	236.46	3,310.39	1.87	-1.22	-1.42	
14,428.00	87.57	165.97	11,696.53	-3,470.86	258.65	3,404.20	0.78	0.15	-0.77	
14,523.00	91.49	167.33	11,697.31	-3,563.27	280.58	3,499.05	4.37	4.13	1.43	
14,617.00	91.63	166.34	11,694.75	-3,654.76	301.99	3,592.87	1.06	0.15	-1.05	
14,711.00	90.52	167.37	11,692.98	-3,746.28	323.36	3,686.71	1.61	-1.18	1.10	
14,805.00	87.55	166.10	11,694.57	-3,837.75	344.92	3,780.56	3.44	-3.16	-1.35	
14,922.00	91.46	163.87	11,695.58	-3,950.72	375.22	3,897.50	3.85	3.34	-1.91	
15,016.00	90.30	166.78	11,694.13	-4,041.63	399.03	3,991.44	3.33	-1.23	3.10	
15,111.00	89.56	158.61	11,694.25	-4,132.25	427.26	4,086.34	8.64	-0.78	-8.60	
15,206.00	93.34	157.89	11,691.85	-4,220.45	462.45	4,180.86	4.05	3.98	-0.76	
15,300.00	93.70	157.05	11,686.08	-4,307.11	498.40	4,274.12	0.97	0.38	-0.89	
15,395.00	90.22	160.96	11,682.83	-4,395.72	532.40	4,368.71	5.51	-3.66	4.12	
15,490.00	90.52	161.63	11,682.21	-4,485.70	562.87	4,463.63	0.77	0.32	0.71	
15,584.00	90.73	161.71	11,681.19	-4,574.92	592.43	4,557.56	0.24	0.22	0.09	
15,679.00	91.17	162.42	11,679.61	-4,665.29	621.68	4,652.51	0.88	0.46	0.75	
15,773.00	91.61	162.99	11,677.33	-4,755.02	649.61	4,746.46	0.77	0.47	0.61	
15,867.00	91.27	160.48	11,674.97	-4,844.25	679.06	4,840.37	2.69	-0.36	-2.67	
15,962.00	89.56	167.05	11,674.28	-4,935.40	705.61	4,935.31	7.15	-1.80	6.92	
16,057.00	89.45	166.50	11,675.10	-5,027.88	727.34	5,030.17	0.59	-0.12	-0.58	
16,151.00	88.67	166.00	11,676.64	-5,119.17	749.68	5,124.07	0.99	-0.83	-0.53	
16,247.00	88.54	166.62	11,678.98	-5,212.42	772.39	5,219.94	0.66	-0.14	0.65	
16,341.00	87.72	166.72	11,682.05	-5,303.83	794.05	5,313.77	0.88	-0.87	0.11	
16,436.00	88.80	163.78	11,684.93	-5,395.65	818.23	5,408.68	3.30	1.14	-3.09	
16,531.00	88.66	164.15	11,687.04	-5,486.93	844.46	5,503.65	0.42	-0.15	0.39	
16,625.00	90.92	164.90	11,687.38	-5,577.52	869.54	5,597.64	2.53	2.40	0.80	
16,720.00	91.18	166.34	11,685.64	-5,669.52	893.13	5,692.56	1.54	0.27	1.52	
16,814.00	90.68	168.09	11,684.12	-5,761.18	913.93	5,786.37	1.94	-0.53	1.86	
16,887.48	89.52	169.88	11,683.99	-5,833.30	927.96	5,859.54	2.91	-1.58	2.44	
<b>200' Hard Line Intersection - 16887.48' MD</b>										
16,909.00	89.18	170.41	11,684.23	-5,854.50	931.64	5,880.92	2.91	-1.58	2.44	
17,005.00	89.18	170.41	11,685.61	-5,949.15	947.64	5,976.26	0.00	0.00	0.00	
<b>Projection to TD - 17005.00' MD</b>										

<b>Company:</b>	Anadarko	<b>Local Co-ordinate Reference:</b>	Well 3H
<b>Project:</b>	Loving County, Texas (NAD 27)	<b>TVD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Site:</b>	Yokum UL Unit 19-4	<b>MD Reference:</b>	WELL @ 2795.98usft (Precision 566)
<b>Well:</b>	3H	<b>North Reference:</b>	Grid
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Surveys	<b>Database:</b>	EDM Conroe

#### Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,992.09	11,671.89	-1,134.85	-411.07	200' Hard Line Intersection - 11992.09' MD
16,887.48	11,683.99	-5,833.30	927.96	200' Hard Line Intersection - 16887.48' MD
17,005.00	11,685.61	-5,949.15	947.64	Projection to TD - 17005.00' MD