

Lease: Vanover #1

SEC: 23 TWN: 4S RNG: 27W County: DECATUR

County: DECATUI State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3 Elevation: 2569 GL

Field Name: Jennings Pool: Infield Job Number: 302

Operation:
Uploading recovery &
pressures

**DATE** February

15

2019

DST #2 Formation: Topeka - LKC "A"

Test Interval: 3419 -

Total Depth: 3520'

3520'

2nd Open

Minutes: 30

**Current Reading:** 

Time On: 13:01 02/15 Time Off: 20:21 02/15

Time On Bottom: 15:18 02/15 Time Off Bottom: 17:18 02/15

Electronic Volume Estimate: 1151' 1st Open Minutes: 30 Current Reading: 82.9" at 30 min

Max Reading: 82.9"

1st Close Minutes: 30 Current Reading: 0" at 30 min

0" at 30 min 54" at 30 min Max Reading: 0" Max Reading: 54"

2nd Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"







Lease: Vanover #1

SEC: 23 TWN: 4S RNG: 27W County: DECATUR

Total Depth: 3520'

State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 2569 GL Field Name: Jennings

Pool: Infield Job Number: 302

Operation: Uploading recovery & pressures

<b>DATE</b>
February
15
2019

DST #2	Formation: Topeka -	Test Interval: 3419
	I KC "A"	2520'

Time On: 13:01 02/15

Time Off: 20:21 02/15

Time On Bottom: 15:18 02/15 Time Off Bottom: 17:18 02/15

Recovered

<u>Foot</u>	<u>BBLS</u>	<b>Description of Fluid</b>	<u>Gas %</u>	<u>Oil %</u>	Water %	Mud %
118	1.67914	HMCW	0	0	52	48
126	1.79298	MCW	0	0	78	22
189	2.68947	SLMCW	0	0	85	15
126	1.79298	SLMCW	0	0	90	10
189	2.68947	SLMCW	0	0	97	3
252	3.58596	SLMCW	0	0	99	1

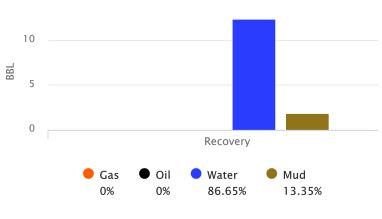
Total Recovered: 1000 ft

Total Barrels Recovered: 14.23

Reversed Out
NO

Initial Hydrostatic Pressure	1662	PSI
Initial Flow	42 to 321	PSI
Initial Closed in Pressure	947	PSI
Final Flow Pressure	320 to 489	PSI
Final Closed in Pressure	883	PSI
Final Hydrostatic Pressure	1651	PSI
Temperature	114	°F
Pressure Change Initial	6.8	%
Close / Final Close		

## Recovery at a glance



GIP cubic foot volume: 0



Lease: Vanover #1

State: Kansas Drilling Contractor: Southwind Drilling,

SEC: 23 TWN: 4S RNG: 27W

Inc - Rig 3

Elevation: 2569 GL Field Name: Jennings

County: DECATUR

Pool: Infield Job Number: 302

Operation: Uploading recovery & pressures

> **DATE** February 15

Formation: Topeka - LKC "A" DST #2 Test Interval: 3419 -Total Depth: 3520' 3520'

Time On: 13:01 02/15 Time Off: 20:21 02/15

Time On Bottom: 15:18 02/15 Time Off Bottom: 17:18 02/15

#### **BUCKET MEASUREMENT:**

2019

Diesel in Bucket

1st Open: BoB in 2 min. 15 sec

1st Close: No Return

2nd Open: BoB in 3 min. 20 sec.

2nd Close: No Return

**REMARKS:** 

Tool Sample: 0% Gas .1% Oil 96.9% Water 3% Mud

Ph: 6

Measured RW: .18 @ 52 degrees °F

RW at Formation Temp: 0.088 @ 114 °F

Chlorides: 61000 ppm



Lease: Vanover #1

SEC: 23 TWN: 4S RNG: 27W

County: DECATUR State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3

Elevation: 2569 GL Field Name: Jennings

Pool: Infield Job Number: 302

Operation: Uploading recovery & pressures

**DATE** 

February 15

2019

Formation: Topeka - LKC "A" **DST #2** 

Test Interval: 3419 -

Total Depth: 3520'

3520'

Time On: 13:01 02/15

Time Off: 20:21 02/15

Time On Bottom: 15:18 02/15 Time Off Bottom: 17:18 02/15

## **Down Hole Makeup**

**Heads Up:** 19.56 FT Packer 1: 3414.18 FT

**Drill Pipe:** 3413.58 FT Packer 2: 3419.18 FT

ID-3 1/2

Top Recorder: 3406.18 FT

Weight Pipe: 0 FT 3518 FT

ID-2 7/8

**Bottom Recorder:** 

Collars: 0 FT Well Bore Size: 7 7/8

ID-2 1/4

**Surface Choke:** 1"

Test Tool: 26.16 FT **Bottom Choke:** 5/8"

ID-3 1/2-FH

**Total Anchor:** 100.82

**Anchor Makeup** 

Packer Sub: 1 FT

Perforations: (top): 32 FT

4 1/2-FH

**Change Over:** .5 FT

Drill Pipe: (in anchor): 63.82 FT

ID-3 1/2

Change Over: .5 FT

Perforations: (below): 3 FT

4 1/2-FH



Lease: Vanover #1

SEC: 23 TWN: 4S RNG: 27W

Total Depth: 3520'

County: DECATUR State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 3 Elevation: 2569 GL Field Name: Jennings

Pool: Infield Job Number: 302

Operation: Uploading recovery & pressures

> **DATE** February 15

> > 2019

Formation: Topeka - LKC "A" DST #2 Test Interval: 3419 -

3520'

Time On: 13:01 02/15 Time Off: 20:21 02/15

Time On Bottom: 15:18 02/15 Time Off Bottom: 17:18 02/15

## **Mud Properties**

Chlorides: 2500 ppm Mud Type: Chem Weight: 9.3 Viscosity: 53 Filtrate: 7.2