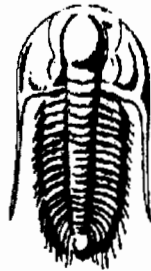


15-187-20960



**TRILOBITE
TESTING, INC.**

RECEIVED
DEC 26 2001
KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **Harris Oil & Gas Co.**

1125 17th St Ste #2290
Denver, CO 80202

CONFIDENTIAL

ATTN: Bud Harris

ORIGINAL KCC

26-30s-39w Stanton K

Release
Zelma Packard #1-1226

DEC 12 2001
CONFIDENTIAL

Zelma Packard
1-1226

Start Date: 2001.11.13 @ 14:26:06
End Date: 2001.11.14 @ 01:25:21
Job Ticket #: 14893
From
Confidential

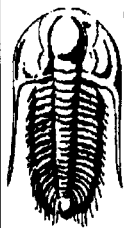
DST #: 1

ACO-1 COPY

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Harris Oil & Gas Co.

1125 17th St Ste #2290
Denver, CO 80202

ATTN: Bud Harris

Zelma Packard #1-1226

26-30s-39w Stanton K

Job Ticket: 14893

DST#: 1

Test Start: 2001.11.13 @ 14:26:06

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:52:21

Time Test Ended: 01:25:21

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **5583.00 ft (KB) To 5683.00 ft (KB) (TVD)**

Total Depth: 5683.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3188.00 ft (KB)

3172.00 ft (CF)

KB to GR/CF: 16.00 ft

Serial #: 3030

Inside

Press@RunDepth: 34.63 psig @ 5584.00 ft (KB)

Start Date: 2001.11.13

End Date: 2001.11.14

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 14:26:11

End Time: 01:25:21

Time On Btm: 2001.11.13 @ 17:51:36

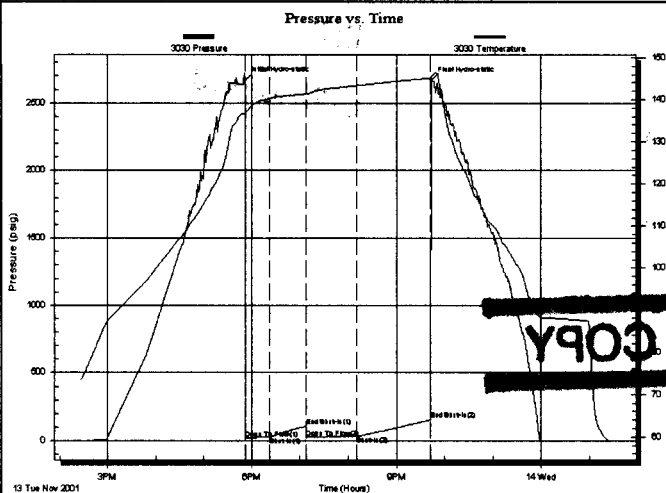
Time Off Btm: 2001.11.13 @ 21:43:05

TEST COMMENT: IF; Weak to fair built to 8"

IS; No return blow

FF; Weak blow built to 3"

FSI; No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2666.75	136.68	Initial Hydro-static
1	18.53	136.78	Open To Flow (1)
31	29.06	140.27	Shut-In(1)
76	109.05	141.33	End Shut-In(1)
76	25.02	141.34	Open To Flow (2)
139	34.63	143.30	Shut-In(2)
224	27.19	145.08	End Shut-In(2)
232	2668.81	145.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drig. Mud	0.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Harris Oil & Gas Co.

1125 17th St Ste #2290
Denver, CO 80202

ATTN: Bud Harris

Zelma Packard #1-1226

26-30s-39w Stanton K

Job Ticket: 14893

DST#: 1

Test Start: 2001.11.13 @ 14:26:06

Tool Information

Drill Pipe: Length: 5086.00 ft Diameter: 3.80 inches Volume: 71.34 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 490.00 ft Diameter: 2.25 inches Volume: 2.41 bbl
Total Volume: 73.75 bbl

Drill Pipe Above KB: 20.00 ft
Depth to Top Packer: 5583.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 100.00 ft
Tool Length: 127.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Weight: 2000.00 lb
Weight set on Packer: 30000.00 lb
Weight to Pull Loose: 120000.0 lb
Tool Chased 0.00 ft
String Weight: Initial 85000.00 lb
Final 85000.00 lb

CONFIDENTIAL

KCC

DEC 12 2001

CONFIDENTIAL

ORIGINAL

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			5561.00	
HMV	5.00			5566.00	
Jars	5.00			5571.00	
Safety Joint	2.00			5573.00	
Packer	5.00			5578.00	27.00 Bottom Of Top Packer
Packer	5.00			5583.00	
Stubb	1.00			5584.00	
Recorder	0.00	3030	Inside	5584.00	
Perforations	30.00			5614.00	
C.O. Sub	1.00			5615.00	
Anchor	62.00			5677.00	
C.O. Sub	1.00			5678.00	
Recorder	0.00	13371	Outside	5678.00	
Bullnose	5.00			5683.00	100.00 Bottom Packers & Anchor

Total Tool Length: 127.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Harris Oil & Gas Co.

Zelma Packard #1-1226

1125 17th St Ste #2290
Denver, CO 80202

26-30s-39w Stanton K

Job Ticket: 14893

DST#: 1

ATTN: Bud Harris

Test Start: 2001.11.13 @ 14:26:06

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drig. Mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Please make sure this is sent to Tom Diseker @ Liberal fax #

DST Test Number: 1

26-30s-39w Stanton K

Harris Oil & Gas Co.

Inside

Serial #: 3030

Pressure vs. Time

