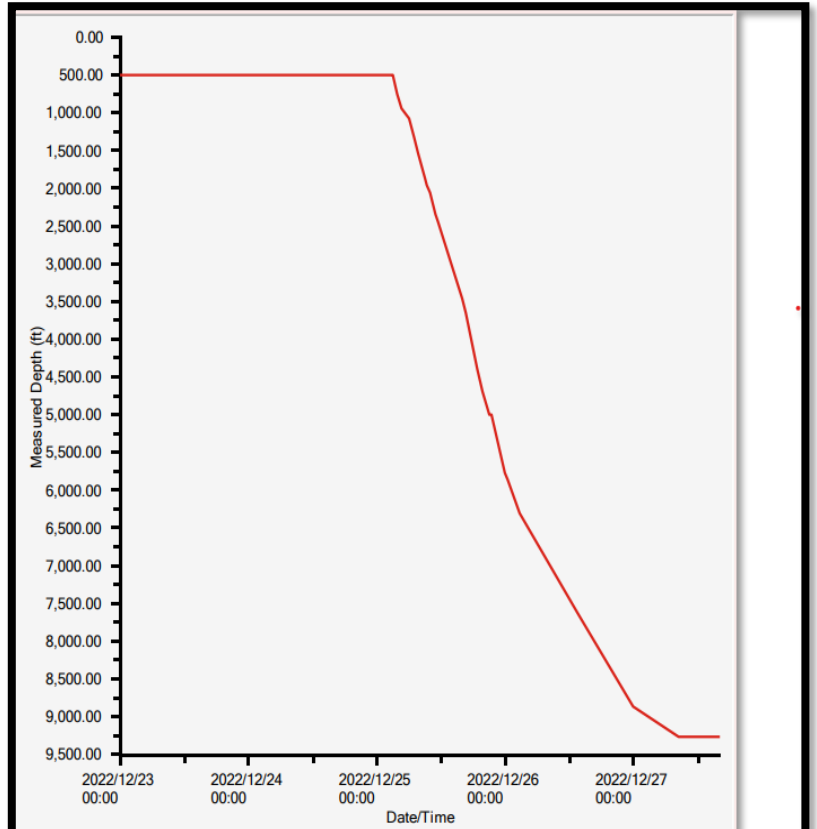




LTC MWD with Babelfish Interface transmitting data in real time from the Powerdrive Orbit RSS

Location: McClain County, OK  
 BHA # 1  
 Date: December 2022  
 Start Depth: 491 ft MD  
 End Depth: 9,276 ft MD  
 Tool / Hole Dia: 6 3/4" / 8 3/4"  
 Drilling Time: 56.5 hrs  
 Footage Drilled: 8,785 ft  
 BRT Time: 62 hrs  
 Drilling ROP: 155.5.2 fph  
 BRT gross ROP: 141.7 fph  
 Percent Drilling: 86.3 %



**20.26 Inc**  
**29.99 Azi**  
 08:41:52

**5.0° XOver**

**Linc** --  
**LAzi** --

**IWD**  
**20.00**  
 09:08:37

**AWD**  
**29.55**  
 09:02:11

**DAO = 0.0**

**RSS INC** 20.4  
**TRGT INC** 20.3

**RSS AZM** 19.5  
**TRGT AZM** 23.7

**UTRPM** 1800.0  
**LTRPM** 1800.0

**TF** 360.0  
**TFDS** 0.0

**PROPEFF** 10.0  
**PRDS** 0.0

**SHOCK LEVEL** --  
**SHOCK AMPL** 0.0

**PSKSNR** 16.0  
**POSSUM** -56

**RTSTAT**  
 SSL: OK  
 TF: Grav  
 Temp <= 140 C  
 Bxy: OK  
 Fast downlink = NA  
 Servo: OK  
 Valve: OK  
 ROP: 80 to 400 ft/hr  
 Steer Mode: Manual  
**STEER**  
 Cmd: 0  
 Precursor: 1  
 Mode: Grav

Date/Time	Item	Value	Unit
01/19/08:51:34	DF_AZI_TRG	23.7	95
01/19/08:57:45	Gama	23.00	95
01/19/08:59:03	DF_AZI_TRG	20.3	97
01/19/08:59:14	Gama	30.00	95
01/19/08:59:21	DF_UTRPM	1800.0	95
01/19/08:59:26	DF_PRDS	10.0	97
01/19/08:59:31	DF_TFDS	0.0	94
01/19/08:59:35	Gama	14.00	95
01/19/08:59:41	DF_UTRPM	1800.0	97
01/19/08:59:46	Gama	21.00	95
01/19/08:59:51	DF_TF	360.0	92
01/19/09:00:00	DF_TFSTAT	1049.1	98
01/19/09:00:05	DF_PSKSNR	16.0	95
01/19/09:00:10	Gama	16.00	95
01/19/09:00:15	DF_POSSUM	-56.0	92
01/19/09:00:20	DF_STEER	1284	97
01/19/09:00:25	Gama	9.00	94
01/19/09:00:30	IWD	20.00	95
01/19/09:00:35	Gama	9.00	95
01/19/09:00:40	DF_POSSUM	-56.0	95
01/19/09:00:45	DF_INCL	0.0	95
01/19/09:00:50	DF_PRDS	10.0	95
01/19/09:00:55	DF_TFDS	0.0	95
01/19/09:01:00	Gama	10.00	99
01/19/09:01:05	DF_AZI_TRG	18.5	92
01/19/09:01:10	Gama	16.00	99
01/19/09:01:15	AWD	29.55	96
01/19/09:01:20	DF_PROPEFF	10.0	93
01/19/09:01:25	Gama	6.31	91
01/19/09:01:30	DF_AZI_TRG	18.5	92
01/19/09:01:35	Gama	16.00	99
01/19/09:01:40	DF_AZI_TRG	23.7	94
01/19/09:01:45	Gama	11.00	98
01/19/09:01:50	DF_UTRPM	1800.0	95
01/19/09:01:55	DF_TFDS	0.0	95
01/19/09:02:00	DF_TFDS	0.0	95

**SVYS** Survey  
 New Data

SVY #	SVY #	SVY #	NC	AZM	TVD	INS	STW	DLC	DULD	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG
55	Jan-19-08-08:17	5099.00	19.96	31.83	-443.34	114.31	95.46	1.44	-5.61	6.03	0.900955	83.17	0.998297	---	---	---	---	---	---	---
56	Jan-19-08-04:50	7133.00	20.26	-29.99	5074.11	86.53	177.92	0.98	0.32	1.65	0.900355	83.17	0.998297	---	---	---	---	---	---	---

**SHOCK LEVEL** --  
**SHOCK AMPL** 0.0

**PSKSNR** 16.0  
**POSSUM** -56

**RTSTAT**  
 SSL: OK  
 TF: Grav  
 Temp <= 140 C  
 Bxy: OK  
 Fast downlink = NA  
 Servo: OK  
 Valve: OK  
 ROP: 80 to 400 ft/hr  
 Steer Mode: Manual  
**STEER**  
 Cmd: 0  
 Precursor: 1  
 Mode: Grav

**SVYS** Survey  
 New Data

SVY #	SVY #	SVY #	NC	AZM	TVD	INS	STW	DLC	DULD	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG
55	Jan-19-08-08:17	5099.00	19.96	31.83	-443.34	114.31	95.46	1.44	-5.61	6.03	0.900955	83.17	0.998297	---	---	---	---	---	---	---
56	Jan-19-08-04:50	7133.00	20.26	-29.99	5074.11	86.53	177.92	0.98	0.32	1.65	0.900355	83.17	0.998297	---	---	---	---	---	---	---

**SHOCK LEVEL** --  
**SHOCK AMPL** 0.0

**PSKSNR** 16.0  
**POSSUM** -56

**RTSTAT**  
 SSL: OK  
 TF: Grav  
 Temp <= 140 C  
 Bxy: OK  
 Fast downlink = NA  
 Servo: OK  
 Valve: OK  
 ROP: 80 to 400 ft/hr  
 Steer Mode: Manual  
**STEER**  
 Cmd: 0  
 Precursor: 1  
 Mode: Grav

**SVYS** Survey  
 New Data

SVY #	SVY #	SVY #	NC	AZM	TVD	INS	STW	DLC	DULD	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG	DRAG
55	Jan-19-08-08:17	5099.00	19.96	31.83	-443.34	114.31	95.46	1.44	-5.61	6.03	0.900955	83.17	0.998297	---	---	---	---	---	---	---
56	Jan-19-08-04:50	7133.00	20.26	-29.99	5074.11	86.53	177.92	0.98	0.32	1.65	0.900355	83.17	0.998297	---	---	---	---	---	---	---