Operation:

Test Complete

Company: Pauley Oil Lease: Harlow #1-30

SEC: 30 TWN: 16S RNG: 10W 1 County: ELLSWORTH

Total Depth: 3240'

State: Kansas

Drilling Contractor: Southwind Drilling,

Inc - Rig 2

Elevation: 1879 GL Field Name: Schlessiger

Pool: Pool Ext Job Number: 233

DATE

September 18 2018

DST#1 Formation: Lans/KC "H-K"

Test Interval: 3175 -

3240"

Time On: 09:15 09/18 Time Off: 16:56 09/18

Time On Bottom: 11:57 09/18 Time Off Bottom: 14:42 09/18

Electronic Volume Estimate: 852

1st Open Minutes: 30 Current Reading: 30.3" at 30 min

Max Reading: 30.3"

Current Reading 0" at 30 min

1st Close

Minutes: 30

77.7" at 45 min Max Reading: 0" Max Reading: 77.7"

2nd Open

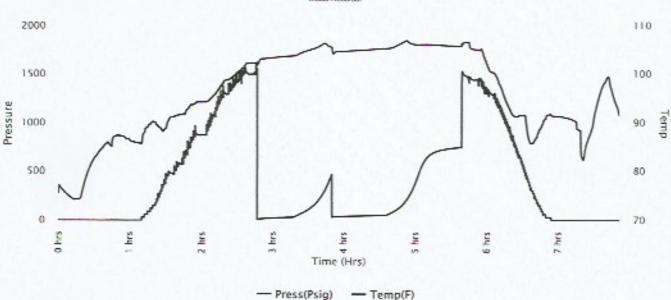
Minutes: 45

Current Reading:

2nd Clase Minutes: 60 Current Reading:

0° at 60 min Max Reading: 0"

Inside Recorder





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### Recovered

Foot	BBLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
710	10.1033	G	100	0	0	0
45	0.64035	HOCM	0	30	0	70
65	0.92495	HOCM	0	40	0	60

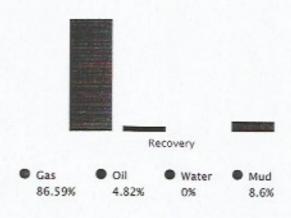
Total Recovered: 820 ft

Total Barrels Recovered: 11 6686

	-
Reversed Ou	rŧ
NO	

otal ballets Recovered.	NO	10		
Initial Hydrostatic Pressure	1505	PSI		
Initial Flow	13 to 35	PSI	381	5
Initial Closed in Pressure	474	PSI	_	
Final Flow Pressure	37 to 58	PSI		
Final Closed in Pressure	751	PSI		0
Final Hydrostatic Pressure	1501	PSI		
Temperature	108	°F		
Pressure Change Initial	0.0	%		
Close / Final Close				

## Recovery at a glance





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#### BUCKET MEASUREMENT:

1st Open: Weak, surface blow building. BOB in 10 mins. 20 secs.

1st Close: No blow back.

2nd Open: 8 in. blow building, BOB in 20 secs.

2nd Close: No blow back.

#### REMARKS:

Tool Sample: 0% Gas 88% Oil 2% Water 10% Mud



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## Down Hole Makeup

Heads Up: 29.48 FT

Packer 1: 3170 FT

Drill Pipe: 3179.32 FT

Packer 2: 3175 FT

ID-3 1/2

Top Recorder: 3162 FT

Weight Pipe: FT

ID-2 7/8

Bottom Recorder:

3213 FT

Collars: FT Well Bore Size: 7 7/8

ID-2 1/4

Surface Choke: 1"

Test Tool: 26.16 FT Bottom Choke:

ID-3 1/2-FH

Total Anchor: 65

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 3 FT

4 1/2-FH

Change Over: 1 FT

Drill Pipe: (in anchor): 31.5 FT

ID-3 1/2

Change Over: .5 FT

Perforations: (below): 28 FT

4 1/2-FH



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# **Mud Properties**

Mud Type: Chemical

Weight: 8.8

Viscosity: 59

Filtrate: 7.2

Chlorides: 4,000 ppm