



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum,,L**

225 N.market,Suite 300
Wichita, KS 67202

ATTN: Flip Phillips

21-33s-6w Harper KS

Turner#1

Start Date: 2001.04.24 @ 09:41:00

End Date: 2001.04.24 @ 00:00:00

Job Ticket #: 14036 DST #: 1

Trilobite Testing, Inc

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TESTING, INC

DRILL STEM TEST REPORT

Pintail Petroleum, L

225 N. Market, Suite 300
Wichita, KS 67202

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Turner#1

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Job Ticket: 14036

DST#: 1

Test Start: 2001.04.24 @ 09:41:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:42:28

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **4488.00 ft (KB) To 4510.00 ft (KB) (TVD)**

Total Depth: 4510.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1333.00 ft (KB)

1328.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **3302** Inside

Press@RunDepth: 37.54 psig @ 4494.00 ft (KB)

Start Date: 2001.04.24

End Date: 2001.04.24

Start Time: 09:41:30

End Time: 16:06:58

Capacity: 7000.00 psig

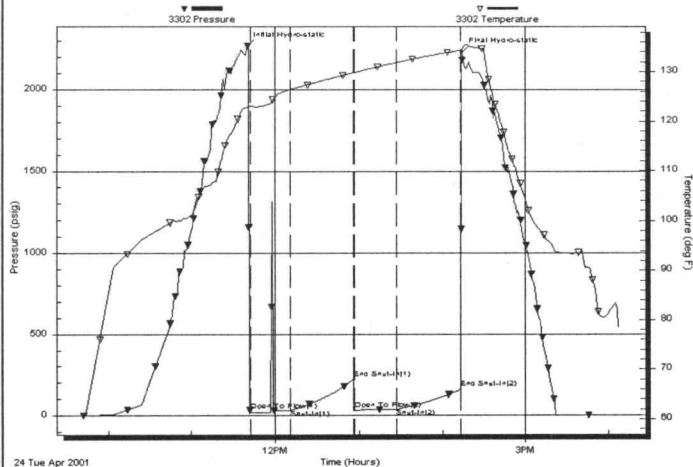
Last Calib.: 2001.04.24

Time On Btm: 2001.04.24 @ 11:39:58

Time Off Btm: 2001.04.24 @ 14:14:28

TEST COMMENT: IF: Weak blow built to 2" in H₂O. open 15 mins Flush tool
finish out 30 min flow period.
IS: Bled down for 3 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
119	2266.93	122.77	Initial Hydro-static
121	25.02	123.03	Open To Flow (1)
150	30.69	126.38	Shut-In(1)
195	221.49	129.74	End Shut-In(1)
196	31.51	129.84	Open To Flow (2)
225	37.54	131.80	Shut-In(2)
272	158.66	134.27	End Shut-In(2)
273	2231.24	134.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	01 - Gas	1.03
60.00	52 - Mud and Gas cut Oil	0.55

Gas Rates

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

Pintail Petroleum,,L

Turner#1

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Wichita, KS 67202

21-33s-6w Harper KS

Job Ticket: 14036

DST#: 1

ATTN: Flip Phillips

Test Start: 2001.04.24 @ 09:41:00

Tool Information

Drill Pipe:	Length:	4242.21 ft	Diameter:	3.80 inches	Volume:	59.51 bbl	Tool Weight:	2100.00 lb
Drill Collar:	Length:	241.55 ft	Diameter:	2.25 inches	Volume:	1.19 bbl	Weight set on Packer:	20000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
Drill Pipe Above KB:		11.76 ft					Tool Chased	2.00 ft
Depth to Top Packer:		4488.00 ft					String Weight: Initial	50000.00 lb
Depth to Bottom Packer:		ft					Final	50000.00 lb
Interval between Packers:		ft						
Tool Length:		38.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			4473.00	
S.I. Tool	5.00			4478.00	
HMV	5.00			4483.00	
Packer	5.00			4488.00	16.00 Bottom Of Top Packer
Packer	5.00			4493.00	
Stubb	1.00			4494.00	
Recorder	0.00	3302	Inside	4494.00	
Anchor	13.00			4507.00	
Recorder	0.00	10991	Outside	4507.00	
Bullnose	3.00			4510.00	22.00 Bottom Packers & Anchor
Total Tool Length:	38.00				

