

31-27-33W

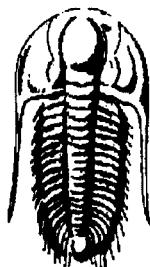
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15-081-21412
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ORIGINAL

SEP 07 2001

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TRILOBITE
TESTING, INC.

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DRILL STEM TEST REPORT

Prepared For: **OXY USA Inc**

P.O Box 2528
Liberia KS 67905

RELEASED

OCT 07 2002

FROM CONFIDENTIAL

ATTN: Vern Schrag

31 27S 33W Haskell

Peirce B #2

Start Date: 2001.06.27 @ 12:47:36

End Date: 2001.06.27 @ 20:05:21

Job Ticket #: 14218 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

OXY USA Inc

Peirce B #2

31 27S 33W Haskell

DST # 1

Morrow

2001.06.27

1A1123CT1100



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

OXY USA Inc

Peirce B #2

P.O Box 2528
Liberia KS 67905

31 27S 33W Haskell

Job Ticket: 14218

DST#: 1

ATTN: Vern Schrag

Test Start: 2001.06.27 @ 12:47:36

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:40:06

Time Test Ended: 20:05:21

Test Type: Conventional Bottom Hole

Tester: Jakki Kreklau

Unit No: 17

Interval: **5220.00 ft (KB) To 5330.00 ft (KB) (TVD)**

Total Depth: 5330.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3050.00 ft (KB)

3037.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 3026

Inside

Press@RunDepth: 36.03 psig @ 5221.00 ft (KB)

Start Date: 2001.06.27

End Date:

2001.06.27

Capacity: 7000.00 psig

Last Calib.: 2001.01.02

Start Time: 12:47:38

End Time:

20:05:21

Time On Btm: 2001.06.27 @ 14:39:36

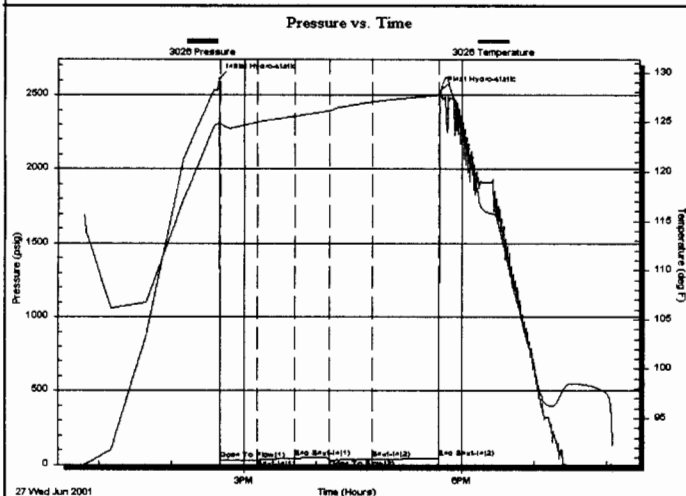
Time Off Btm: 2001.06.27 @ 17:42:06

TEST COMMENT: IF- weak surface blow died off in 13 min

IS- No blow back

FF- No blow

FS- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2608.25	124.86	Initial Hydro-static
1	27.70	124.85	Open To Flow (1)
32	33.27	125.00	Shut-In (1)
63	45.34	125.61	End Shut-In (1)
91	33.05	126.13	Open To Flow (2)
127	36.03	127.05	Shut-In (2)
182	44.26	127.74	End Shut-In (2)
183	2525.24	127.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drill mud 100%	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

OXY USA Inc

Peirce B #2

P.O Box 2528
Liberia KS 67905

31 27S 33W Haskell

Job Ticket: 14218

DST#: 1

ATTN: Vern Schrag

Test Start: 2001.06.27 @ 12:47:36

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Tool Information

Drill Pipe:	Length: 4596.00 ft	Diameter: 3.80 inches	Volume: 64.47 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 630.00 ft	Diameter: 2.25 inches	Volume: 3.10 bbl	Weight to Pull Loose: 116000.0 lb
		Total Volume: 67.57 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 96000.00 lb
Depth to Top Packer:	5220.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	109.00 ft			
Tool Length:	138.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			5196.00	
Sampler	3.00			5199.00	
HMV	5.00			5204.00	
Jars	5.00			5209.00	
Safety Joint	2.00			5211.00	
Packer	5.00			5216.00	29.00 Bottom Of Top Packer
Packer	4.00			5220.00	
Stubb	1.00			5221.00	
Recorder	0.00	3026	Inside	5221.00	
Perforations	5.00			5226.00	
C.O. Sub	1.00			5227.00	
Blank Spacing	93.00			5320.00	
C.O. Sub	1.00			5321.00	
Perforations	5.00			5326.00	
Bullnose	3.00			5329.00	109.00 Bottom Packers & Anchor

Total Tool Length: 138.00

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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

OXY USA Inc

Peirce B #2

P.O Box 2528

31 27S 33W Haskell

Liberia KS 67905

Job Ticket: 14218

DST#: 1

ATTN: Vern Schrag

Test Start: 2001.06.27 @ 12:47:36

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.36 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	Drilg mud 100%	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

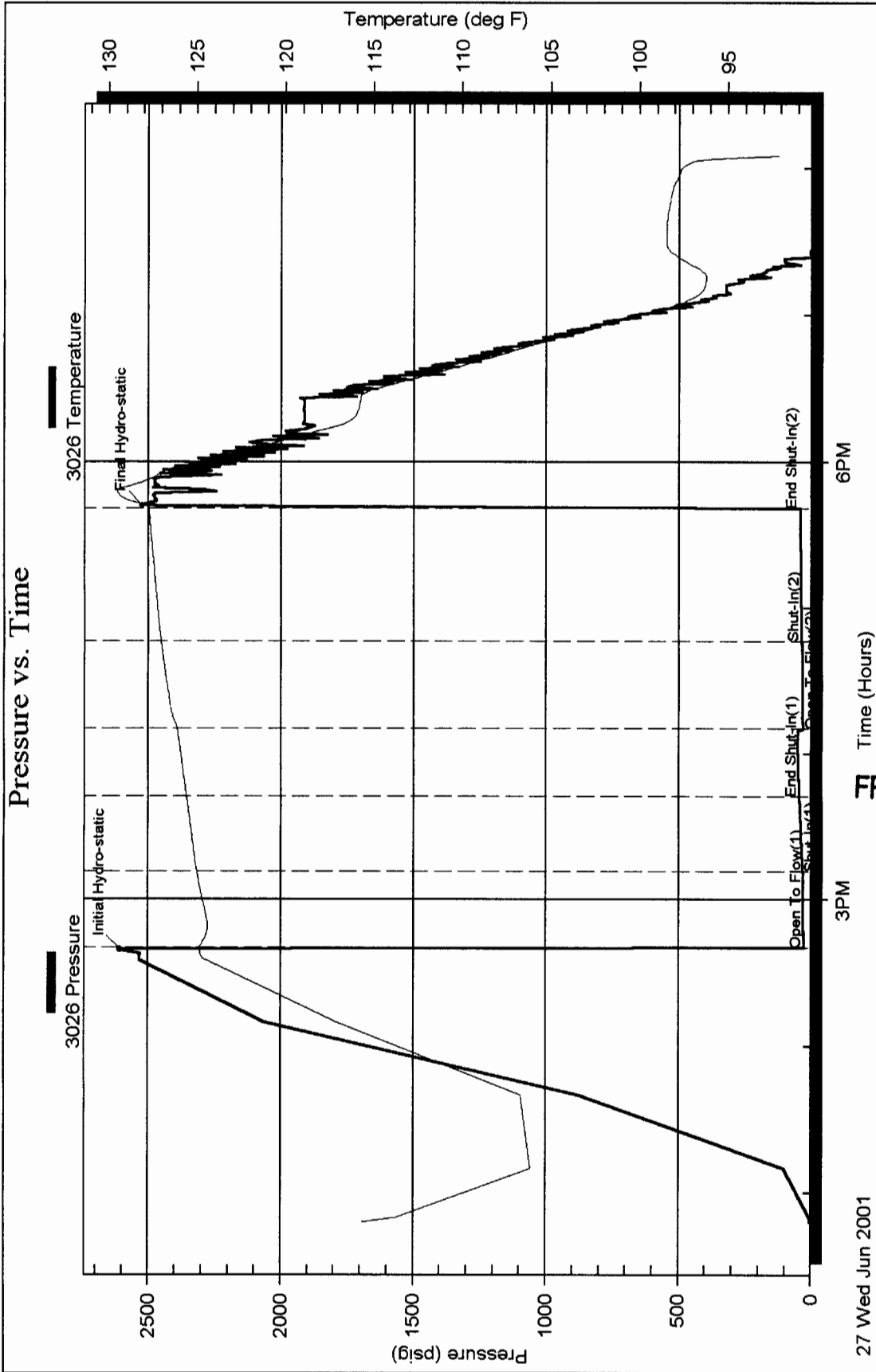
31 27S 33W Haskell

OXY USA Inc

Inside

Serial #: 3026

Pressure vs. Time



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Ref. No: 14218

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