



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

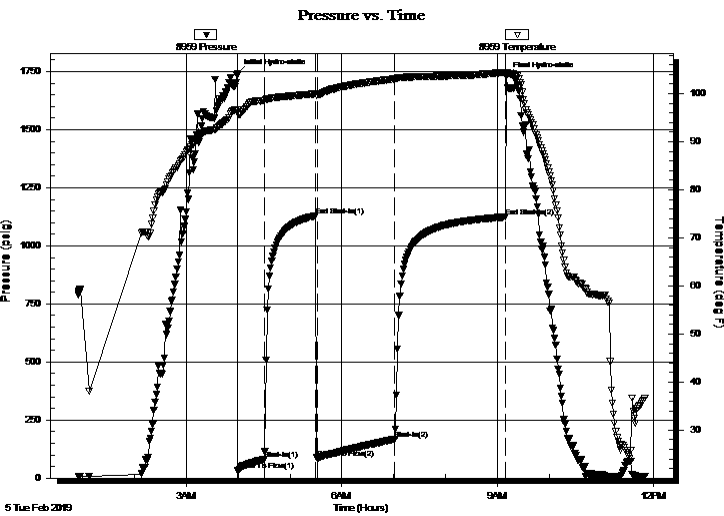
4- 4S.-27W. Decatur, KS
Sylvester #1
Job Ticket: 65335 **DST#: 1**
Test Start: 2019.02.05 @ 00:56:00

GENERAL INFORMATION:

Formation: **Oread**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:59:40
Time Test Ended: 11:50:10
Test Type: Conventional Bottom Hole (Initial)
Tester: Martine Salinas
Unit No: 82
Interval: **3440.00 ft (KB) To 3545.00 ft (KB) (TVD)**
Reference Elevations: 2682.00 ft (KB)
Total Depth: 3545.00 ft (KB) (TVD) 2674.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8959 Inside
Press@RunDepth: 167.25 psig @ 3441.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.02.05 End Date: 2019.02.05 Last Calib.: 2019.02.05
Start Time: 00:56:01 End Time: 11:50:10 Time On Btm: 2019.02.05 @ 03:59:20
Time Off Btm: 2019.02.05 @ 09:09:39

TEST COMMENT: 30-IF-1/2" blow built to 10 1/2"
60-ISI-S.blow back @ 2 mins built to 1/4"
90-FF-S.blow built to B.O.B (12 inches) @ 46 mins (blow increased to 21 1/4")
120-FSI-S.blow back @ 2 mins built to 3/4" & decreased to surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1742.65	96.58	Initial Hydro-static
1	32.20	96.11	Open To Flow (1)
32	80.11	98.59	Shut-In(1)
91	1129.17	99.96	End Shut-In(1)
93	86.22	99.72	Open To Flow (2)
182	167.25	103.07	Shut-In(2)
310	1123.62	104.41	End Shut-In(2)
311	1727.32	104.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	SOMCW 10%O, 35%M, 55%W	0.94
190.00	GSOWCM 6%G,8%O,23%W,63%M	2.67
15.00	CO 100%O	0.21

Gas Rates

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



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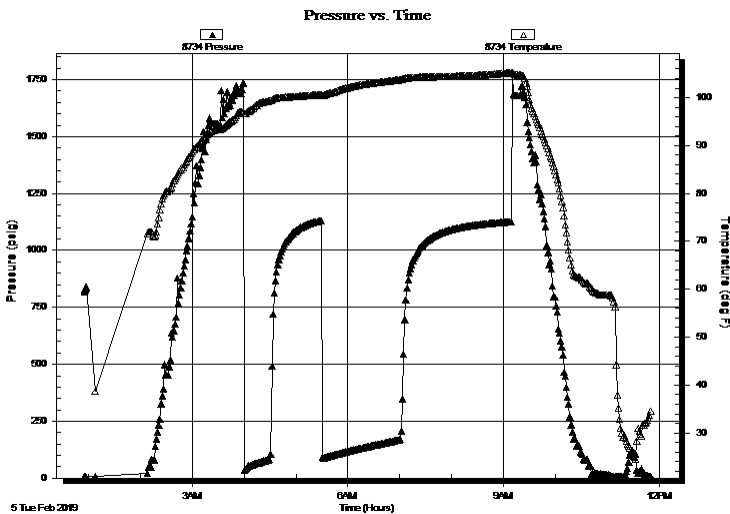
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Interval: 3440.00 ft (KB) To 3545.00 ft (KB) (TVD)	Total Depth: 3545.00 ft (KB) (TVD)	Unit No: 82
Hole Diameter: 7.88 inches	Hole Condition: Good	Reference Elevations: 2682.00 ft (KB) 2674.00 ft (CF)
		KB to GR/CF: 8.00 ft

Serial #: 8734	Outside		
Press@RunDepth: psig @ 3441.00 ft (KB)	Capacity: 8000.00 psig		
Start Date: 2019.02.05	End Date: 2019.02.05	Last Calib.: 2019.02.05	
Start Time: 00:56:01	End Time: 11:50:10	Time On Btm:	Time Off Btm:

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PRESSURE SUMMARY

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

Recovery

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FLUID SUMMARY

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Job Ticket: 65335 **DST#: 1**
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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 24.4 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 96000 ppm
Viscosity: 69.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.40 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	SOMCW 10%O, 35%M, 55%W	0.935
190.00	GSOWCM 6%G,8%O,23%W,63%M	2.665
15.00	CO 100%O	0.210

Total Length: 310.00 ft Total Volume: 3.810 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Gravity of oil = 21 @ 34 degs
Gravity corrected to 24.4 @ 60 degs
RW= .212 @ 23.5 degs = 96,000 PPM

