



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco, LLC

26/1s/36w Rawlins KS

2020 N. Bramblewood
Wichita, KS 67206

Lillie #1-26

Job Ticket: 55017

DST#: 1

ATTN: Pete Vollmer

Test Start: 2013.11.12 @ 18:37:00

GENERAL INFORMATION:

Formation: Oread

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:15:00

Time Test Ended: 06:23:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 150

Interval: 4048.00 ft (KB) To 4100.00 ft (KB) (TVD)

Reference Elevations: 3264.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

3251.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8671

Inside

Press@RunDepth: 861.50 psig @ 4049.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.12 End Date: 2013.11.13

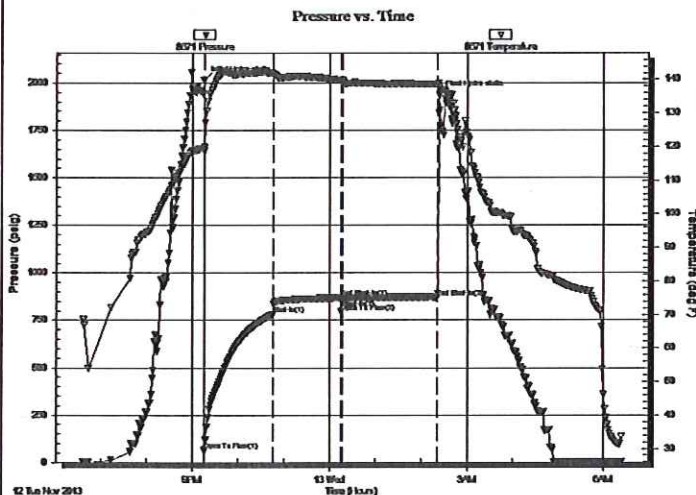
Last Calib.: 2013.11.13

Start Time: 18:37:05 End Time: 06:23:00

Time On Btm: 2013.11.12 @ 21:14:45

Time Off Btm: 2013.11.13 @ 02:23:30

TEST COMMENT: 30 - IF: Blow built to BOB (11") in 3 min.
60 - IS: Bled off for 4 min., Blow back built to BOB at 8 min.
90 - FF: Blow built slowly to 7 1/2"
120 - FS: Blow back built to 5 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2014.51	119.48	Initial Hydro-static
1	62.91	118.70	Open To Flow (1)
91	784.76	141.92	Shut-In(1)
181	868.33	139.77	End Shut-In(1)
181	796.19	139.76	Open To Flow (2)
183	861.50	139.57	Shut-In(2)
306	871.46	138.66	End Shut-In(2)
309	1936.91	138.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
265.00	SMCW w/OS 92%w, 6%m, 2%o	1.30
545.00	GOMCW 61%w, 19%m, 12%g, 8%o mix	5.23
375.00	OCGWM 44%m, 31%w, 18%g, 7%o mix	5.26
565.00	SMCGO 76%o, 19%g, 5%m	7.93
30.00	SMCO 91%o, 6%m, 3%g	0.42
0.00	GIP = 345'	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

26/1s/36w Rawlins KS

2020 N. Bramblewood
Wichita, KS 67206

Lillie #1-26

Job Ticket: 55017

DST#: 1

ATTN: Pete Vollmer

Test Start: 2013.11.12 @ 18:37:00

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:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
265.00	SMCW w/OS 92%w, 6%m, 2%o	1.303
545.00	GOMCW 61%w, 19%m, 12%g, 8%o mix	5.231
375.00	OCGWM 44%m, 31%w, 18%g, 7%o mix	5.260
565.00	SMCO 76%o, 19%g, 5%m	7.925
30.00	SMCO 91%o, 6%m, 3%g	0.421
0.00	GIP = 345'	0.000

Total Length: 1780.00 ft Total Volume: 20.140 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 10#LCM

Gravity is too low to check at this temp - I'll try again when I come back
RW = .163 ohms @ 55 deg F
Fluids with o mix has an oil mixture (mud, oil, & salt?) (not clean oil)

Serial #: 8671

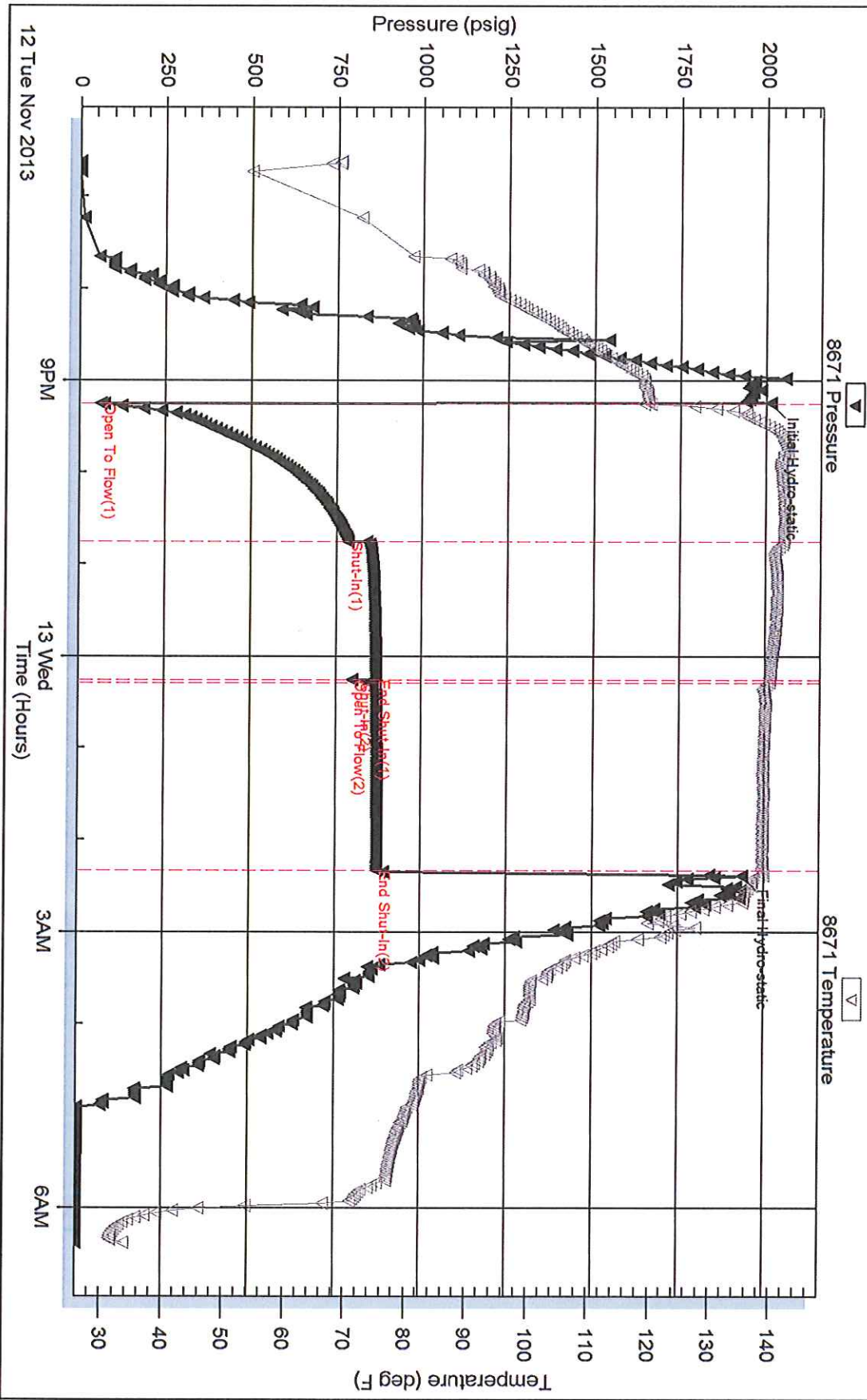
Inside

Berexco, LLC

Lille #1-26

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 55017

Printed: 2013.11.13 @ 08:20:38