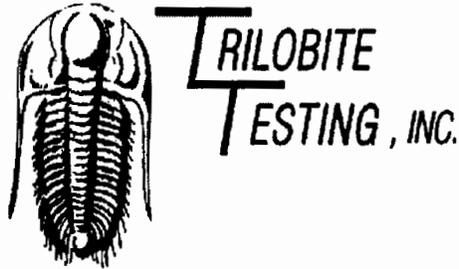


15-081-21652

16-30s-32w



DRILL STEM TEST REPORT

Prepared For: **Presco Western LLC**

5480 Valmont Ste 350
Boulder CO 80301

ATTN: Mike Dodge

16 30 32 Haskell KS

E Hall 6P

Start Date: 2006.04.03 @ 23:10:00

End Date: 2006.04.04 @ 10:47:19

Job Ticket #: 22304 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Presco Western LLC

E Hall 6P

16 30 32 Haskell KS

DST # 1

KC B

2006.04.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Presco Western LLC

E Hall 6P

5480 Valmont Ste 350
Boulder CO 80301

16 30 32 Haskell KS

ATTN: Mike Dodge

Job Ticket: 22304

DST#: 1

Test Start: 2006.04.03 @ 23:10:00

GENERAL INFORMATION:

Formation: **KC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:50:09

Time Test Ended: 10:47:19

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **4712.00 ft (KB) To 4755.00 ft (KB) (TVD)**

Reference Elevations: 2887.00 ft (KB)

Total Depth: 5755.00 ft (KB) (TVD)

2877.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 343.87 psig @ 4714.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.04.03

End Date:

2006.04.04

Last Calib.: 1899.12.30

Start Time: 23:10:00

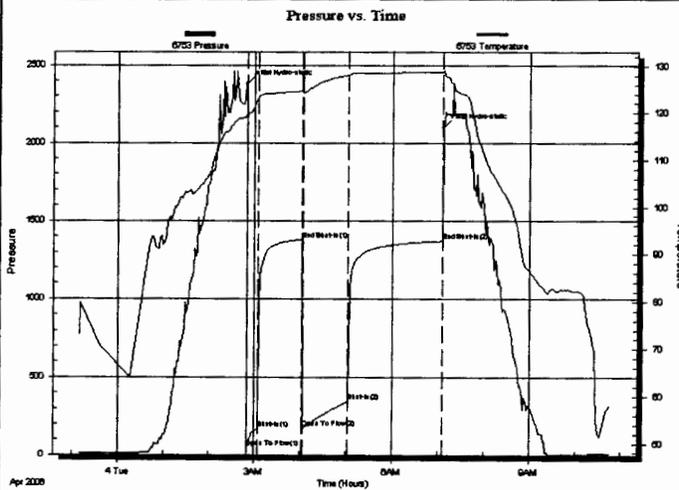
End Time:

10:47:19

Time On Btrc: 2006.04.04 @ 02:49:30

Time Off Btrc: 2006.04.04 @ 07:06:30

TEST COMMENT: F BOB 15 min strong building blow
ISI No blow back
FF BOB 20 min strong building blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2380.55	119.73	Initial Hydro-static
1	45.44	119.18	Open To Flow (1)
16	168.37	123.05	Shut-In (1)
74	1378.15	124.67	End Shut-In (1)
75	173.34	124.33	Open To Flow (2)
134	343.87	128.07	Shut-In (2)
257	1367.86	128.75	End Shut-In (2)
257	2098.79	129.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	95%W 5%M	3.84
248.00	40%W 60%M	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Presco Western LLC

E Hall 6P

5480 Valmont Ste 350
Boulder CO 80301

16 30 32 Haskell KS

Job Ticket: 22304

DST#: 1

ATTN: Mike Dodge

Test Start: 2006.04.03 @ 23:10:00

Tool Information

Drill Pipe:	Length: 4450.00 ft	Diameter: 3.80 inches	Volume: 62.42 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: 20000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 63.63 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4712.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	74.00 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	1.00			4682.00	
Shut In Tool	5.00			4687.00	
Sampler	3.00			4690.00	
Hydraulic tool	5.00			4695.00	
Jars	5.00			4700.00	
Safety Joint	3.00			4703.00	
Packer	5.00			4708.00	31.00 Bottom Of Top Packer
Packer	4.00			4712.00	
Stubb	1.00			4713.00	
Perforations	1.00			4714.00	
Recorder	0.00	6753	Inside	4714.00	
Change Over Sub	1.00			4715.00	
Drill Pipe	31.00			4746.00	
Change Over Sub	1.00			4747.00	
Perforations	5.00			4752.00	
Recorder	0.00	13630	Inside	4752.00	
Bullnose	3.00			4755.00	43.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Presco Western LLC

E Hall 6P

5480 Valmont Ste 350
Boulder CO 80301

16 30 32 Haskell KS

Job Ticket: 22304

DST#: 1

ATTN: Mike Dodge

Test Start: 2006.04.03 @ 23:10:00

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:

150000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
434.00	95%W 5%M	3.838
248.00	40%W 60%M	3.479

Total Length: 682.00 ft Total Volume: 7.317 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler=4000ml water @ 160 psi
RW=.068 @ 60F=150000ppm

Serial #: 6753

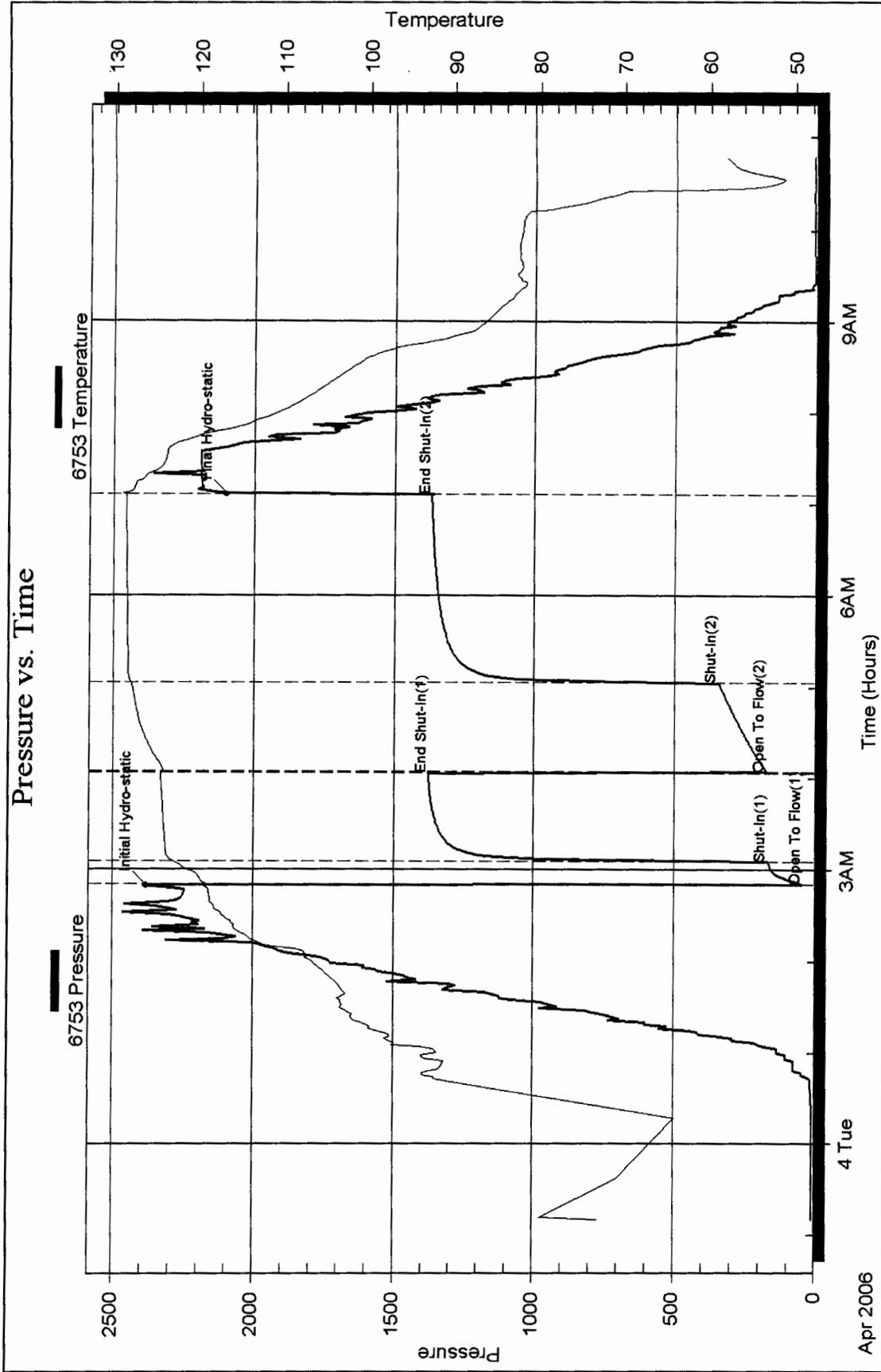
Inside

Presco Western LLC

16 30 32 Haskell KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Presco Western LLC**

5480 Valmont Ste 350
Boulder CO 80301

ATTN: Mike Dodge

16 30 32 Haskell KS

E Hall 6P

Start Date: 2006.04.06 @ 09:08:50

End Date: 2006.04.06 @ 19:50:29

Job Ticket #: 22305 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILLOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Presco Western LLC

E Hall 6P

5480 Valmont Ste 350
Boulder CO 80301

16 30 32 Haskell KS

Job Ticket: 22305

DST#: 2

ATTN: Mike Dodge

Test Start: 2006.04.06 @ 09:08:50

GENERAL INFORMATION:

Formation: **Atoka - U. Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:58:29

Time Test Ended: 19:50:29

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **5262.00 ft (KB) To 5380.00 ft (KB) (TVD)**

Reference Elevations: 2887.00 ft (KB)

Total Depth: 5380.00 ft (KB) (TVD)

2877.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6753 Inside

Press@RunDepth: 81.23 psig @ 5264.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.04.06

End Date:

2006.04.06

Last Calib.: 1899.12.30

Start Time: 09:08:50

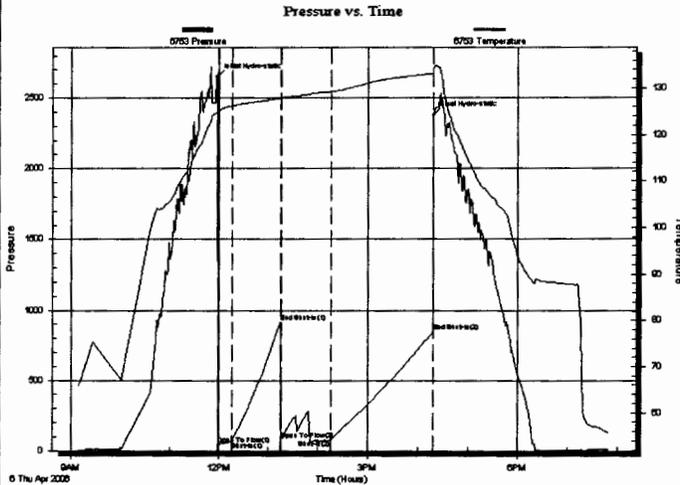
End Time:

19:50:30

Time On Btm: 2006.04.06 @ 11:57:10

Time Off Btm: 2006.04.06 @ 16:18:10

TEST COMMENT: IF BOB 15 min strong building Blow
ISI No Blow back
FF BOB ASAO strong steady Blow
FSI No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2650.73	124.80	Initial Hydro-static
2	47.46	124.43	Open To Flow (1)
18	66.41	126.17	Shut-In (1)
78	915.24	127.80	End Shut-In (1)
78	82.77	127.75	Open To Flow (2)
139	81.23	129.27	Shut-In (2)
261	847.16	133.09	End Shut-In (2)
262	2377.84	133.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
216.00	17%G 1%O 2%W 80%M	1.06

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Presco Western LLC

E Hall 6P

5480 Valmont Ste 350
Boulder CO 80301

16 30 32 Haskell KS

Job Ticket: 22305

DST#: 2

ATTN: Mike Dodge

Test Start: 2006.04.06 @ 09:08:50

Tool Information

Drill Pipe:	Length: 5012.00 ft	Diameter: 3.80 inches	Volume: 70.31 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: 20000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 71.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	5262.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	118.00 ft			
Tool Length:	149.00 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	1.00			5232.00	
Shut In Tool	5.00			5237.00	
Sampler	3.00			5240.00	
Hydraulic tool	5.00			5245.00	
Jars	5.00			5250.00	
Safety Joint	3.00			5253.00	
Packer	5.00			5258.00	31.00 Bottom Of Top Packer
Packer	4.00			5262.00	
Stubb	1.00			5263.00	
Perforations	1.00			5264.00	
Recorder	0.00	6753	Inside	5264.00	
Change Over Sub	1.00			5265.00	
Drill Pipe	93.00			5358.00	
Change Over Sub	1.00			5359.00	
Perforations	18.00			5377.00	
Recorder	0.00	13630	Inside	5377.00	
Bullnose	3.00			5380.00	118.00 Bottom Packers & Anchor
Total Tool Length:	149.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Presco Western LLC

E Hall 6P

5480 Valmont Ste 350
Boulder CO 80301

16 30 32 Haskell KS

Job Ticket: 22305

DST#: 2

ATTN: Mike Dodge

Test Start: 2006.04.06 @ 09:08:50

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:

8750 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
216.00	17%G 1%O 2%W 80%M	1.062

Total Length: 216.00 ft Total Volume: 1.062 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

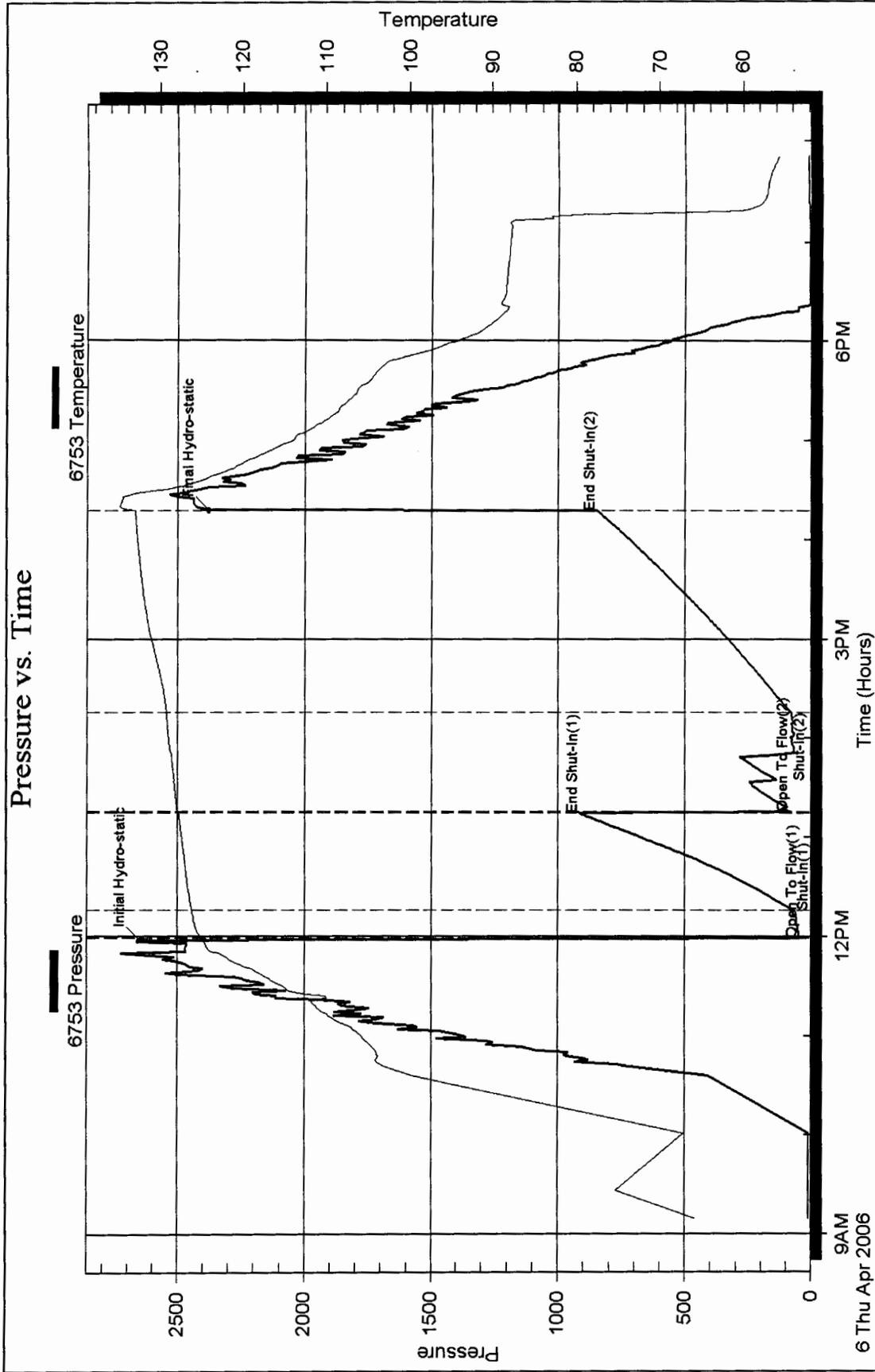
Serial #:

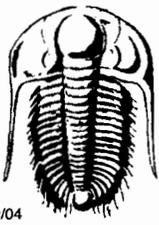
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.756 @ 65F=8750ppm

Sampler=3.7CF Gas @ 650psi, 2000 ml GOCWM





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8610
No 22304

Test Ticket

Well Name & No. E Hall 6-P Test No. 1 Date 4-3-06
 Company Presco Western, LLC Zone Tested KC B
 Address 5480 Valmont, Suite 350 Boulder, CO 80304 Elevation 2887 KB 2877 GL
 Co. Rep / Geo. Mike Dodge Cont. Murfin 22 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 30 Rge. 32 Co. Haskell State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested ~~4755~~ 4712-4755 Initial Str Wt./Lbs. 68K Unseated Str Wt/Lbs. 71K
 Anchor Length ~~4712~~ 43' Wt. Set Lbs. 20K Wt. Pulled Loose/Lbs. 75K
 Top Packer Depth ~~4712~~ 4707 Tool Weight 2K
 Bottom Packer Depth 4712 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4755 Wt. Pipe Run N.A. Drill Collar Run 247
 Mud Wt. 9.2 LCM 4# Vis. 43 WL 8.8 Drill Pipe Size 4.5 XH Ft. Run 4450
 Blow Description FF: BOB 15 min., strong building blow
1st: No blow back
FF: BOB 20 min., strong building blow
1st: No blow back

Recovery - Total Feet 682 GIP 0 Ft. in DC 247 Ft. in DP 435
 Rec. 248 Feet of watery mud %gas _____ %oil _____ %water 40 %mud 60
 Rec. 434 Feet of muddy water %gas _____ %oil _____ %water 95 %mud 5
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 129 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .064 @ 60 °F Chlorides 150,000 ppm Recovery 150,000 Chlorides 2000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2469</u> PSI		<u>6753 (11:10)</u>	<u>CCM</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>45</u> PSI		(depth) <u>4714</u>	Jars <u>250</u>
(C) First Final Flow Pressure	<u>168</u> PSI		Recorder No. <u>13630</u>	Safety Jt. <u>75</u>
(D) Initial Shut-In Pressure	<u>1378</u> PSI		(depth) <u>4752</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>173</u> PSI		Recorder No. _____	Sampler <u>250</u>
(F) Second Final Flow Pressure	<u>344</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1368</u> PSI	Initial Opening <u>15</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2194</u> PSI	Initial Shut-In <u>60</u>		Shale Packer _____
		Final Flow <u>60</u>		Ruined Packer _____
		Final Shut-In <u>120</u>		Mileage <u>90</u> <u>112.50</u>
		T-On Location <u>2100</u>		Sub Total: <u>1788</u> <u>1787.50</u>
		T-Started 2330 <u>2330</u>		Std. By <u>4.5</u> <u>200.00</u>
		T-Open <u>0250</u>		Other _____
		T-Pulled <u>0705</u>		Total: <u>2025</u> <u>2025.00</u>
		T-Out <u>1030</u>		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Mike Dodge
 Our Representative [Signature]



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 22304 Date 4-3-06
 Company Name Presco Western
 Lease EHall 6-P Test No. 1
 County Haskell, KS Sec. 16 Twp. 30 Rng. 32

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas <u>0</u> ML	Chlorides <u>2000</u> ppm.
Oil <u>0</u> ML	Resistivity _____ ohms @ _____ F
Mud <u>0</u> ML	Viscosity <u>43</u>
Water <u>4000</u> ML	Mud Weight <u>9.2</u>
Other <u>0</u> ML	Filtrate <u>8.8</u>
Pressure <u>160 PSI</u> ML	Other <u>4" LCM</u>
Total <u>4000</u> ML	

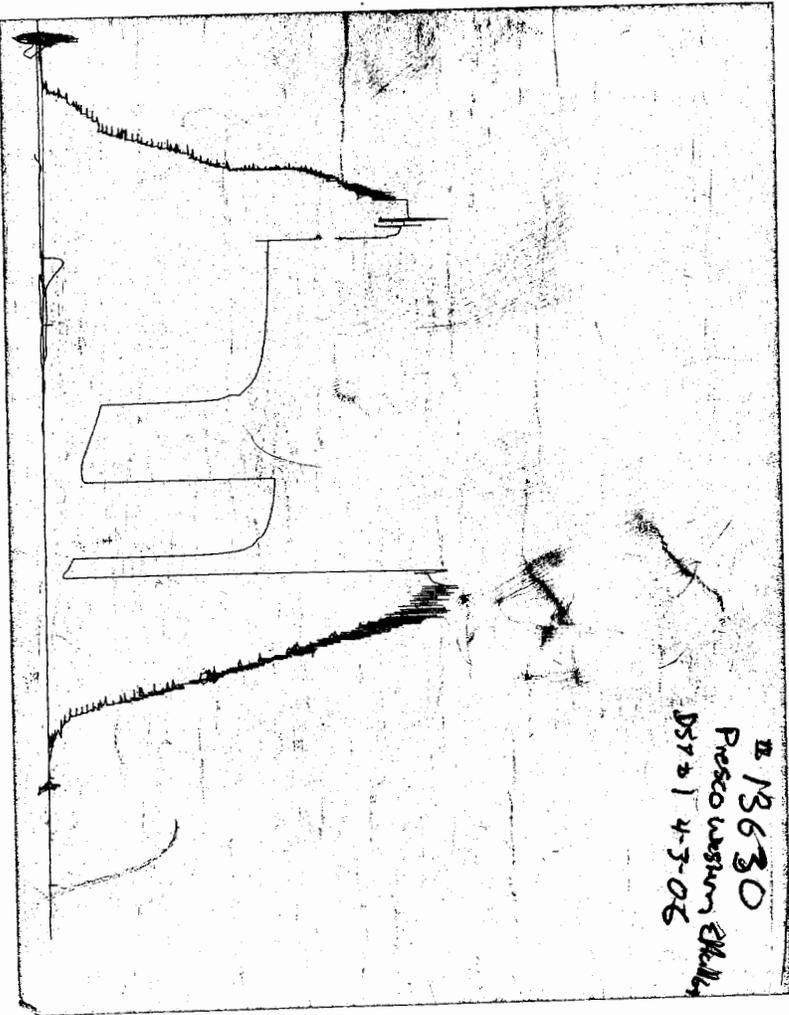
SAMPLER ANALYSIS

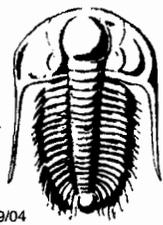
PIPE RECOVERY

Resistivity <u>.068</u> ohms @ <u>60</u> F	TOP
Chlorides <u>150,000</u> ppm.	Resistivity <u>.064</u> ohms @ <u>60</u> F
	Chlorides <u>150,000</u> ppm.
Gravity _____ corrected @ 60F	MIDDLE
	Resistivity _____ ohms @ _____ F
	Chlorides _____ ppm.
	BOTTOM
	Resistivity _____ ohms @ _____ F
	Chlorides _____ ppm.

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22305

Test Ticket

Well Name & No. E Hall G-P Test No. 2 Date 4-6-06
 Company Presco Western, LLC Zone Tested Arka-U. Morrow
 Address 5480 Valmont, Suite #350 Boulder, CO 80301 Elevation 2887 KB 2877 GL
 Co. Rep / Geo. Mike Dodge Cont. Murfin 22 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 30 Rge. 32 Co. Haskell State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5262-5380 Initial Str Wt./Lbs. 75K Unseated Str Wt./Lbs. 77K
 Anchor Length 118' Wt. Set Lbs. 20K Wt. Pulled Loose/Lbs. 85K
 Top Packer Depth 5257 Tool Weight 2K
 Bottom Packer Depth 5262 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 5380 Wt. Pipe Run N.A. Drill Collar Run 247
 Mud Wt. 9.2 LCM 4# Vis. 55 WL 8.8 Drill Pipe Size 4.5 x H Ft. Run 5012

Blow Description IF: BOB 15 min, strong building blow
IS: No blow back
FF: BOB ASAO, strong steady blow
ES: No blow back

Recovery - Total Feet 216 GIP 0 Ft. in DC 216 Ft. in DP 0
 Rec. 216 Feet of gas + oil cut w/ky mud 17 %gas 1 %oil 2 %water 80 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 133 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .756 @ 65 °F Chlorides 8750 ppm Recovery _____ Chlorides 3100 ppm System

	AK-1	Alpine	Recorder No.	Test	
(A) Initial Hydrostatic Mud	2651	PSI	6753 (9:07)	✓	1200
(B) First Initial Flow Pressure	47	PSI	(depth) 5264	Jars ✓	250
(C) First Final Flow Pressure	66	PSI	Recorder No. 13630	Safety Jt. ✓	75
(D) Initial Shut-In Pressure	915	PSI	(depth) 5377	Circ Sub	
(E) Second Initial Flow Pressure	83	PSI	Recorder No.	Sampler ✓	250
(F) Second Final Flow Pressure	81	PSI	(depth)	Straddle	
(G) Final Shut-In Pressure	847	PSI	Initial Opening 15	Ext. Packer	
(Q) Final Hydrostatic Mud	2427	PSI	Initial Shut-In 60	Shale Packer	
			Final Flow 60	Ruined Packer	
			Final Shut-In 120	Mileage ✓ x 90	112.50
			T-On Location 0900	Sub Total: 1888	1887.50
			T-Started 0945	Std. By x.5	25
			T-Open 1200	Other ✓ 24 hr. Standby	500
			T-Pulled 1615	Total: 1888	
			T-Out 0930		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By T. Michael Dodge
 Our Representative [Signature]

Total: 2412.50



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 22305 Date 4-6-06

Company Name Presco Western

Lease E Hall 6-P Test No. 2

County Haskell, KS Sec. 16 Twp. 30 Rng. 32

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas 3.7 CF ML Chlorides 3100 ppm.

Oil _____ ML Resistivity _____ ohms @ _____ F

Mud 2000 44%G, 39%O, 38%W, 50%M ML Viscosity 55

Water _____ ML Mud Weight 9.2

Other _____ ML Filtrate 8.8

Pressure 650 psi ML Other 4# LCM

Total 2000 ML _____

SAMPLER ANALYSIS

PIPE RECOVERY

Resistivity .756 ohms @ 65 F

Chlorides 8750 ppm.

Gravity _____ corrected @60F

TOP

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

MIDDLE

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

BOTTOM

Resistivity _____ ohms @ _____ F

Chlorides _____ ppm.

CHART PAGE

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

