

DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S. Main
Ste 200
Wichita, KS 67202

ATTN: Glenna Lowe

2-18s-24w Ness,KS

Melody #2

Start Date: 2011.08.23 @ 06:15:41

End Date: 2011.08.23 @ 16:11:36

Job Ticket #: 43450 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

ORIGINAL

Printed: 2011.08.30 @ 16:42:53 Page 1

Trans Pacific Oil Corp

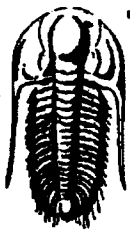
Melody #2

2-18s-24w Ness,KS

DST # 1

Cher Sd

2011.08.23



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S. Main
Ste 200
Wichita, KS 67202
ATTN: Glenna Lowe

Melody #2

2-18s-24w Ness, KS

Job Ticket: 43450

DST#: 1

Test Start: 2011.08.23 @ 06:15:41

GENERAL INFORMATION:

Formation: **Cher Sd**

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

Time Tool Opened: 09:05:06

Time Test Ended: 16:11:36

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **4318.00 ft (KB) To 4360.00 ft (KB) (TVD)**

Total Depth: **4360.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2360.00 ft (KB)**

2351.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6625

Inside

Press@RunDepth: **391.32 psig @ 4326.00 ft (KB)**

Start Date: **2011.08.23**

End Date:

2011.08.23

Start Time: **06:15:41**

End Time:

16:11:36

Capacity: **8000.00 psig**

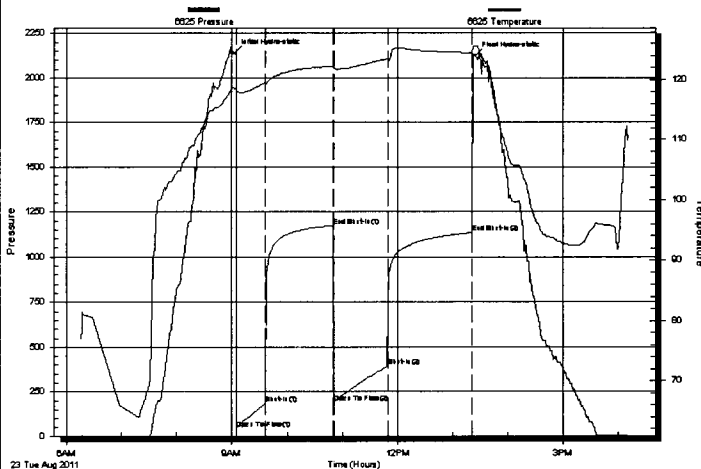
Last Calib.: **2011.08.23**

Time On Btm: **2011.08.23 @ 09:02:36**

Time Off Btm: **2011.08.23 @ 13:24:35**

TEST COMMENT: 30-IFP-wk to strg in 7 min
75-ISIP-1"bl bk
60-FFP-wk to strg in 7 min
90-FSIP-surface bl bk

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.91	118.61	Initial Hydro-static
3	44.33	118.10	Open To Flow (1)
34	182.35	119.50	Shut-In(1)
108	1173.54	122.21	End Shut-In(1)
108	189.39	122.00	Open To Flow (2)
167	391.32	123.49	Shut-In(2)
258	1133.15	124.46	End Shut-In(2)
262	2123.33	125.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
810.00	CO	11.36
145.00	MGO 30%G5%M65%O	2.03
62.00	MGO 30%G10%M60%O	0.87
0.00	400'GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corp

Melody #2

100 S. Main
Ste 200
Wichita, KS 67202
ATTN: Glenna Lowe

2-18s-24w Ness,KS

Job Ticket: 43450

DST#: 1

Test Start: 2011.08.23 @ 06:15:41

Tool Information

Drill Pipe:	Length: 4321.00 ft	Diameter: 3.80 inches	Volume: 60.61 bbl	Tool Weight:	2200.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	60.61 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4318.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	70.00 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			4291.00	
Shut In Tool	5.00			4296.00	
Hydraulic tool	5.00			4301.00	
Jars	5.00			4306.00	
Safety Joint	2.00			4308.00	
Packer	5.00			4313.00	28.00 Bottom Of Top Packer
Packer	5.00			4318.00	
Stubb	1.00			4319.00	
Perforations	7.00			4326.00	
Recorder	0.00	6625	Inside	4326.00	
Recorder	0.00	8700	Outside	4326.00	
Blank Spacing	31.00			4357.00	
Bullnose	3.00			4360.00	42.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil Corp

Melody #2

100 S. Main
Ste 200
Wichita, KS 67202

2-18s-24w Ness,KS

Job Ticket: 43450

DST#: 1

ATTN: Glenna Lowe

Test Start: 2011.08.23 @ 06:15:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
810.00	CO	11.362
145.00	MGO 30%G5%M65%O	2.034
62.00	MGO 30%G10%M60%O	0.870
0.00	400'GIP	0.000

Total Length: 1017.00 ft

Total Volume: 14.266 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

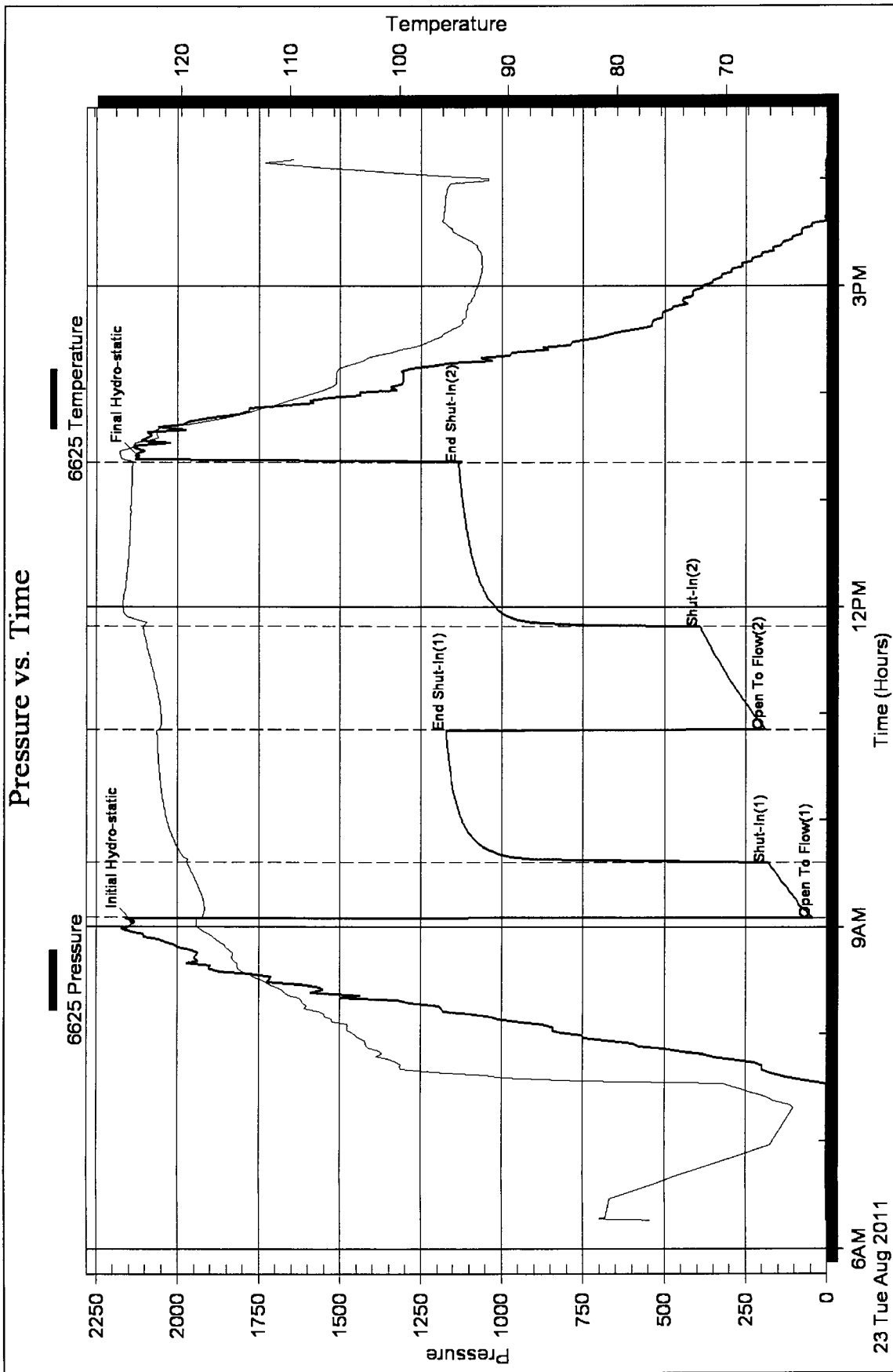
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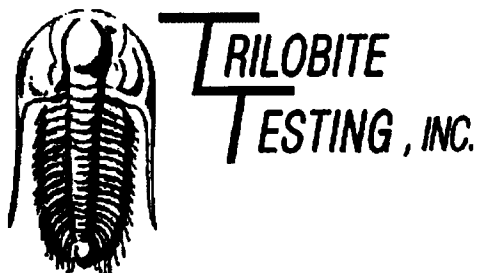
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corp**

100 S. Main
Ste 200
Wichita, KS 67202

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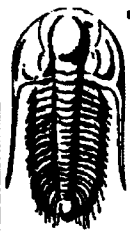
Melody #2

Start Date: 2011.08.24 @ 00:05:58

End Date: 2011.08.24 @ 09:36:23

Job Ticket #: 44551 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Trans Pacific Oil Corp

100 S. Main
Ste 200
Wichita, KS 67202
ATTN: Glenna Lowe

Melody #2

2-18s-24w Ness,KS

Job Ticket: 44551

DST#: 2

Test Start: 2011.08.24 @ 00:05:58

GENERAL INFORMATION:

Formation: **Cher Sd**

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

Time Tool Opened: 02:07:23

Time Test Ended: 09:36:23

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **4367.00 ft (KB) To 4380.00 ft (KB) (TVD)**

Total Depth: **4380.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2360.00 ft (KB)**

2351.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6625

Inside

Press@RunDepth: **328.16 psig @ 4372.00 ft (KB)**

Start Date: **2011.08.24**

End Date:

2011.08.24

Capacity: **8000.00 psig**

Last Calib.: **2011.08.24**

Start Time: **00:05:58**

End Time:

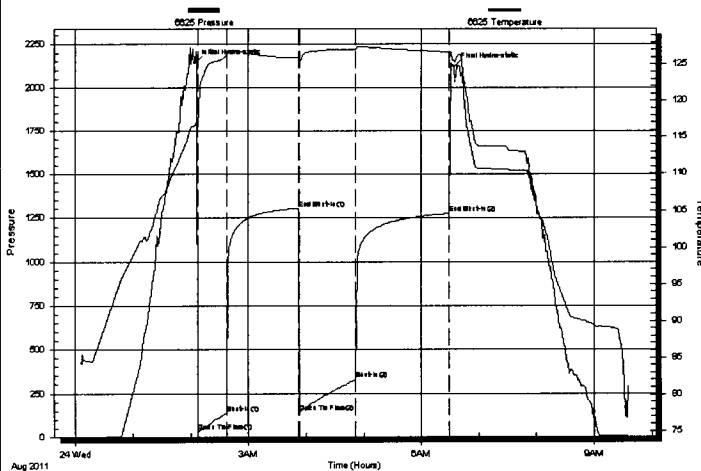
09:36:23

Time On Btm: **2011.08.24 @ 02:04:23**

Time Off Btm: **2011.08.24 @ 06:33:52**

TEST COMMENT: 30-IFP-w k to strg in 14 min
75-ISIP-no bl bk
60-FFP-w k to strg in 16 min
90-FSIP-no bl bk

Pressure vs. Time



PRESSURE SUMMARY

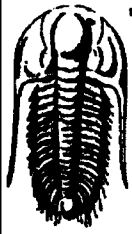
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.51	116.48	Initial Hydro-static
3	29.54	116.42	Open To Flow (1)
33	138.88	126.23	Shut-In(1)
108	1304.32	125.87	End Shut-In(1)
109	143.93	125.42	Open To Flow (2)
168	328.16	127.04	Shut-In(2)
265	1274.15	126.57	End Shut-In(2)
270	2120.25	125.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	80'GIP	0.00
145.00	CO	2.03
20.00	SOOMW 5%O30%M65%W	0.28
558.00	Water	7.83

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corp

Melody #2

100 S. Main
Ste 200
Wichita, KS 67202
ATTN: Glenna Lowe

2-18s-24w Ness,KS

Job Ticket: 44551

DST#: 2

Test Start: 2011.08.24 @ 00:05:58

Tool Information

Drill Pipe:	Length: 4351.00 ft	Diameter: 3.80 inches	Volume: 61.03 bbl	Tool Weight:	2200.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	61.03 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4367.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	41.00 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			4340.00	
Shut In Tool	5.00			4345.00	
Hydraulic tool	5.00			4350.00	
Jars	5.00			4355.00	
Safety Joint	2.00			4357.00	
Packer	5.00			4362.00	28.00 Bottom Of Top Packer
Packer	5.00			4367.00	
Stubb	1.00			4368.00	
Perforations	4.00			4372.00	
Recorder	0.00	6625	Inside	4372.00	
Recorder	0.00	8700	Outside	4372.00	
Perforations	5.00			4377.00	
Bullnose	3.00			4380.00	13.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

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Melody #2

100 S. Main
Ste 200
Wichita, KS 67202
ATTN: Glenna Lowe

2-18s-24w Ness, KS

Job Ticket: 44551

DST#: 2

Test Start: 2011.08.24 @ 00:05:58

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 9.54 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 40 deg API

Water Salinity: 25000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	80'GIP	0.000
145.00	CO	2.034
20.00	SOCMW 5%O30%MB5%W	0.281
558.00	Water	7.827

Total Length: 723.00 ft Total Volume: 10.142 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

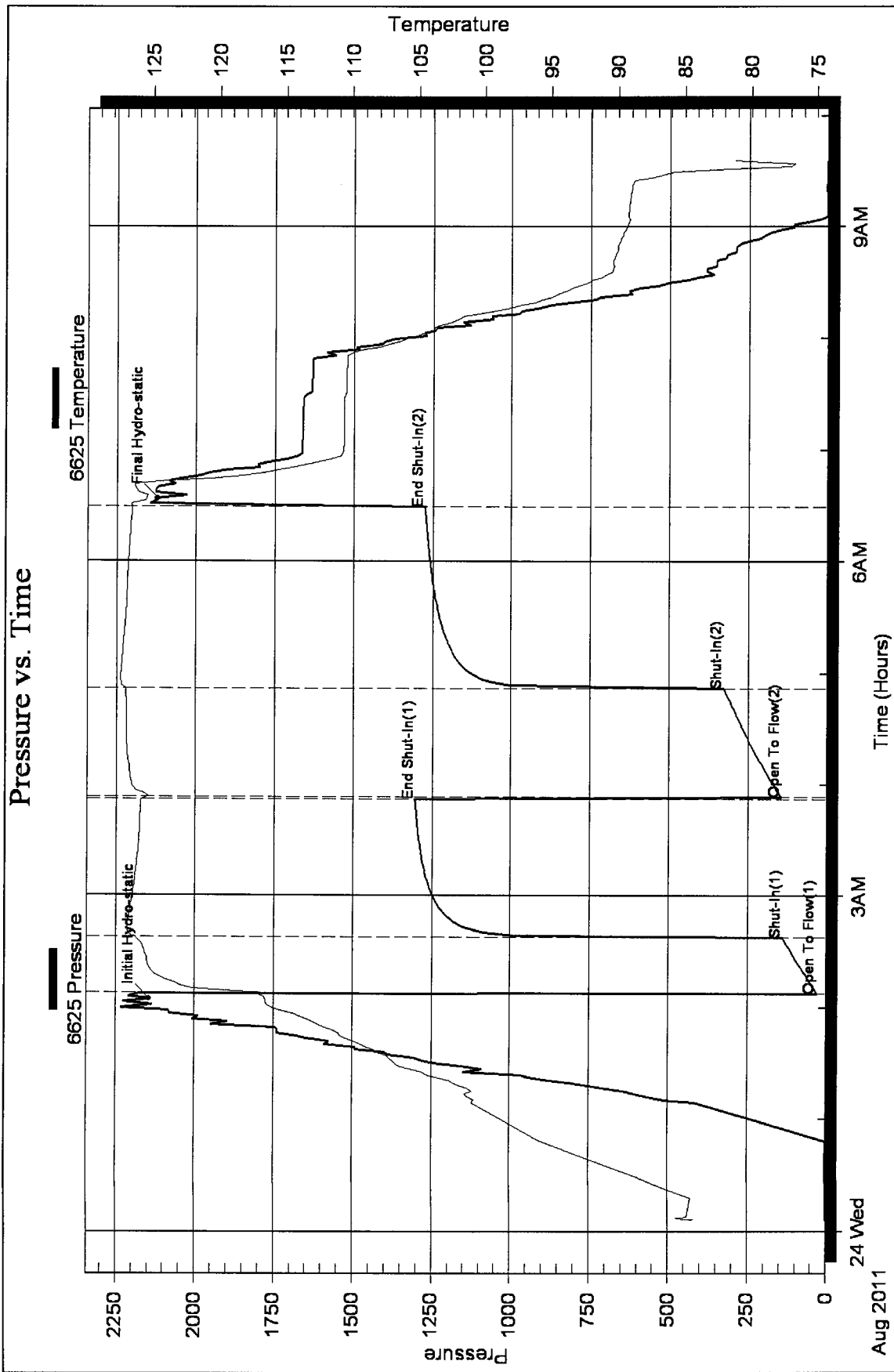
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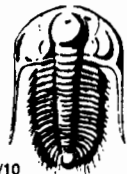
Laboratory Name:

Laboratory Location:

Recovery Comments: RW.31 @ 60F

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43450

4/10

Well Name & No. Melody #2 Test No. 1 Date 8-23-11
 Company TRANS PACIFIC OIL CORP. Elevation 2360 KB 2351 GL
 Address 100 S. MAIN, STE 200, WICHITA, KS 67
 Co. Rep / Geo. Beth Isern & Christina Goodrich Rig Ouke rig 4
 Location: Sec. 2 Twp. 18^s Rge. 24^w Co. Ness State Ks

Interval Tested 4318-4360 Zone Tested Cher sd
 Anchor Length 42 Drill Pipe Run 4321 Mud Wt. 9.5
 Top Packer Depth 4313 Drill Collars Run - Vis 48
 Bottom Packer Depth 4318 Wt. Pipe Run - WL 6.4
 Total Depth 4360 Chlorides 4200 ppm System LCM -

Blow Description IFP - WEAK TO STRONG IN 7min
ISIP - 1" Blow Back
FFP - WEAK TO STRONG IN 7min
FSIP - SURFACE BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>400</u>	<u>GIP</u>				
<u>810</u>	<u>Co</u>				
<u>145</u>	<u>MGO</u>	<u>30</u>	<u>65</u>		<u>5</u>
<u>62</u>	<u>MGO</u>	<u>30</u>	<u>60</u>		<u>10</u>

Rec Total 1017 BHT 124 Gravity 40 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2136
 (B) First Initial Flow 44
 (C) First Final Flow 182
 (D) Initial Shut-In 1123
 (E) Second Initial Flow 189
 (F) Second Final Flow 391
 (G) Final Shut-In 1133
 (H) Final Hydrostatic 2123

☒ Test 1225-
☒ Jars 250-
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby 1/2 hr 50-
☒ Mileage 135 RT 189^{oe}

T-On Location 0500
 T-Started 0615
 T-Open 0910
 T-Pulled 1325
 T-Out 1611
 Comments

Initial Open 30
 Initial Shut-In 75
 Final Flow 60
 Final Shut-In 90

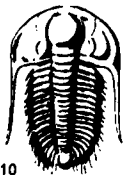
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 0
 Total 1789

Approved By [Signature]

Our Representative Ray Schwaner Thank you

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 44552

Well Name & No. Melody #2 Test No. 2 Date 8-23-11
Company TRANS PACIFIC OIL CORP Elevation 2360 KB 2351 GL
Address 100 S. MAIN, STE 200 WICHITA, KS 67202-3735
Co. Rep / Geo. CRISTINA, BETH Rig Duke rig 4
Location: Sec. 2 Twp. 18^s Rge. 24^w Co. Ness State Ks

Interval Tested 4367-4380 Zone Tested Cher sd
Anchor Length 13 Drill Pipe Run 4351 Mud Wt. 9.3
Top Packer Depth 4362 Drill Collars Run - Vis 59
Bottom Packer Depth 4367 Wt. Pipe Run - WL 9.6
Total Depth 4380 Chlorides 3400 ppm System LCM TR

Blow Description IFP - WEAK TO STRONG IN 14 min
ISIP - NO BLOW
FFP - WEAK TO STRONG IN 16 min
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>GIP</u>				
<u>145</u>	<u>CO</u>				
<u>20</u>	<u>SOC MW</u>		<u>5</u>	<u>65</u>	<u>30</u>
<u>558</u>	<u>WATER</u>				

Rec Total 723 BHT 126 Gravity 40 API RW .31 @ 80 °F Chlorides 2500 ppm

A) Initial Hydrostatic 2143
(B) First Initial Flow 29
C) First Final Flow 138
(D) Initial Shut-In 1304
E) Second Initial Flow 143
(F) Second Final Flow 328
G) Final Shut-In 1274
H) Final Hydrostatic 2120

☒ Test 1225-
☒ Jars 250-
☒ Safety Joint 75-
☐ Circ Sub
☐ Hourly Standby 34hr 75-
☒ Mileage 135 RT 189-
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1814-

T-On Location 2250
T-Started 0005
T-Open 0205
T-Pulled 0620
T-Out 0936
Comments

Initial Open 30
Initial Shut-In 75
Final Flow 60
Final Shut-In 90

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1814-

Approved By

Our Representative

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MP/DST Disc'd

Thank you