

DRILL STEM TEST REPORT

Prepared For: **OXY USA Inc.**

Box 2528
Liberal Ks. 67905

ATTN: Marvin Harvey

28/27s/34

Williams G #1

Start Date: 2004.07.26 @ 21:00:42

End Date: 2004.07.27 @ 07:57:25

Job Ticket #: 20637 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

OXY USA Inc.

Williams G #1

28/27s/34

DST # 1

2004.07.26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

OXY USA Inc.

Williams G #1

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Job Ticket: 20637

DST#: 1

ATTN: Marvin Harvey

Test Start: 2004.07.26 @ 21:00:42

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:06:10

Time Test Ended: 07:57:25

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 5282.00 ft (KB) To 5375.00 ft (KB) (TVD)

Reference Elevations: 3052.00 ft (KB)

Total Depth: 5375.00 ft (KB) (TVD)

3042.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6769

Inside

Press@RunDepth: 33.76 psig @ 5348.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.07.26

End Date:

2004.07.27

Last Calib.: 1899.12.30

Start Time: 21:00:42

End Time:

07:57:25

Time On Btm: 2004.07.27 @ 00:05:40

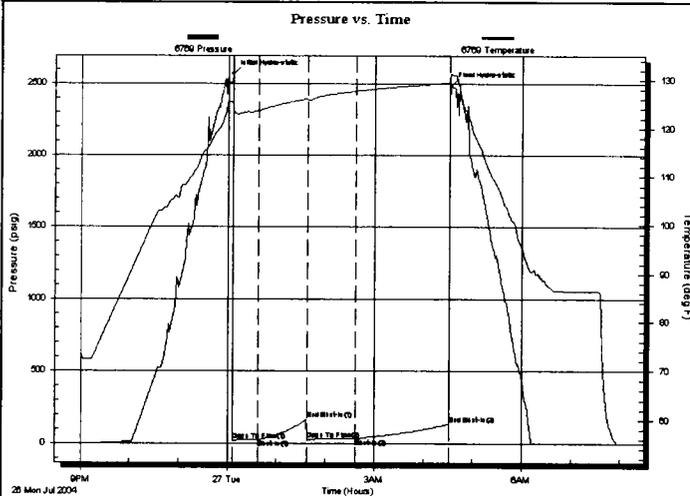
Time Off Btm: 2004.07.27 @ 04:33:10

TEST COMMENT: F- Weak surface blow, and died after 20 min.

FF- No blow back.

FF- No blow.

FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2567.88	124.96	Initial Hydro-static
1	21.66	123.91	Open To Flow (1)
32	27.53	123.67	Shut-In(1)
92	168.20	126.11	End Shut-In(1)
92	29.90	125.93	Open To Flow (2)
151	33.76	127.71	Shut-In(2)
266	137.06	129.48	End Shut-In(2)
268	2484.03	131.24	Final Hydro-static

Recovery

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

Gas Rates

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



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TESTING, INC.**

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TOOL DIAGRAM

OXY USA Inc.

Williams G #1

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28/27s/34

Job Ticket: 20637

DST#: 1

ATTN: Marvin Harvey

Test Start: 2004.07.26 @ 21:00:42

Tool Information

Drill Pipe:	Length: 4716.00 ft	Diameter: 3.80 inches	Volume: 66.15 bbl	Tool Weight: 2000.00 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: 555.00 ft	Diameter: 2.25 inches	Volume: 2.73 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume:	68.88 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	5282.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	2.00			5253.00	
Shut In Tool	5.00			5258.00	
Sampler	3.00			5261.00	
Hydraulic tool	5.00			5266.00	
Jars	5.00			5271.00	
Safety Joint	2.00			5273.00	
Packer	5.00			5278.00	31.00 Bottom Of Top Packer
Packer	4.00			5282.00	
Stubb	1.00			5283.00	
Perforations	1.00			5284.00	
Change Over Sub	1.00			5285.00	
Drill Pipe	62.00			5347.00	
Change Over Sub	1.00			5348.00	
Recorder	0.00	6769	Inside	5348.00	
Perforations	23.00			5371.00	
Recorder	0.00	6724	Outside	5371.00	
Bullnose	4.00			5375.00	93.00 Bottom Packers & Anchor
Total Tool Length:	124.00				



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FLUID SUMMARY

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DST#: 1

ATTN: Marvin Harvey

Test Start: 2004.07.26 @ 21:00:42

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:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.78 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
10.00	100% mud.	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: Sampler Data- 200 ML mud @ PSI did not get a reading to low. NO GAS, NO OIL.

Pressure vs. Time

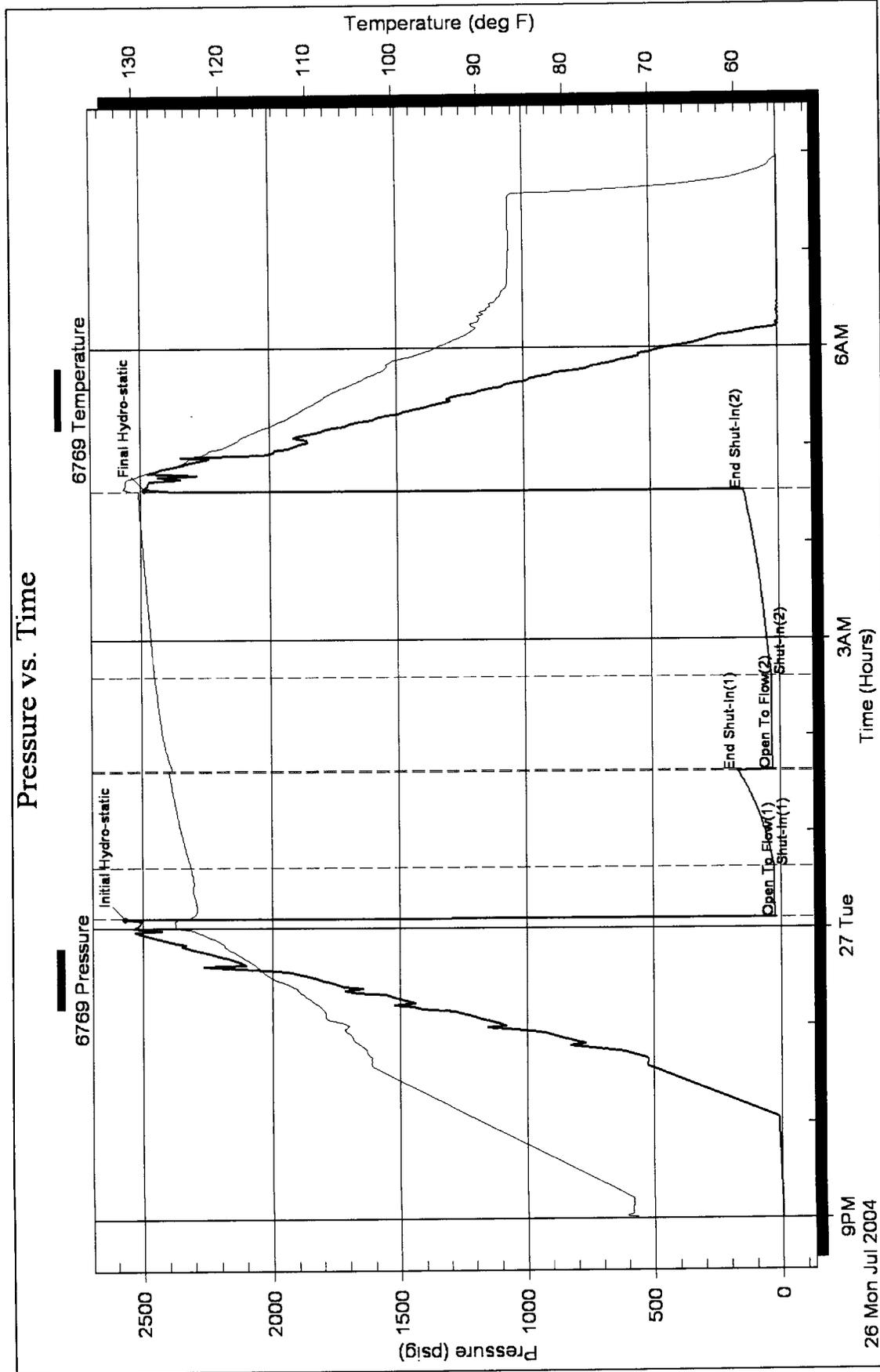


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

