



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

DNOC

Riedel Family A 1-26

PO Box 372
Hays, Ks
67601

26-13-21/Trego

Job Ticket: 41782

DST#: 3

ATTN: Marc Downing

Test Start: 2011.02.16 @ 20:23:03

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:18:32

Time Test Ended: 03:13:02

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 4037.00 ft (KB) To 4047.00 ft (KB) (TVD)

Reference Elevations: 2342.00 ft (KB)

Total Depth: 4037.00 ft (KB) (TVD)

2334.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8372 Inside

Press @ Run Depth: 76.70 psig @ 4039.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.02.16

End Date:

2011.02.17

Last Calib.:

2011.02.17

Start Time: 20:23:03

End Time:

03:13:02

Time On Btm:

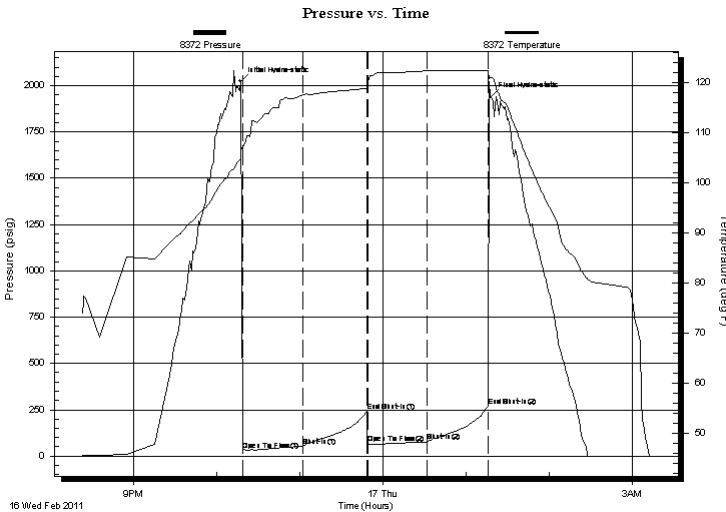
2011.02.16 @ 22:17:02

Time Off Btm:

2011.02.17 @ 01:18:02

TEST COMMENT: IFP - BOB 43 min
ISI - no blow back
FFP - weak to good blow sur - 6"
FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.42	104.71	Initial Hydro-static
2	30.33	107.26	Open To Flow (1)
45	52.62	117.45	Shut-In(1)
91	244.47	118.78	End Shut-In(1)
92	69.71	120.14	Open To Flow (2)
135	76.70	122.25	Shut-In(2)
179	267.66	122.29	End Shut-In(2)
181	1938.82	120.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCMW 5%O, 55%W, 40%M	0.55
15.00	W & MCO 55%O, 15%W, 30%M	0.21
80.00	FREE OIL 95%O, 5%M	1.12
0.00	60' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

DNOC

Riedel Family A 1-26

PO Box 372
Hays, Ks
67601

26-13-21/Trego

Job Ticket: 41782

DST#: 3

ATTN: Marc Downing

Test Start: 2011.02.16 @ 20:23:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	SOCMW 5%O, 55%W, 40%M	0.550
15.00	W & MCO 55%O, 15%W, 30%M	0.210
80.00	FREE OIL 95%O, 5%M	1.122
0.00	60' GIP	0.000

Total Length: 155.00 ft

Total Volume: 1.882 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

