

DRILL STEM TEST REPORT

Prepared For: **OXY USA Inc.**

P.O. Box 2528
Liberal KS 67905

ATTN: Tim Fredricks & Justi

17-34s-35 Stevens

DeCamp B #1

Start Date: 2005.04.13 @ 14:51:16

End Date: 2005.04.14 @ 01:54:16

Job Ticket #: 21821 DST #: 1

OXY USA Inc.

DeCamp B #1

17-34s-35 Stevens

DST # 1

Chester

2005.04.13

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

OXY USA Inc.

DeCamp B #1

P.O. Box 2528
Liberal KS 67905

17-34s-35 Stevens

Job Ticket: 21821 **DST#: 1**

ATTN: Tim Fredricks & Justial KS 67905

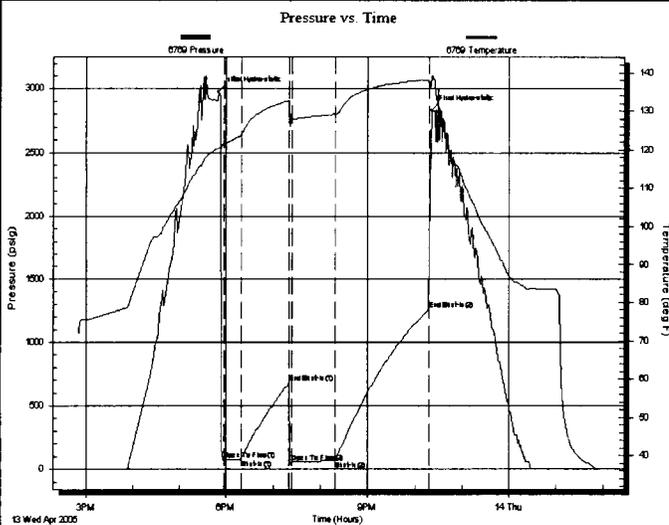
Test Start: 2005.04.13 @ 14:51:16

GENERAL INFORMATION:

Formation: **Chester**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: 17:56:31 Tester: **Harley Davidson**
 Time Test Ended: 01:54:16 Unit No: **33**
 Interval: **6208.00 ft (KB) To 6459.00 ft (KB) (TVD)** Reference Elevations: **3052.00 ft (KB)**
 Total Depth: **6459.00 ft (KB) (TVD)** **3043.00 ft (CF)**
 Hole Diameter: **7.78 inches** Hole Condition: **Fair** KB to GR/CF: **9.00 ft**

Serial #: 6769 **Inside**
 Press@RunDepth: **63.06 psig @ 6421.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2005.04.13** End Date: **2005.04.14** Last Calib.: **1899.12.30**
 Start Time: **14:51:18** End Time: **01:54:16** Time On Btm: **2005.04.13 @ 17:50:01**
 Time Off Btm: **2005.04.13 @ 22:21:16**

TEST COMMENT: IF- Good building blow, BOB 2min, No GTS.
 IS- No blow back.
 FF- BOB, ASAO, GTS 10min.
 FS- No blow back.



PRESSURE SUMMARY

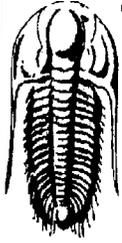
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2977.68	120.39	Initial Hydro-static
7	73.38	121.59	Open To Flow (1)
29	75.75	123.67	Shut-In (1)
91	678.37	132.71	End Shut-In (1)
94	49.22	127.70	Open To Flow (2)
150	63.06	129.25	Shut-In (2)
268	1257.01	138.18	End Shut-In (2)
272	2834.57	139.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	100% mud.	0.54

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	1.00	5.76
Last Gas Rate			
Max. Gas Rate	0.13	3.50	6.70



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TOOL DIAGRAM

OXY USA Inc.
P.O. Box 2528
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DeCamp B #1

17-34s-35 Stevens

Job Ticket: 21821

DST#: 1

ATTN: Tim Fredricks & Justial KS 67905

Test Start: 2005.04.13 @ 14:51:16

Tool Information

Drill Pipe:	Length: 5609.00 ft	Diameter: 3.80 inches	Volume: 78.68 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: 30000.00 lb
Drill Collar:	Length: 601.00 ft	Diameter: 2.25 inches	Volume: 2.96 bbl	Weight to Pull Loose: 120000.0 lb
			Total Volume: 81.64 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 120000.0 lb
Depth to Top Packer:	6208.00 ft			Final 120000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	254.00 ft			
Tool Length:	285.00 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			6179.00	
Shut In Tool	5.00			6184.00	
Sampler	3.00			6187.00	
Hydraulic tool	5.00			6192.00	
Jars	5.00			6197.00	
Safety Joint	2.00			6199.00	
Packer	5.00			6204.00	31.00 Bottom Of Top Packer
Packer	4.00			6208.00	
Stubb	1.00			6209.00	
Perforations	1.00			6210.00	
Change Over Sub	1.00			6211.00	
Drill Pipe	209.00			6420.00	
Change Over Sub	1.00			6421.00	
Recorder	0.00	6769	Inside	6421.00	
Perforations	37.00			6458.00	
Recorder	0.00	6724	Outside	6458.00	
Bullnose	4.00			6462.00	254.00 Bottom Packers & Anchor
Total Tool Length:	285.00				



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FLUID SUMMARY

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DeCamp B #1

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17-34s-35 Stevens

Job Ticket: 21821 **DST#: 1**

ATTN: Tim Fredricks & Justial KS 67905

Test Start: 2005.04.13 @ 14:51:16

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	100% mud.	0.541

Total Length: 110.00 ft Total Volume: 0.541 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: Sampler Data- 28 cf of gas @ 1000 psi.



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DRILL STEM TEST REPORT

GAS RATES

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DST#: 1

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Test Start: 2005.04.13 @ 14:51:16

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 ³ /d)
2	20	0.13	1.00	5.76
2	30	0.13	2.00	6.14
2	40	0.13	2.50	6.33
2	50	0.13	3.00	6.51
2	60	0.13	3.50	6.70
0	-	-999999.00	-999999.00	-999999.00

Serial #: 6769

Inside

OXY USA Inc.

17-34s-35 Stevens

DST Test Number: 1

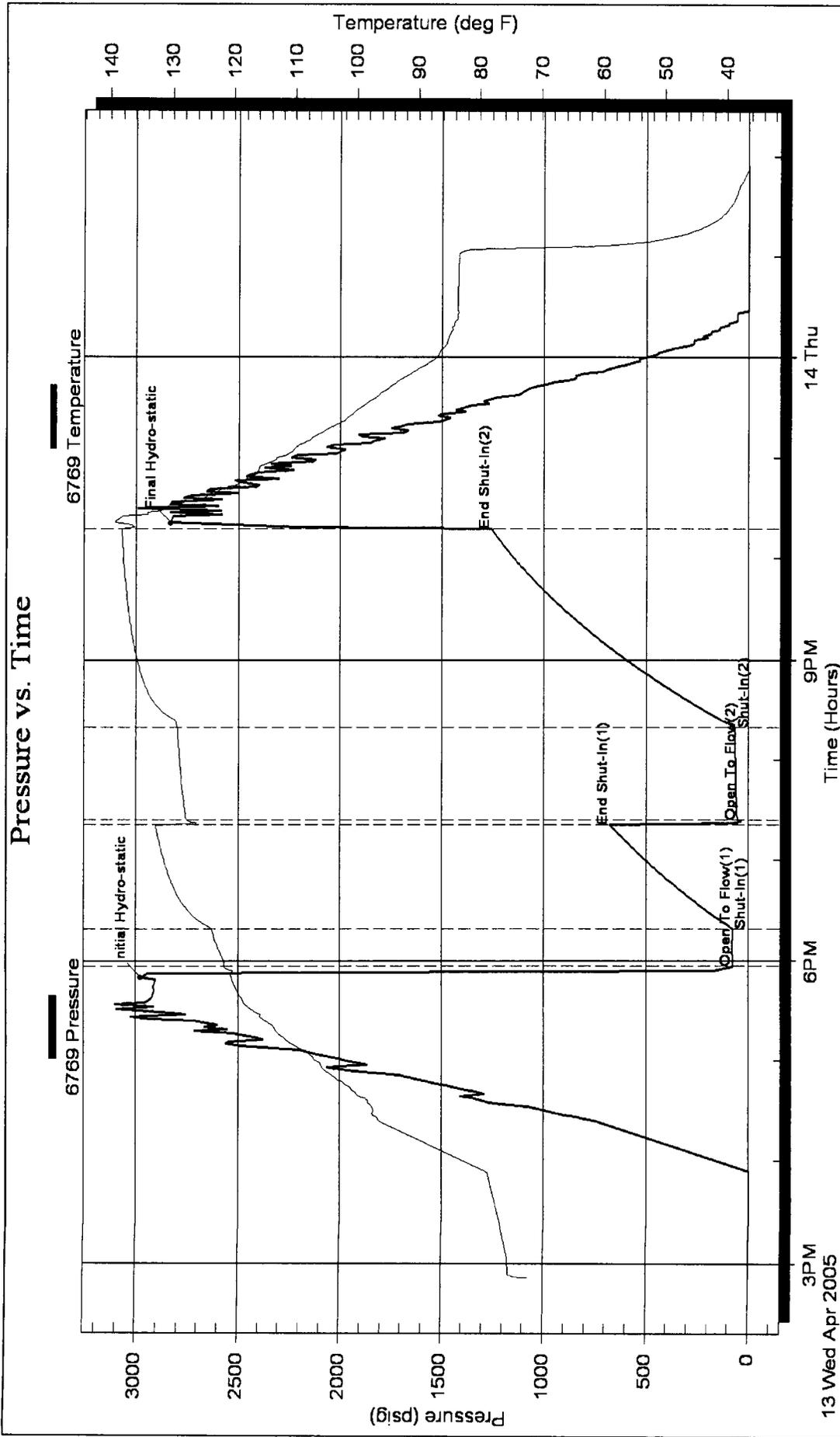


CHART PAGE

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

