



Company: ConocoPhillips
Lease/Well: UL 20 Paddle Tail B/503H
API: 42-301-36079
Rig Name: Open Hole
State/County: Texas/Loving
VS-Azi: 0.00 Degrees
Latitude: 31.74177, Longitude: -103.35956
Grid North = True North +1.56 degs (NAD 27)
Grid Correction Applied = +1.56 degs



Depth Reference = : 32.5 ft

DRILLOG HA GYRO SURVEY CALCULATIONS

Error Model: VESSI_GYROFLEX.IPM

Filename: UL 20 Paddle Tail B 503H.ut

Minimum Curvature Method

Report Date/Time: 12/19/2022 / 07:12

Vaughn Energy Services

PO Box 728 Cisco, TX 76437

254-488-2642

Gregg Wilson

UL 20 Paddle Tail B 503H API# 12/17/2022

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.26	3.41	100.00	0.22	0.01	0.22	0.22	3.41	0.26
200.00	0.47	9.50	200.00	0.85	0.09	0.85	0.86	6.34	0.22
300.00	0.58	36.12	299.99	1.67	0.46	1.67	1.73	15.41	0.26
400.00	0.31	21.80	399.99	2.32	0.86	2.32	2.48	20.22	0.29
500.00	0.54	340.39	499.99	3.02	0.80	3.02	3.12	14.81	0.37
600.00	0.45	288.00	599.98	3.58	0.26	3.58	3.59	4.22	0.44
700.00	0.76	236.23	699.98	3.33	-0.66	3.33	3.40	348.76	0.60
800.00	0.83	218.74	799.97	2.40	-1.67	2.40	2.92	325.18	0.25
900.00	0.62	171.18	899.96	1.30	-2.04	1.30	2.42	302.45	0.62
1000.00	0.49	186.37	999.96	0.34	-2.01	0.34	2.03	279.60	0.19
1100.00	0.32	184.85	1099.96	-0.36	-2.08	-0.36	2.11	260.03	0.17
1167.00	0.58	210.67	1166.95	-0.85	-2.27	-0.85	2.42	249.53	0.49

HORIZONTAL DISPLACEMENT IS
2.42 FEET AT 249.53 DEGREES