



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Deutsch Oil Co  
 8100 E 22nd St N Bldg 600  
 Wichita KS 67226  
 ATTN: Keith Reavis

**32 2s 35w Rawlins KS**  
**VPR Unit 1-32**  
 Job Ticket: 64165 **DST#: 3**  
 Test Start: 2018.01.17 @ 11:12:00

## GENERAL INFORMATION:

Formation: **LKC " A "**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:47:31  
 Time Test Ended: 19:46:00  
 Interval: **4010.00 ft (KB) To 4080.00 ft (KB) (TVD)**  
 Total Depth: 4080.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jim Svaty  
 Unit No: 69  
 Reference Elevations: 3155.00 ft (KB)  
 3150.00 ft (CF)  
 KB to GR/CF: 5.00 ft

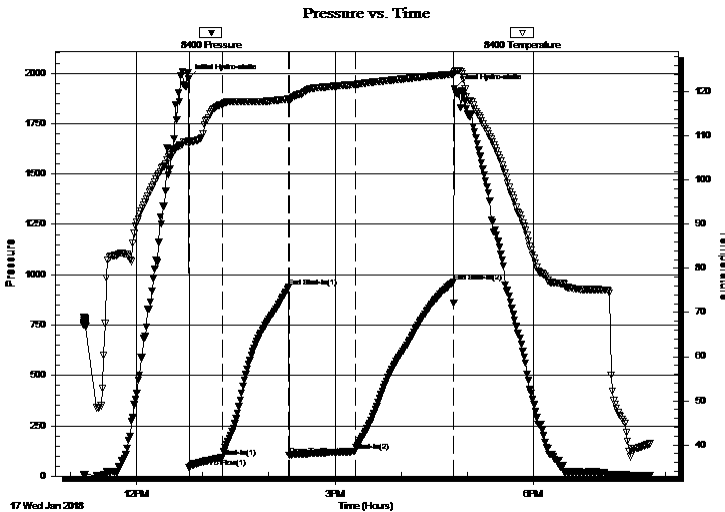
## Serial #: 8400

Outside

Press@RunDepth: 123.02 psig @ 4016.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2018.01.17 End Date: 2018.01.17 Last Calib.: 2018.01.17  
 Start Time: 11:12:01 End Time: 19:45:46 Time On Btm: 2018.01.17 @ 12:47:16  
 Time Off Btm: 2018.01.17 @ 16:48:16

TEST COMMENT: 30-IFP- Surface Blow Building to 9in.  
 60-ISIP- Surface Blow in 2 1/2min.. Blow Thru-Out  
 60-FFP- BOB in 59min.  
 90-FSIP- Surface Blow in 4min. Died in 35min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.09	108.88	Initial Hydro-static
1	41.63	108.43	Open To Flow (1)
31	93.12	117.15	Shut-In(1)
91	937.20	118.42	End Shut-In(1)
91	103.40	118.14	Open To Flow (2)
151	123.02	121.69	Shut-In(2)
241	963.29	124.05	End Shut-In(2)
241	1923.03	124.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
220.00	OCM 50%o 50%m	1.44
0.00	150 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





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**FLUID SUMMARY**

Deutsch Oil Co

**32 2s 35w Rawlins KS**

8100 E 22nd St N Bldg 600  
Wichita KS 67226

**VPR Unit 1-32**

Job Ticket: 64165

**DST#: 3**

ATTN: Keith Reavis

Test Start: 2018.01.17 @ 11:12:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in<sup>3</sup>

Gas Cushion Type:

Resistivity: 6.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
220.00	OCM 50%o 50%m	1.437
0.00	150 GIP	0.000

Total Length: 220.00 ft      Total Volume: 1.437 bbl

Num Fluid Samples: 0

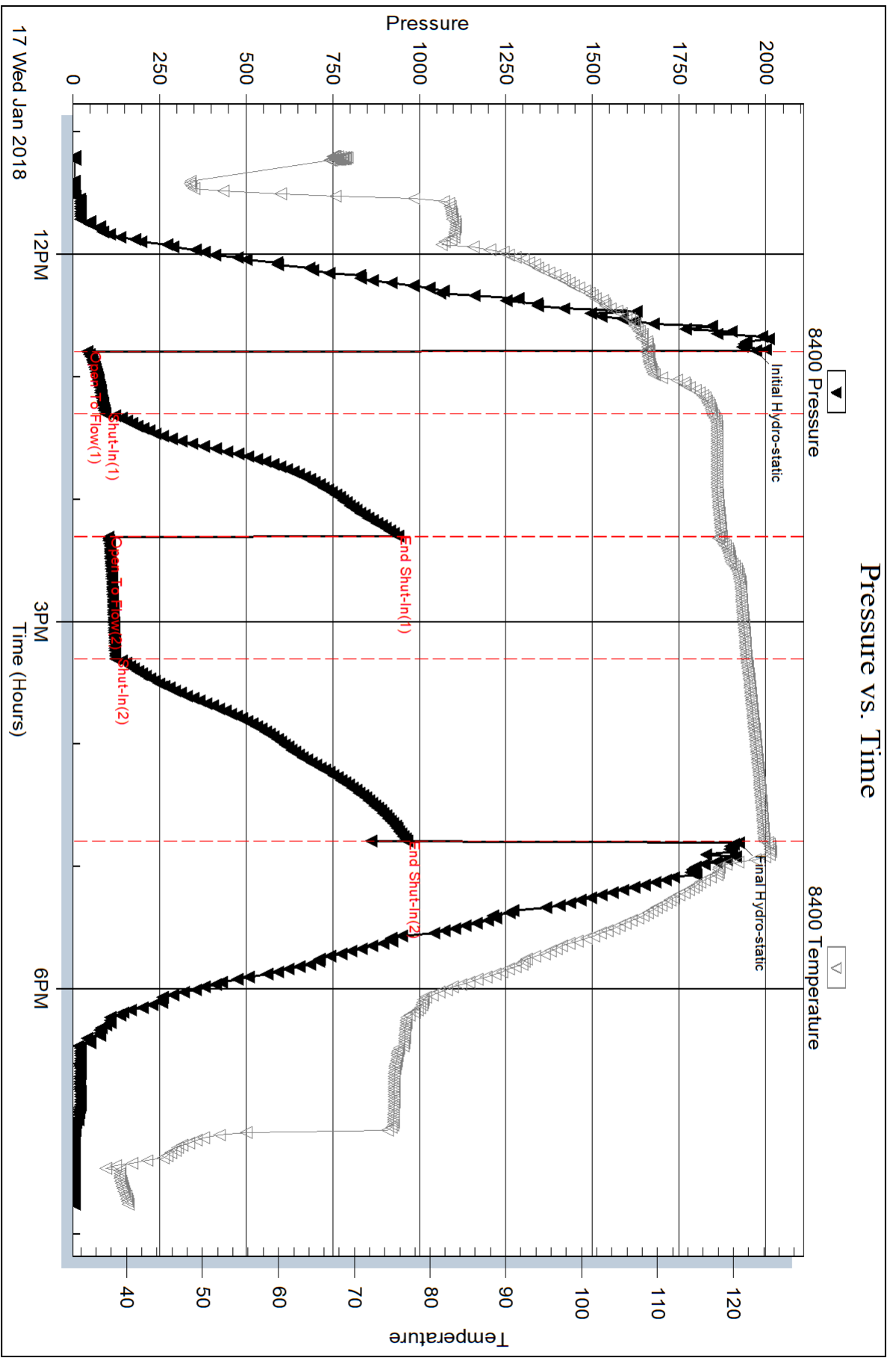
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6668

Inside

Deutsch Oil Co

VPR Unit 1-32

DST Test Number: 3

