



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC

9/1s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Mears 'A' #3-9

Job Ticket: 55980

DST#: 4

ATTN: Bryan Bynog

Test Start: 2014.03.31 @ 13:30:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:08:30

Time Test Ended: 05:52:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Robert Zodrow

Unit No: 57

Interval: 4585.00 ft (KB) To 4625.00 ft (KB) (TVD)

Total Depth: 4150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3263.00 ft (KB)

3252.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8671 Inside

Press@RunDepth: 570.40 psig @ 4586.00 ft (KB)

Start Date: 2014.03.31

End Date:

2014.04.01

Start Time: 13:30:05

End Time:

05:52:15

Capacity: 8000.00 psig

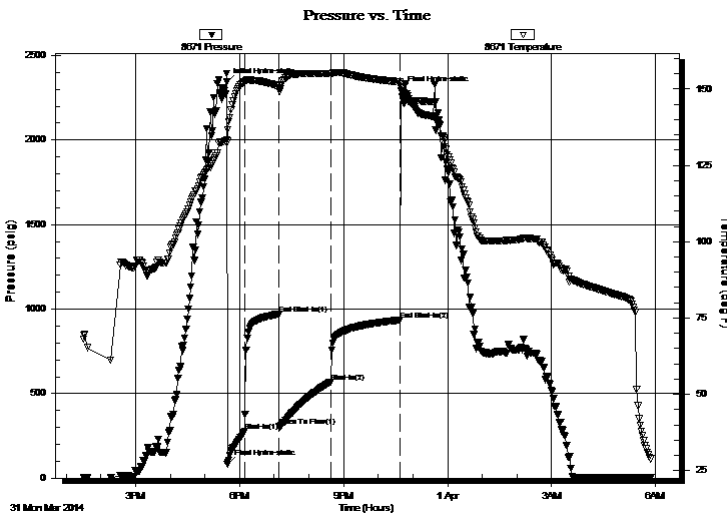
Last Calib.: 2014.04.01

Time On Btm: 2014.03.31 @ 17:38:00

Time Off Btm: 2014.03.31 @ 17:38:30

TEST COMMENT: 30-IF- Bob In 3 Mins
60-ISI- Bob In 10 Mins
90-FF- Bob In 7 Mins
120-FSI- Return Built To 2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.12	133.25	Initial Hydro-static
1	81.88	132.87	Final Hydro-static
31	276.80	152.53	Shut-In(1)
91	967.89	150.95	End Shut-In(1)
91	308.38	150.53	Open To Flow (1)
180	570.40	155.10	Shut-In(2)
300	934.46	152.32	End Shut-In(2)
302	2293.15	150.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gocm 20%g 35%o 45%m	0.59
1344.00	clean oil 30%g 70%o	16.21
0.00	1364 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 163.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gocm 20%g 35%o 45%m	0.590
1344.00	clean oil 30%g 70%o	16.211
0.00	1364 GIP	0.000

Total Length: 1464.00 ft Total Volume: 16.801 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

