



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Hess Oil Co.**

225 N Market #300  
Wichita KS 67202

ATTN: James Hess

**2-34s-20w Comanche**

**Selzer #1**

Start Date: 2001.09.14 @ 11:15:00

End Date: 2001.09.15 @ 07:45:00

Job Ticket #: 14931                      DST #: 1

Trilobite Testing, Inc

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## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Hess Oil Co.  
225 N Market #300  
Wichita KS 67202  
ATTN: James Hess

**Selzer #1**  
**2-34s-20w Comanche**  
Job Ticket: 14931      **DST#: 1**  
Test Start: 2001.09.14 @ 11:15:00

### 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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.00 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	WCGM 16%g 18%w 66%m	2.596
190.00	GWCM 5%g 9%w 86%m	2.665
40.00	Mud	0.561
4447.00	GIP	

Total Length: 4977.00 ft      Total Volume: 5.822 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:



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**GAS RATES**

Hess Oil Co.  
225 N Market #300  
Wichita KS 67202

**Selzer #1**  
**2-34s-20w Comanche**  
Job Ticket: 14931      **DST#: 1**  
Test Start: 2001.09.14 @ 11:15:00

ATTN: James Hess

### Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	0.50	12.00	178.09
1	20	0.50	23.00	252.29
2	10	0.50	37.00	346.73
2	20	0.50	34.00	326.49
2	30	0.50	30.00	299.51
2	40	0.50	29.00	292.76
2	50	0.50	28.00	286.02
2	60	0.50	28.00	286.02