

Endurance Resources, LLC

HALLIBURTON
Sperry Drilling Services

Project: Lea County, NM (NAD 83)
Site: Stratocaster 20 Fed
Well: Stratocaster 20 Fed #6H
Wellbore: Wellbore #1
Plan #1
Rig: TBD

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9860.54	0.00	0.00	9860.54	0.00	0.00	0.00	0.00	0.00	Start Build
10610.54	90.00	358.90	10338.00	477.38	-9.19	12.00	358.90	477.46	End Build
14703.36	90.00	358.90	10338.00	4569.44	-88.00	0.00	0.00	4570.29	TD

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

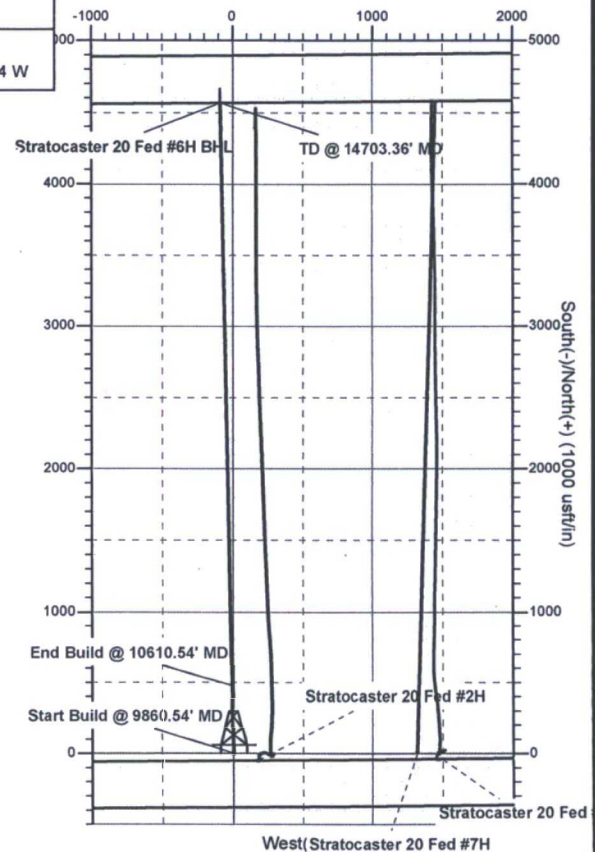
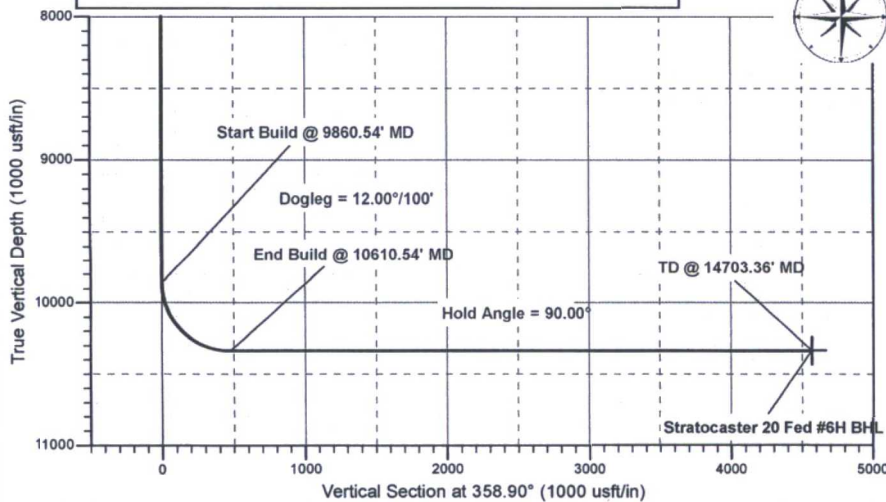
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Stratocaster 20 Fed #6H BHL	10338.00	4569.44	-88.00	472597.03	800389.43	32° 17' 47.252 N	103° 29' 41.834 W

Surface Location:

US State Plane 1983
New Mexico Eastern Zone
Elevation: WELL @ 3561.30usft (TBD)
Northing: 468027.59 Easting: 800477.43
Latitude: 32° 17' 2.031 N Longitude: 103° 29' 41.225 W

To convert a Magnetic Direction to a Grid Direction, Add 6.67°

Magnetic Model: BGGM2015 Date: 26-May-16
Azimuths to Grid North



Endurance Resources, LLC

Lea County, NM (NAD 83)
Stratocaster 20 Fed
Stratocaster 20 Fed #6H

Wellbore #1

Plan: Plan #1

HOBBS OCD
NOV 06 2017
RECEIVED

Sperry Drilling Services Proposal Report

26 May, 2016

Well Coordinates: 468,027.59 N, 800,477.43 E (32° 17' 02.03" N, 103° 29' 41.22" W)
Ground Level: 3,536.30 usft

Local Coordinate Origin:	Centered on Well Stratocaster 20 Fed #6H
Viewing Datum:	WELL @ 3561.30usft (TBD)
TVDs to System:	N
North Reference:	Grid
Unit System:	API - US Survey Feet

Version: 5000.1 Build: 81B

HALLIBURTON

HALLIBURTON**Plan Report for Stratocaster 20 Fed #6H - Plan #1**

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)	Toolface Azimuth (°)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

HALLIBURTON**Plan Report for Stratocaster 20 Fed #6H - Plan #1**

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)	Toolface Azimuth (°)
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,860.54	0.00	0.00	9,860.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build @ 9860.54' MD - Dogleg = 12.00°/100'										
9,875.00	1.74	358.90	9,875.00	0.22	0.00	0.22	12.00	12.00	0.00	358.90
9,900.00	4.74	358.90	9,899.96	1.63	-0.03	1.63	12.00	12.00	0.00	0.00
9,925.00	7.74	358.90	9,924.80	4.34	-0.08	4.35	12.00	12.00	0.00	0.00
9,950.00	10.74	358.90	9,949.48	8.36	-0.16	8.36	12.00	12.00	0.00	0.00
9,975.00	13.74	358.90	9,973.91	13.65	-0.26	13.66	12.00	12.00	0.00	0.00
10,000.00	16.74	358.90	9,998.03	20.22	-0.39	20.22	12.00	12.00	0.00	0.00
10,025.00	19.74	358.90	10,021.77	28.04	-0.54	28.05	12.00	12.00	0.00	0.00
10,050.00	22.74	358.90	10,045.07	37.09	-0.71	37.10	12.00	12.00	0.00	0.00
10,075.00	25.74	358.90	10,067.86	47.35	-0.91	47.36	12.00	12.00	0.00	0.00
10,100.00	28.74	358.90	10,090.09	58.79	-1.13	58.80	12.00	12.00	0.00	0.00
10,125.00	31.74	358.90	10,111.68	71.38	-1.37	71.39	12.00	12.00	0.00	0.00
10,150.00	34.74	358.90	10,132.59	85.07	-1.64	85.09	12.00	12.00	0.00	0.00
10,175.00	37.74	358.90	10,152.75	99.85	-1.92	99.87	12.00	12.00	0.00	0.00
10,200.00	40.74	358.90	10,172.12	115.66	-2.23	115.68	12.00	12.00	0.00	0.00
10,225.00	43.74	358.90	10,190.62	132.45	-2.55	132.48	12.00	12.00	0.00	0.00
10,250.00	46.74	358.90	10,208.23	150.20	-2.89	150.23	12.00	12.00	0.00	0.00
10,275.00	49.74	358.90	10,224.88	168.84	-3.25	168.87	12.00	12.00	0.00	0.00

HALLIBURTON**Plan Report for Stratocaster 20 Fed #6H - Plan #1**

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)	Toolface Azimuth (°)
10,300.00	52.74	358.90	10,240.53	188.33	-3.63	188.36	12.00	12.00	0.00	0.00
10,325.00	55.74	358.90	10,255.14	208.61	-4.02	208.65	12.00	12.00	0.00	0.00
10,350.00	58.74	358.90	10,268.66	229.62	-4.42	229.67	12.00	12.00	0.00	0.00
10,375.00	61.74	358.90	10,281.07	251.32	-4.84	251.37	12.00	12.00	0.00	0.00
10,400.00	64.74	358.90	10,292.33	273.64	-5.27	273.69	12.00	12.00	0.00	0.00
10,425.00	67.74	358.90	10,302.40	296.51	-5.71	296.56	12.00	12.00	0.00	0.00
10,450.00	70.74	358.90	10,311.27	319.88	-6.16	319.94	12.00	12.00	0.00	0.00
10,475.00	73.74	358.90	10,318.89	343.68	-6.62	343.74	12.00	12.00	0.00	0.00
10,500.00	76.74	358.90	10,325.26	367.85	-7.08	367.91	12.00	12.00	0.00	0.00
10,525.00	79.74	358.90	10,330.36	392.31	-7.56	392.39	12.00	12.00	0.00	0.00
10,550.00	82.74	358.90	10,334.17	417.01	-8.03	417.09	12.00	12.00	0.00	0.00
10,575.00	85.74	358.90	10,336.68	441.88	-8.51	441.96	12.00	12.00	0.00	0.00
10,600.00	88.74	358.90	10,337.88	466.84	-8.99	466.93	12.00	12.00	0.00	0.00
10,610.54	90.00	358.90	10,338.00	477.38	-9.19	477.47	11.99	11.99	0.00	0.00
End Build @ 10610.54' MD - Hold Angle = 90.00°										
10,700.00	90.00	358.90	10,338.00	566.82	-10.92	566.93	0.00	0.00	0.00	0.00
10,800.00	90.00	358.90	10,338.00	666.81	-12.84	666.93	0.00	0.00	0.00	0.00
10,900.00	90.00	358.90	10,338.00	766.79	-14.77	766.93	0.00	0.00	0.00	0.00
11,000.00	90.00	358.90	10,338.00	866.77	-16.69	866.93	0.00	0.00	0.00	0.00
11,100.00	90.00	358.90	10,338.00	966.75	-18.62	966.93	0.00	0.00	0.00	0.00
11,200.00	90.00	358.90	10,338.00	1,066.73	-20.54	1,066.93	0.00	0.00	0.00	0.00
11,300.00	90.00	358.90	10,338.00	1,166.71	-22.47	1,166.93	0.00	0.00	0.00	0.00
11,400.00	90.00	358.90	10,338.00	1,266.69	-24.40	1,266.93	0.00	0.00	0.00	0.00
11,500.00	90.00	358.90	10,338.00	1,366.68	-26.32	1,366.93	0.00	0.00	0.00	0.00
11,600.00	90.00	358.90	10,338.00	1,466.66	-28.25	1,466.93	0.00	0.00	0.00	0.00
11,700.00	90.00	358.90	10,338.00	1,566.64	-30.17	1,566.93	0.00	0.00	0.00	0.00
11,800.00	90.00	358.90	10,338.00	1,666.62	-32.10	1,666.93	0.00	0.00	0.00	0.00
11,900.00	90.00	358.90	10,338.00	1,766.60	-34.02	1,766.93	0.00	0.00	0.00	0.00
12,000.00	90.00	358.90	10,338.00	1,866.58	-35.95	1,866.93	0.00	0.00	0.00	0.00
12,100.00	90.00	358.90	10,338.00	1,966.56	-37.87	1,966.93	0.00	0.00	0.00	0.00
12,200.00	90.00	358.90	10,338.00	2,066.55	-39.80	2,066.93	0.00	0.00	0.00	0.00
12,300.00	90.00	358.90	10,338.00	2,166.53	-41.73	2,166.93	0.00	0.00	0.00	0.00
12,400.00	90.00	358.90	10,338.00	2,266.51	-43.65	2,266.93	0.00	0.00	0.00	0.00
12,500.00	90.00	358.90	10,338.00	2,366.49	-45.58	2,366.93	0.00	0.00	0.00	0.00
12,600.00	90.00	358.90	10,338.00	2,466.47	-47.50	2,466.93	0.00	0.00	0.00	0.00
12,700.00	90.00	358.90	10,338.00	2,566.45	-49.43	2,566.93	0.00	0.00	0.00	0.00
12,800.00	90.00	358.90	10,338.00	2,666.44	-51.35	2,666.93	0.00	0.00	0.00	0.00
12,900.00	90.00	358.90	10,338.00	2,766.42	-53.28	2,766.93	0.00	0.00	0.00	0.00
13,000.00	90.00	358.90	10,338.00	2,866.40	-55.20	2,866.93	0.00	0.00	0.00	0.00
13,100.00	90.00	358.90	10,338.00	2,966.38	-57.13	2,966.93	0.00	0.00	0.00	0.00
13,200.00	90.00	358.90	10,338.00	3,066.36	-59.06	3,066.93	0.00	0.00	0.00	0.00
13,300.00	90.00	358.90	10,338.00	3,166.34	-60.98	3,166.93	0.00	0.00	0.00	0.00
13,400.00	90.00	358.90	10,338.00	3,266.32	-62.91	3,266.93	0.00	0.00	0.00	0.00
13,500.00	90.00	358.90	10,338.00	3,366.31	-64.83	3,366.93	0.00	0.00	0.00	0.00
13,600.00	90.00	358.90	10,338.00	3,466.29	-66.76	3,466.93	0.00	0.00	0.00	0.00
13,700.00	90.00	358.90	10,338.00	3,566.27	-68.68	3,566.93	0.00	0.00	0.00	0.00
13,800.00	90.00	358.90	10,338.00	3,666.25	-70.61	3,666.93	0.00	0.00	0.00	0.00
13,900.00	90.00	358.90	10,338.00	3,766.23	-72.53	3,766.93	0.00	0.00	0.00	0.00
14,000.00	90.00	358.90	10,338.00	3,866.21	-74.46	3,866.93	0.00	0.00	0.00	0.00
14,100.00	90.00	358.90	10,338.00	3,966.19	-76.39	3,966.93	0.00	0.00	0.00	0.00
14,200.00	90.00	358.90	10,338.00	4,066.18	-78.31	4,066.93	0.00	0.00	0.00	0.00
14,300.00	90.00	358.90	10,338.00	4,166.16	-80.24	4,166.93	0.00	0.00	0.00	0.00
14,400.00	90.00	358.90	10,338.00	4,266.14	-82.16	4,266.93	0.00	0.00	0.00	0.00
14,500.00	90.00	358.90	10,338.00	4,366.12	-84.09	4,366.93	0.00	0.00	0.00	0.00
14,600.00	90.00	358.90	10,338.00	4,466.10	-86.01	4,466.93	0.00	0.00	0.00	0.00
14,703.36	90.00	358.90	10,338.00	4,569.44	-88.00	4,570.29	0.00	0.00	0.00	0.00
TD @ 14703.36' MD - Stratocaster 20 Fed #6H BHL										

Plan Report for Stratocaster 20 Fed #6H - Plan #1

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
9,860.54	9,860.54	0.00	0.00	Start Build @ 9860.54' MD
9,860.54	9,860.54	0.00	0.00	Dogleg = 12.00°/100'
10,610.54	10,338.00	477.38	-9.19	End Build @ 10610.54' MD
10,610.54	10,338.00	477.38	-9.19	Hold Angle = 90.00°
14,703.36	10,338.00	4,569.44	-88.00	TD @ 14703.36' MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (usft)
				+N/_S (usft)	+E/-W (usft)	
TD	No Target (Freehand)	358.90	Slot	0.00	0.00	0.00

Survey tool program

From (usft)	To (usft)	Survey/Plan	Survey Tool
0.00	14,703.36	Plan #1	MWD

Targets associated with this wellbore

Target Name	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Shape
Stratocaster 20 Fed #6H BHL	10,338.00	4,569.44	-88.00	Point

HALLIBURTON**North Reference Sheet for Stratocaster 20 Fed - Stratocaster 20 Fed #6H - Wellbore #1**

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to WELL @ 3561.30usft (TBD). Northing and Easting are relative to Stratocaster 20 Fed #6H

Coordinate System is US State Plane 1983, New Mexico Eastern Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is -104.33°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 0° 0' 0.000 N°

False Easting: 541,337.50usft, False Northing: 0.00usft, Scale Reduction: 0.99998600

Grid Coordinates of Well: 468,027.59 usft N, 800,477.43 usft E

Geographical Coordinates of Well: 32° 17' 02.03" N, 103° 29' 41.22" W

Grid Convergence at Surface is: 0.45°

Based upon Minimum Curvature type calculations, at a Measured Depth of 14,703.36usft

the Bottom Hole Displacement is 4,570.29usft in the Direction of 358.90° (Grid).

Magnetic Convergence at surface is: -6.67° (26 May 2016, , BGGM2015)

