

Operation: Test Complete		mpany: F ase: Nuss	Russell O s C #2	il, Inc	Cou Sta Dril Rig Ele Fiel Poc Job	C: 32 TWN: unty: RUSSE te: Kansas ling Contract 8 vation: 1911 d Name: Nus ol: Infield Number: 36 #: 15-167-2	iLL ior: WW Dril GL ss 3	
DATE		DST #1 Fo	rmation: LKC C		val: 3160 - 80'	Total Dept	th: 3180'	
July		Time O	04 04 07/45					
15			21:21 07/15		: 04:39 07/16	0.07/46		
2019		Time On	Bottom: 23:13 07/	15 Time Oπ	Bottom: 02:2	8 07/16		
Recovered								
	<u>BLS</u>	Description	<u>n of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	Water 9	<u>%</u> <u>Muc</u>	<u>d %</u>
126 1.7	9298	GI	5	100	0	0	C	)
1 0.0	1423	0		0	100	0	C	)
6 0.0	8538	SLWCS	LMCO		75	10	1	5
228 2.12	26309	SLOCSLG	CSLMCW	5	1	84	1	0
Total Recovered: Total Barrels Rec		4.018899	Reversed Out NO		Recover	ry at a glan	ce	
Initial Hydrostatic F	ressure	1523	PSI	1				
•	ial Flow	15 to 84	PSI	BBL I BBL				
Initial Closed in P	ressure	377	PSI					
Final Flow P	ressure	86 to 113	PSI					
Final Closed in P	ressure	372	PSI	0		Red	covery	
Final Hydrostatic P	ressure	1524	PSI					
Temp	perature	102	°F		Gas 47.26%	Oil 2.48%	Water 44.65%	Mud 5.61%
Pressure Chang Close / Fina		1.5	%	GIP cubic foo	t volume: 10.6	6359		



## Company: Russell Oil, Inc Lease: Nuss C #2

**Operation:** 

DATE

July

15

2019

Test Complete

DST #1 Formation: LKC C Test Interval: 3160 -3180'

Total Depth: 3180'

Time On: 21:21 07/15 Time Off: 04:39 07/16 Time On Bottom: 23:13 07/15 Time Off Bottom: 02:28 07/16

BUCKET MEASUREMENT:

1st Open: 1/4" Blow. BOB in 27 mins 1st Close: NOBB 2nd Open: WSB. Built to 7 inches in 45 mins 2nd Close: NOBB

**REMARKS**:

Tool Sample: 0% Gas 0% Oil 90% Water 10% Mud

Ph: 7

Measured RW: .5 @ 72 degrees °F

RW at Formation Temp: 0.362 @ 102 °F

Chlorides: 70,000 ppm

SEC: 32 TWN: 15S RNG: 14W County: RUSSELL State: Kansas Drilling Contractor: WW Drilling, LLC -Rig 8 Elevation: 1911 GL Field Name: Nuss Pool: Infield Job Number: 363 API #: 15-167-24094-00-00



## Company: Russell Oil, Inc Lease: Nuss C #2

SEC: 32 TWN: 15S RNG: 14W County: RUSSELL State: Kansas Drilling Contractor: WW Drilling, LLC -Rig 8 Elevation: 1911 GL Field Name: Nuss Pool: Infield Job Number: 363 API #: 15-167-24094-00-00

lest	Complete	

**Operation:** 

DATE
July
15
2019

DST #1 Formation: LKC C

C Test Interval: 3160 -3180' Total Depth: 3180'

 Time On: 21:21 07/15
 Time Off: 04:39 07/16

 Time On Bottom: 23:13 07/15
 Time Off Bottom: 02:28 07/16

## **Down Hole Makeup**

Heads Up:	5.990000000001 FT	Packer 1:	3155 FT
Drill Pipe:	3013.32 FT	Packer 2:	3160 FT
ID-3 1/2		Top Recorder:	3144.42 FT
Weight Pipe: ID-2 7/8	FT	Bottom Recorder:	3163 FT
Collars:	120.1 FT	Well Bore Size:	7 7/8
ID-2 1/4	120.111	Surface Choke:	1"
Test Tool:	33.57 FT	Bottom Choke:	5/8"
ID-3 1/2-FH			
Jars			
Safety Joint			
Total Anchor:	20		
	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top):	1 FT		
4 1/2-FH			
Change Over:	FT		
Drill Pipe: (in anchor):	FT		
ID-3 1/2			
Change Over:	FT		
Perforations: (below):	18 FT		
4 1/2-FH			

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<b>15</b> 2019		ne On: 21:21 07/15 ne On Bottom: 23:13 07/1	Time Off: 04:39 07/1 5 Time Off Bottom: 02	-
		Mud Prope	erties	
Mud Type: Chem	Weight: 9	Viscosity: 52	Filtrate: 6.4	Chlorides: 5000 ppm

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DATE	DST #1	Formation: LKC C	Test Interval: 3160 3180'	) - Total Dej	pth: 3180'
July 15	Tin	ne On: 21:21 07/15	Time Off: 04:39 0	7/16	
2019	Tin	ne On Bottom: 23:13 07/1	15 Time Off Bottom:	02:28 07/16	
	—	Gas Volume	Report		

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