

Operation: Uploading recovery & pressures	Compan Lease: N	y: L. D. D luss #2	Prilling	j, Inc	Ci Si Di Ri El Fi Po	EC: 35 TWN: 13 ounty: LOGAN tate: Kansas rilling Contracto ig 1 evation: 2900 E eld Name: Roso col: Infield ob Number: 204	or: L. D. Drilling, Inc - EGL e Garden NW
DATE	DST #1	Formation: La A	insing To	est Interva 3950		Total Depth	n: 3950'
September	Tir	ne On: 13:29 09/1	16	Time Off: 2		6	
16 2018		ne On Bottom: 16		Time Off B		•	
2010							
<u>Recovered</u>							
Foot BBL		cription of Fluid	<u>(</u>	<u> Gas %</u>	<u>Oil %</u>	<u>Water %</u>	
18 0.184		HMCW		0	0	70	30
189 1.939		SLMCW		0	0	90	10
1638 16.805		SLMCW		0	0	99	1
63 0.646	38	SLMCW		0	0	97	3
Total Recovered: 1 Total Barrels Recov)8 Reversed NO		0	Recov	ery at a glanc	e
Initial Hydrostatic Pre	ssure 187	9 PSI					
Initial	Flow 52 to	415 PSI	1 8BL	0			
Initial Closed in Pres	sure 102	6 PSI					
Final Flow Pre	ssure 418 to	739 PSI					
Final Closed in Pres	sure 102	8 PSI		0			
Final Hydrostatic Pres	sure 187	'3 PSI		1		Recovery	
Temper	ature 121	l °F		Car	• Oil	Wator	Mud
Pressure Change Close / Final) %		Gas 0%	0%	 Water 97.77% 	Mud 2.23%



Operation:

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pressures

Company: L. D. Drilling, Inc Lease: Nuss #2

SEC: 35 TWN: 13S RNG: 32W County: LOGAN State: Kansas Drilling Contractor: L. D. Drilling, Inc -Rig 1 Elevation: 2900 EGL Field Name: Rose Garden NW Pool: Infield Job Number: 204

DATE	
September	
16	
2018	

BUCKET MEASUREMENT:

1st Open: 1" bob in 3 min 1st Close: Nobb 2nd Open: 1/4" bob in 4 min 2nd Close: Nobb

REMARKS:

5 ft slide to btm

Tool Sample: 0% Gas 0% Oil 95% Water 5% Mud

Ph: 7

Measured RW: 1.5 @ 72 degrees °F

RW at Formation Temp: 0.925 @ 121 °F

Chlorides: 50000 ppm

DST #1 Formation: Lansing Α

Test Interval: 3912 -3950'

Total Depth: 3950'

Time On: 13:29 09/16 Time On Bottom: 16:03 09/16 Time Off Bottom: 19:03 09/16

Time Off: 22:02 09/16

	300	
The CS	TING	

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Down Hole Makeup

Heads Up:	23.62 FT	Packer 1:	3907 FT
Drill Pipe:	3903.05 FT	Packer 2:	3912 FT
ID-3 1/4		Top Recorder:	3896.42 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3916 FT
Collars:	FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH Jars Safety Joint	33.57 FT	Bottom Choke:	5/8"
Total Anchor:	38		
	Makeup		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	2 FT		
Change Over:	FT		
Drill Pipe: (in anchor): ID-3 1/4	FT		
Change Over:	FT		
Perforations: (below): 4 1/2-FH	35 FT		

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Mud Properties						
Mud Type: Chemical	Weight: 9.0	Viscosity: 54	Filtrate: 7.2	Chlorides: 2200 ppm		