



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

4- 4S.-27W. Decatur, KS
Sylvester #1
 Job Ticket: 65336 **DST#: 2**
 Test Start: 2019.02.05 @ 23:21:00

GENERAL INFORMATION:

Formation: **" Toronto & LKC A "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:08:40
 Time Test Ended: 09:42:00
 Interval: **3520.00 ft (KB) To 3595.00 ft (KB) (TVD)**
 Total Depth: 3595.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2682.00 ft (KB)
 2674.00 ft (CF)
 KB to GR/CF: 8.00 ft

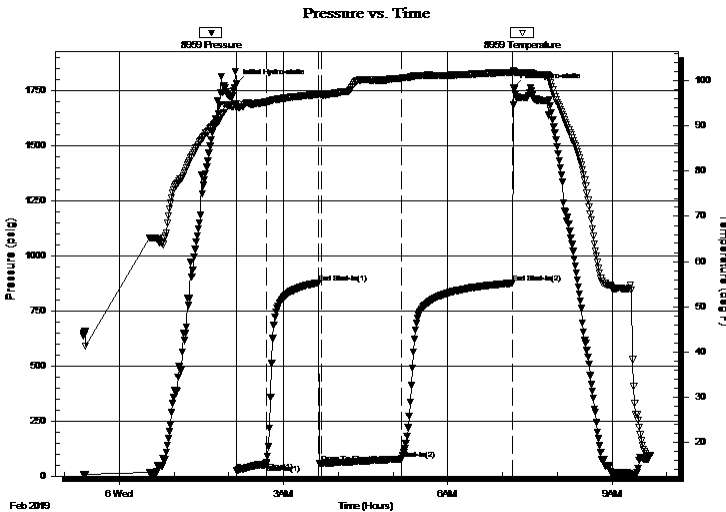
Serial #: 8959

Inside

Press@RunDepth: 77.11 psig @ 3521.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.02.05 End Date: 2019.02.06 Last Calib.: 2019.02.06
 Start Time: 23:21:01 End Time: 09:42:00 Time On Btm: 2019.02.06 @ 02:08:30
 Time Off Btm: 2019.02.06 @ 07:12:30

TEST COMMENT: 30-IF-S.blow built to 4"
 60-ISI-No blow
 90-FF-S.blow built to 8 1/2"
 120-FS-S.blow back @ 2 mins died @ 33 mins

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1779.60	94.95	Initial Hydro-static
1	24.09	93.98	Open To Flow (1)
33	55.30	95.34	Shut-In(1)
91	877.99	97.01	End Shut-In(1)
93	56.94	96.92	Open To Flow (2)
181	77.11	100.57	Shut-In(2)
303	876.17	101.90	End Shut-In(2)
304	1763.95	102.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	SOWCM 10%O, 35%W, 55%M	0.89
15.00	SWHOCM 15%W, 25%O, 60%M	0.21

* Recovery from multiple tests

Gas Rates

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



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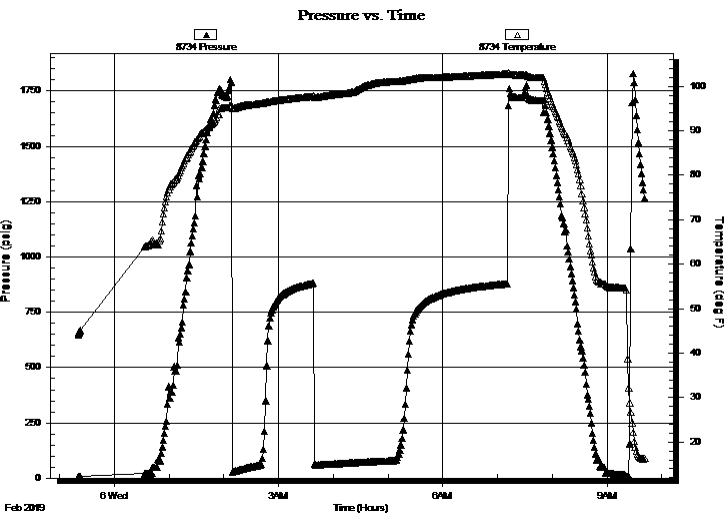
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Serial #: 8734 Outside

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Recovery

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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	31000 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	SOWCM 10%O, 35%W, 55%M	0.893
15.00	SWHOCM 15%W, 25%O, 60%M	0.210

Total Length: 115.00 ft Total Volume: 1.103 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW= .577 @ 20.2 = 31,000ppm

Pressure vs. Time

