

Coperation Decading recovered Decading recovered Decading recovered	n: very &	ompany,	Mull Drilli Inc hippers #1		Cou Sta Dril Rig Ele Fie Poo Job	•	WW Drilling, LLC -		
DATE	<u> </u>	DST #1	Formation: LKC "D,E,F"	Test Interv 414		Total Depth: 4	145'		
June		Timo (n: 02:37 06/17	Time Off:	08:23 06/17				
17			n Bottom: 04:51 06/	-					
2019		Time C	n Bollom: 04:51 06/	17 Time Oil I	Bollom: 06:2	0 00/17			
Reco	overed								
Foot	BBLS	<u>Descript</u>	<u>ion of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>		
1	0.01423			0	100	0	0		
15	0.21345	SL	OCM	0	5	0	95		
60	0.33244	SLO	CHMCW	0	2	68	30		
60	0.2952	SLO	CMCW	0	1	76	23		
Total Recove Total Barrels		-	Reversed Out NO		Recover	ry at a glance			
Initial Hydros	tatic Pressur	re 2002	PSI						
,	Initial Flo		PSI						
Initial Closed in Pressure		e 1145	PSI						
Final F	Final Flow Pressure		PSI						
Final Close	d in Pressur	e 1096	PSI	0		Recov	erv		
Final Hydrost	atic Pressure	e 1997	PSI			Recov			
·	Temperatur	re 121	°F	•		Oil • Wate 4.03% 52.6			
Pressure	Change Initia	al 4.3	%						
Close	e / Final Clos	e		GIP cubic foot	volume: 0				

Operation: Uploading recovery & pressures	Company	: Mull Drillin , Inc :hippers #1·	ng (1 -33 E	SEC: 33 TWN: 10S RNG: 31 County: THOMAS State: Kansas Drilling Contractor: WW Drilling, LLC - Rig 8 Elevation: 3005 GL Field Name: Wildcat Pool: Wildcat Job Number: 359 API #: 15-193-21044
DATE June	DST #1	Formation: LKC "D,E,F"	Test Interval: 4085 - 4145'	Total Depth: 4145'
17	Time	On: 02:37 06/17	Time Off: 08:23 06/	17
2019	Time	On Bottom: 04:51 06/	17 Time Off Bottom: 06	6:26 06/17
BUCKET MEASUREMEN				

1st Open: 1/4" Blow built to 1" over 5 min.

1st Close: No Return

2nd Open: Weak surface blow built to 1/4" then died back to 1/8" over 30 min.

2nd Close: No Return

REMARKS:

Tool Sample: 0% Gas 5% Oil 45% Water 50% Mud

Measured RW: .2 @ 67 degrees °F

RW at Formation Temp: 0.115 @ 121 °F

Chlorides: 35000 ppm



Operation:

Uploading recovery &

pressures

Company: Mull Drilling Company, Inc Lease: Schippers #1-33

SEC: 33 TWN: 10S RNG: 31 County: THOMAS State: Kansas Drilling Contractor: WW Drilling, LLC -Rig 8 Elevation: 3005 GL Field Name: Wildcat Pool: Wildcat Job Number: 359 API #: 15-193-21044

DATE	
June	
17	
2019	

DST #1 Formation: LKC "D,E,F"

Test Interval: 4085 -4145'

Total Depth: 4145'

Time On: 02:37 06/17 Time On Bottom: 04:51 06/17 Time Off Bottom: 06:26 06/17

Time Off: 08:23 06/17

Down Hole Makeup

Heads Up:	19.31 FT	Packer 1:	4079.73 FT
Drill Pipe:	3955.47 FT	Packer 2:	4084.73 FT
ID-3 1/2		Top Recorder:	4069.15 FT
Weight Pipe: ID-2 7/8	0 FT	Bottom Recorder:	4088 FT
Collars:	116 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	33.57 FT	Bottom Choke:	5/8"
Jars Safety Joint			
Total Anchor:	60.27		
Anchor	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	24 FT		
Change Over:	.5 FT		
Drill Pipe: (in anchor): ID-3 1/2	31.27 FT		
Change Over:	.5 FT		
Perforations: (below): 4 1/2-FH	3 FT		

Operation: Uploading recovery & pressures	Company	: Mull Drilling , Inc :hippers #1-3	g Co St. Dr Ri 3 Ele Fie Pc Jo	EC: 33 TWN: 10S RNG: 31 bunty: THOMAS ate: Kansas illing Contractor: WW Drilling, LLC - g 8 evation: 3005 GL eld Name: Wildcat bol: Wildcat b Number: 359 PI #: 15-193-21044
DATE	DST #1	Formation: LKC "D,E,F"	Test Interval: 4085 - 4145'	Total Depth: 4145'
June 17	Time	On: 02:37 06/17	Time Off: 08:23 06/17	7
2019	Time	On Bottom: 04:51 06/17	Time Off Bottom: 06:	26 06/17
	_	Mud Proper	rties	
Mud Type: Chem	Weight: 9.0	Viscosity: 50	Filtrate: 6.4	Chlorides: 1500 ppm

Operation: Uploading recovery & pressures	Company	y: Mull Drillir y, Inc chippers #1-	19 (5 1 5 1 5 7 7 7 7 7 7 7 7	SEC: 33 TWN: 10S RNG: 31 County: THOMAS State: Kansas Drilling Contractor: WW Drilling, LLC - Rig 8 Elevation: 3005 GL Field Name: Wildcat Pool: Wildcat lob Number: 359 API #: 15-193-21044
DATE June	DST #1	Formation: LKC "D,E,F"	Test Interval: 4085 - 4145'	Total Depth: 4145'
17	Tim	e On: 02:37 06/17	Time Off: 08:23 06/	17
2019	Tim	e On Bottom: 04:51 06/1	Time Off Bottom: 06	6:26 06/17
	_			

Gas Volume Report

1st Open				2nd Open			
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D