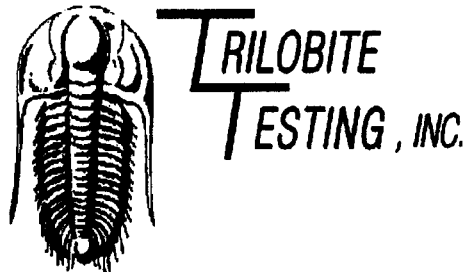


15-195-22447



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum**

225 N Market St Ste 300
Wichita KS 67202

ATTN: Flip Phillips

30 14 21 Trego KS

Schmidt RP 4-30

Start Date: 2007.04.21 @ 23:55:20

End Date: 2007.04.22 @ 07:30:20

Job Ticket #: 28241 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum
225 N Market St Ste 300
Wichita KS 67202
ATTN: Flip Phillips

Schmidt RP 4-30

30 14 21 Trego KS

Job Ticket: 28241

DST#: 1

Test Start: 2007.04.21 @ 23:55:20

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:32:20

Time Test Ended: 07:30:20

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: 28

Interval: 3900.00 ft (KB) To 3970.00 ft (KB) (TVD)

Total Depth: 3970.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2092.00 ft (KB)

2086.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6753

Inside

Press@RunDepth: 59.96 psig @ 3905.01 ft (KB)

Start Date: 2007.04.21

End Date:

2007.04.22

Start Time: 23:55:25

End Time:

07:30:19

Capacity: 7000.00 psig

Last Calib.: 2007.04.22

Time On Btm: 2007.04.22 @ 02:31:50

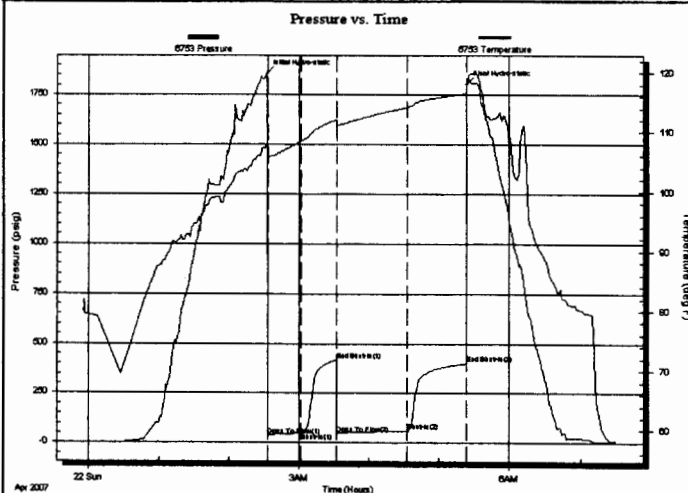
Time Off Btm: 2007.04.22 @ 05:23:50

TEST COMMENT: IF Built to 5 "

ISI Dead

FF B of B 55 m

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1854.77	108.14	Initial Hydro-static
1	33.82	105.51	Open To Flow (1)
30	48.86	108.55	Shut-In(1)
60	417.43	112.05	End Shut-In(1)
61	43.65	111.16	Open To Flow (2)
122	59.96	114.17	Shut-In(2)
172	399.57	116.51	End Shut-In(2)
172	1802.51	117.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Clean Oil	0.17
65.00	M&O 50%M 50%O	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum

225 N Market St Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Schmidt RP 4-30

30 14 21 Trego KS

Job Ticket: 28241

DST#: 1

Test Start: 2007.04.21 @ 23:55:20

Tool Information

Drill Pipe:	Length: 3890.00 ft	Diameter: 4.21 inches	Volume: 66.98 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 66.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3900.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.02 ft			
Tool Length:	99.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3872.00	
Shut In Tool	5.00			3877.00	
Hydraulic tool	5.00			3882.00	
Jars	5.00			3887.00	
Safety Joint	3.00			3890.00	
Packer	5.00			3895.00	29.00 Bottom Of Top Packer
Packer	5.00			3900.00	
Stubb	1.00			3901.00	
Perforations	4.00			3905.00	
Recorder	0.01	6753	Inside	3905.01	
Change Over Sub	1.00			3906.01	
Drill Pipe	60.00			3966.01	
Change Over Sub	1.00			3967.01	
Recorder	0.01	13534	Outside	3967.02	
Bullnose	3.00			3970.02	70.02 Bottom Packers & Anchor

Total Tool Length: 99.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum

Schmidt RP 4-30

225 N Market St Ste 300
Wichita KS 67202

30 14 21 Trego KS

Job Ticket: 28241

DST#: 1

ATTN: Flip Phillips

Test Start: 2007.04.21 @ 23:55:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Clean Oil	0.172
65.00	M&O 50%M 50%O	1.119

Total Length: 75.00 ft Total Volume: 1.291 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

