



**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: 64169 **DST#: 6**  
Test Start: 2018.01.20 @ 10:30:00

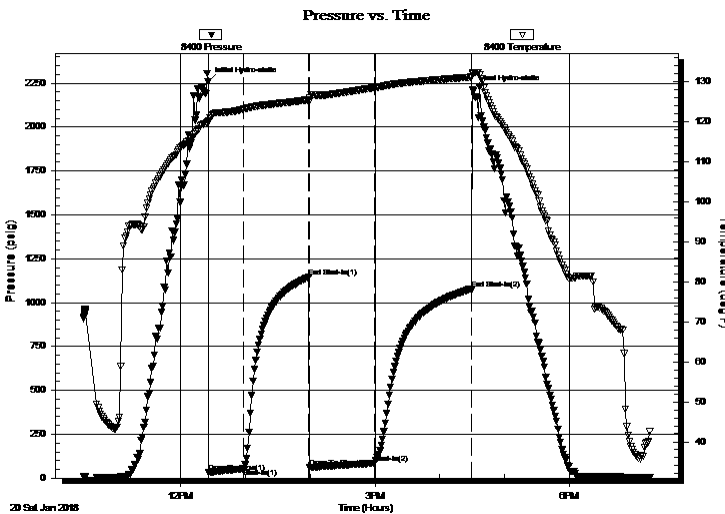
## GENERAL INFORMATION:

Formation: **Pawnee & Cherokee**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 12:25:31  
Time Test Ended: 19:14:46  
Interval: **4442.00 ft (KB) To 4565.00 ft (KB) (TVD)**  
Total Depth: 4565.00 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: 85.19 psig @ 4443.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2018.01.20 End Date: 2018.01.20 Last Calib.: 1899.12.30  
Start Time: 10:30:01 End Time: 19:14:46 Time On Btm: 2018.01.20 @ 12:25:16  
Time Off Btm: 2018.01.20 @ 16:30:16

**TEST COMMENT:** 30-IFP- Surface Blow Building to 3 1/2in.  
60-ISIP- No Blow  
60-FFP- Surface Blow Building to 3in.  
90-FSIP- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2259.47	119.96	Initial Hydro-static
1	32.76	119.74	Open To Flow (1)
33	54.31	123.18	Shut-In(1)
94	1145.46	125.53	End Shut-In(1)
94	60.28	125.20	Open To Flow (2)
154	85.19	128.55	Shut-In(2)
244	1078.05	131.21	End Shut-In(2)
245	2212.86	132.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
105.00	OWCM 5%o 5%w 90%m	0.52
20.00	CO 100%	0.10

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**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: 64169

**DST#: 6**

ATTN: Keith Reavis

Test Start: 2018.01.20 @ 10:30:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 4.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
105.00	OWCM 5%o 5%w 90%m	0.516
20.00	CO 100%	0.098

Total Length: 125.00 ft

Total Volume: 0.614 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

