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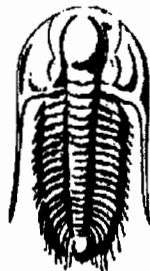
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15-081-2147



**TRILOBITE
TESTING, INC.**

**RELEASED
FROM
CONFIDENTIAL**

DRILL STEM TEST REPORT

Prepared For: **OXY USA Inc.**

P. O. Box 2528
Liberal KS. 67905

ATTN: Gregg Filpott

36-27S-34W Haskell K

Branstetter B #6

Start Date: 2003.04.29 @ 13:48:42

End Date: 2003.04.29 @ 23:14:12

Job Ticket #: 16235 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

OXY USA Inc.

Branstetter B #6

36-27S-34W Haskell K

DST # 1

Chester

2003.04.29

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TRILOBITE
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DRILL STEM TEST REPORT

OXY USA Inc.

Branstetter B #6

 P. O. Box 2528
 Liberal KS. 67905

36-27S-34W Haskell K

ATTN: Gregg Filpott

Job Ticket: 16235

DST#: 1

Test Start: 2003.04.29 @ 13:48:42

GENERAL INFORMATION:

Formation: **Chester**Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 16:05:27

Time Test Ended: 23:14:12

Interval: **5316.00 ft (KB) To 5390.00 ft (KB) (TVD)**Total Depth: **5390.00 ft (KB) (TVD)**Hole Diameter: **7.88 inches** Hole Condition: **Good**Test Type: **Conventional Bottom Hole**Tester: **Rod Steinbrink**Unit No: **22**Reference Elevations: **3049.00 ft (KB)****3039.00 ft (CF)**KB to GR/CF: **10.00 ft**

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Serial #: **3027**

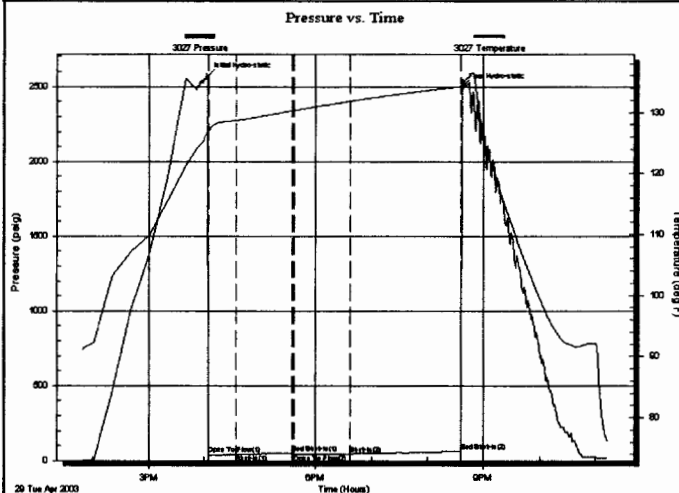
Inside

Press@RunDepth: **44.76 psig @ 5317.00 ft (KB)**Start Date: **2003.04.29**

End Date:

2003.04.29Start Time: **13:48:47**

End Time:

23:14:12Capacity: **7000.00 psig**Last Calib.: **1899.12.30**Time On Btm: **2003.04.29 @ 16:04:27**Time Off Btm: **2003.04.29 @ 20:36:11**TEST COMMENT: **IF; Fair blow built to bottom in 13 mins****IS; No return****FF; Weak return built to 1"****FSI; No return**

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2565.63	126.74	Initial Hydro-static
1	43.02	127.01	Open To Flow (1)
31	41.50	128.69	Shut-In(1)
91	50.88	130.26	End Shut-In(1)
93	41.58	130.31	Open To Flow (2)
153	44.76	131.82	Shut-In(2)
272	64.15	134.24	End Shut-In(2)
272	2499.04	134.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Slightly OCM	0.15

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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ORIGINAL
TOOL DIAGRAM
**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

OXY USA Inc.

Branstetter B #6

P. O. Box 2528
Liberal KS. 67905

36-27S-34W Haskell K

Job Ticket: 16235

DST#: 1

ATTN: Gregg Filpott

Test Start: 2003.04.29 @ 13:48:42

Tool Information

Drill Pipe:	Length: 4993.00 ft	Diameter: 3.80 inches	Volume: 70.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	71.57 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	5316.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	104.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5291.00	
Sampler	3.00			5294.00	
Hydraulic tool	5.00			5299.00	
Jars	5.00			5304.00	
Safety Joint	2.00			5306.00	
Packer	5.00			5311.00	30.00 Bottom Of Top Packer
Packer	5.00			5316.00	
Stubb	1.00			5317.00	
Recorder	0.00	3027	Inside	5317.00	
Perforations	3.00			5320.00	
Change Over Sub	1.00			5321.00	
Anchor	63.00			5384.00	
Change Over Sub	1.00			5385.00	
Recorder	0.00	13309	Outside	5385.00	
Bullnose	5.00			5390.00	74.00 Bottom Packers & Anchor

Total Tool Length: 104.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

OXY USA Inc.

Branstetter B #6

P. O. Box 2528
Liberal KS. 67905

36-27S-34W Haskell K

Job Ticket: 16235

DST#: 1

ATTN: Gregg Filpott

Test Start: 2003.04.29 @ 13:48:42

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:

1500 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Slighty OCM	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: Sampler Data;
Gas;

Serial #: 3027

Inside

OXY USA Inc.

36-27S-34W Haskell K

DST Test Number: 1

Pressure vs. Time

