



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

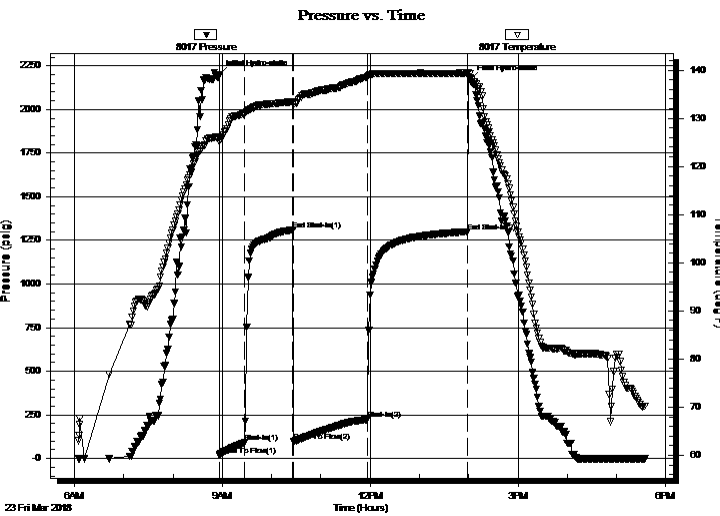
17/2s/37w Cheyenne KS
Park University#1-17
 Job Ticket: 63373 **DST#: 2**
 Test Start: 2018.03.23 @ 06:05:00

GENERAL INFORMATION:

Formation: **Lans. "A"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 08:56:15 Tester: James Winder
 Time Test Ended: 17:34:45 Unit No: 83
 Interval: **4280.00 ft (KB) To 4370.00 ft (KB) (TVD)** Reference Elevations: 3402.00 ft (KB)
 Total Depth: 4370.00 ft (KB) (TVD) 3394.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8017 Outside
 Press@RunDepth: 223.41 psig @ 4281.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.23 End Date: 2018.03.23 Last Calib.: 2018.03.23
 Start Time: 06:05:05 End Time: 17:34:45 Time On Btm: 2018.03.23 @ 08:56:00
 Time Off Btm: 2018.03.23 @ 14:02:00

TEST COMMENT: 30 - IF: Blow built to 8"
 60 - IS: Blow built 1/4", then died back
 90 - FF: Blow built to BOB (11") at 46 min., built to 20 1/2"
 120 - FS: Blow built 2 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.19	126.14	Initial Hydro-static
1	19.65	125.11	Open To Flow (1)
31	91.48	130.95	Shut-In(1)
90	1309.60	133.43	End Shut-In(1)
91	96.26	133.03	Open To Flow (2)
181	223.41	138.57	Shut-In(2)
303	1299.28	139.40	End Shut-In(2)
306	2169.91	138.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
385.00	GOCM 49% _m , 32% _o , 19% _g	1.89
75.00	SMCGO 82% _o , 10% _g , 8% _m	0.37
35.00	CO 98% _o , 2% _g	0.45
0.00	GIP = 95' (w eak odor)	0.00

* Recovery from multiple tests

Gas Rates

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



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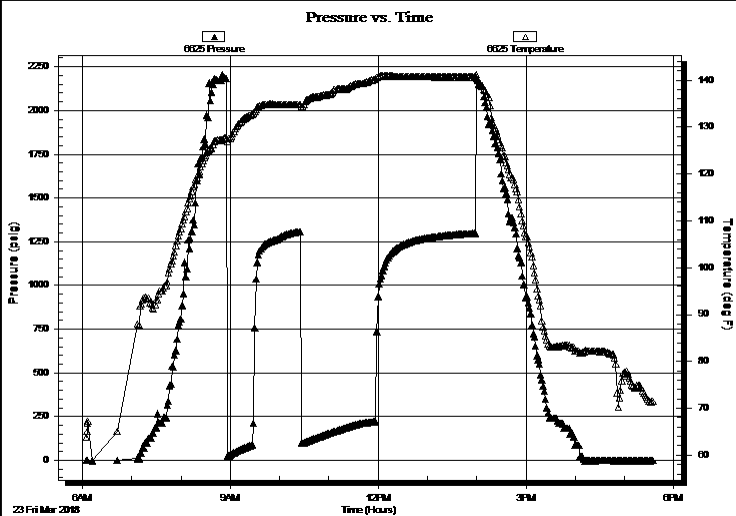
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 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 3402.00 ft (KB)
 3394.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
 Press@RunDepth: psig @ 4281.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.23 End Date: 2018.03.23 Last Calib.: 2018.03.23
 Start Time: 06:05:05 End Time: 17:34:45 Time On Btm:
 Time Off Btm:

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PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
385.00	GOCM 49% <i>m</i> , 32% <i>o</i> , 19% <i>g</i>	1.89
75.00	SMCGO 82% <i>o</i> , 10% <i>g</i> , 8% <i>m</i>	0.37
35.00	CO 98% <i>o</i> , 2% <i>g</i>	0.45
0.00	GIP = 95' (weak odor)	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63373

DST#: 2

ATTN: Bryan Bynog

Test Start: 2018.03.23 @ 06:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
385.00	GOCM 49% <i>m</i> , 32% <i>o</i> , 19% <i>g</i>	1.893
75.00	SMCGO 82% <i>o</i> , 10% <i>g</i> , 8% <i>m</i>	0.369
35.00	CO 98% <i>o</i> , 2% <i>g</i>	0.455
0.00	GIP = 95' (weak odor)	0.000

Total Length: 495.00 ft Total Volume: 2.717 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 30.4 api @ 76 deg F
Corrected Gravity = 28.8 api

