

DRILL STEM TEST REPORT

Prepared For: **Bowman Oil Co**

805 Codell Rd
Codell KS 67663-8500

ATTN: Mike Davignon

26 9 19 Rooks KS

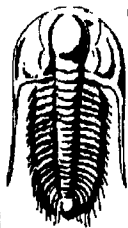
Saindon M #1

Start Date: 2007.05.11 @ 16:35:14

End Date: 2007.05.11 @ 20:27:59

Job Ticket #: 28455 DST #: 1

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Bowman Oil Co
805 Codell Rd
Codell KS 67663-8500
ATTN: Mike Davignon

Saindon M #1

26 9 19 Rooks KS

Job Ticket: 28455

DST#: 1

Test Start: 2007.05.11 @ 16:35:14

GENERAL INFORMATION:

Formation: ?

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:25:34

Time Test Ended: 20:27:59

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: Dan

Interval: 3255.00 ft (KB) To 3275.00 ft (KB) (TVD)

Total Depth: 3275.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2169.00 ft (KB)

2164.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741 Inside

Press@RunDepth: 11.46 psig @ 3256.00 ft (KB)

Start Date: 2007.05.11

End Date:

2007.05.11

Start Time: 16:35:16

End Time:

20:27:59

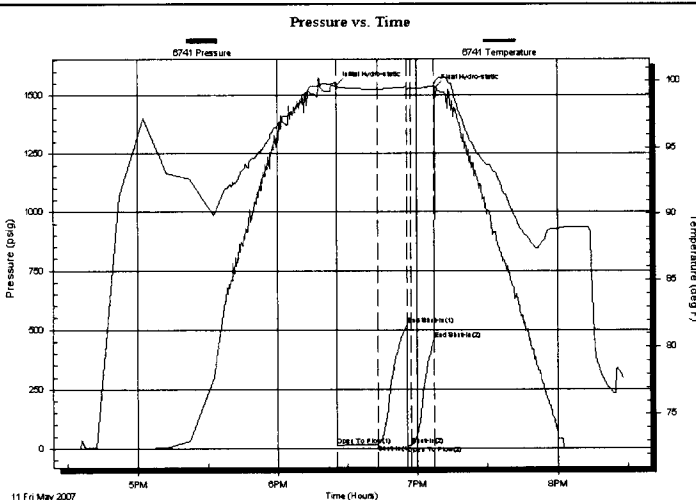
Capacity: 7000.00 psig

Last Calib.: 2007.05.11

Time On Btm: 2007.05.11 @ 18:25:24

Time Off Btm: 2007.05.11 @ 19:07:44

TEST COMMENT: IF Dead
ISI Dead
FF Dead
FSI Dead



PRESSURE SUMMARY

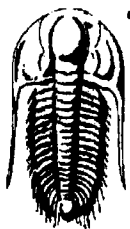
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.99	99.88	Initial Hydro-static
1	11.54	99.23	Open To Flow (1)
18	14.37	99.40	Shut-In(1)
31	520.16	99.56	End Shut-In(1)
31	11.63	99.31	Open To Flow (2)
32	11.46	99.43	Shut-In(2)
42	459.35	99.60	End Shut-In(2)
43	1531.25	99.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	VSOspotted DM	0.01

Gas Rates

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

Bow man Oil Co

Saindon M #1

805 Codell Rd
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26 9 19 Rooks KS

Job Ticket: 28455

DST#: 1

ATTN: Mike Davignon

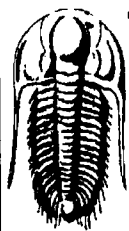
Test Start: 2007.05.11 @ 16:35:14

Tool Information

Drill Pipe:	Length: 3104.00 ft	Diameter: 3.80 inches	Volume: 43.54 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 150.00 ft	Diameter: 2.25 inches	Volume: 0.74 bbl	Weight to Pull Loose:	40000.00 lb
		Total Volume:	44.28 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3255.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 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			3235.00	
Shut In Tool	5.00			3240.00	
Hydraulic tool	5.00			3245.00	
Packer	5.00			3250.00	21.00 Bottom Of Top Packer
Packer	5.00			3255.00	
Stubb	1.00			3256.00	
Recorder	0.00	6741	Inside	3256.00	
Perforations	16.00			3272.00	
Recorder	0.00	13254	Outside	3272.00	
Bullnose	3.00			3275.00	20.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



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FLUID SUMMARY

Bowman Oil Co

Saindon M #1

805 Codell Rd
Codell KS 67663-8500

26 9 19 Rooks KS

Job Ticket: 28455

DST#: 1

ATTN: Mike Davignon

Test Start: 2007.05.11 @ 16:35:14

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbl

Water Loss: 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
3.00	VSOspotted DM	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

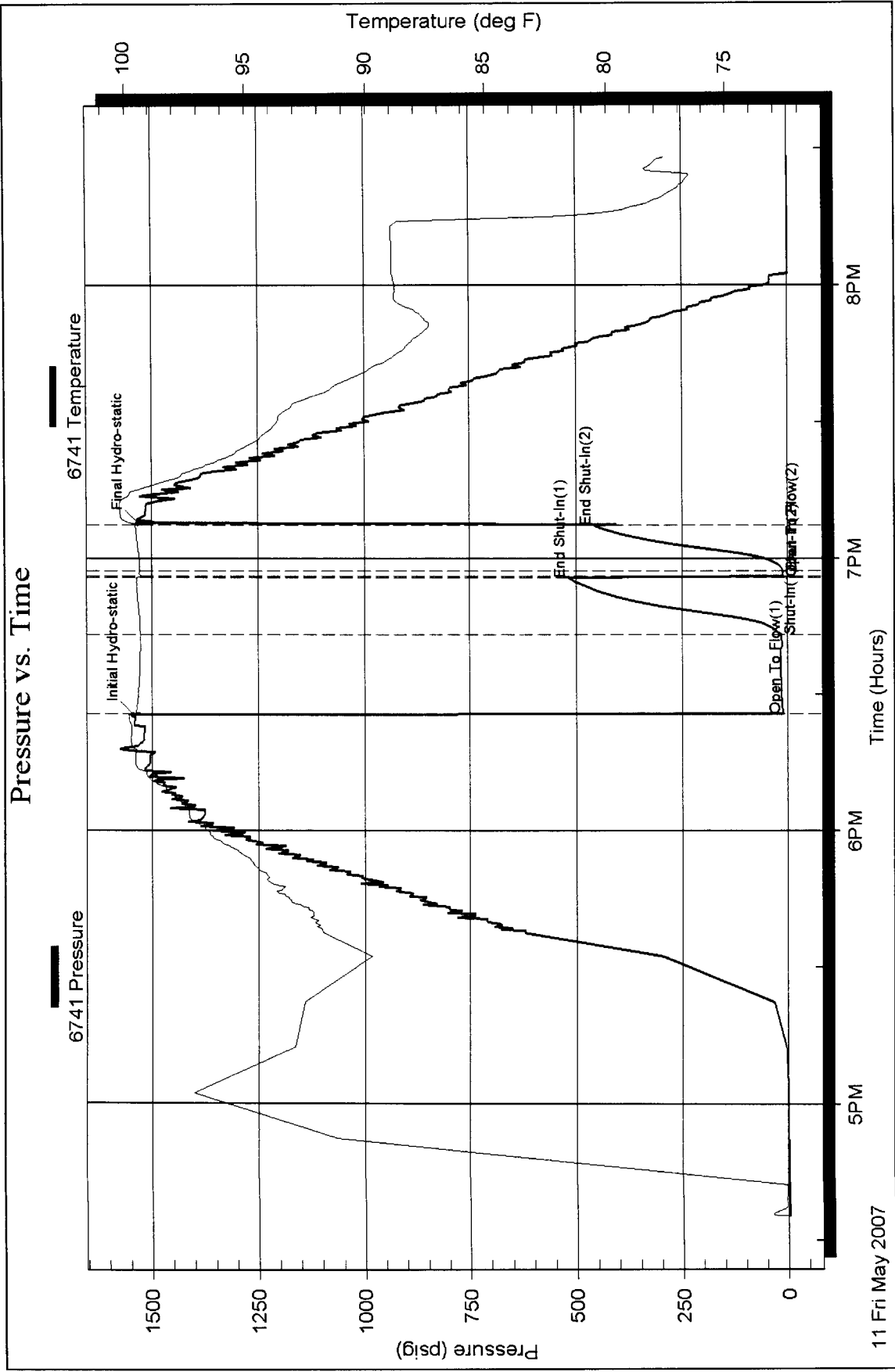
26 9 19 Rooks KS

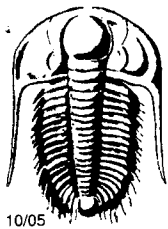
Bow man Oil Co

Inside

Serial #: 6741

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

28455

10155

Test Ticket

Well Name & No. Saundon M #2 Test No. 1 Date 5-11-07
 Company ~~Butt~~ Bowman Oil Co. Zone Tested _____
 Address _____ Elevation 2169 KB 2164 GL _____
 Co. Rep / Geo. Michael Davignon Rig WW-6
 Location: Sec. 26 Twp. 9 Rge. 19 Co. Rooks State KS
 Comment: _____ Release date / time: _____

Interval Tested 3255 - 3275 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 20 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 44,000
 Top Packer Depth 3250 Tool Weight 2,000
 Bottom Packer Depth 3255 Hole Size 7 7/8" _____ Rubber Size 6 3/4" _____
 Total Depth 3275 Wt. Pipe Run _____ Drill Collar Run 150
 Mud Wt. _____ LCM _____ Vis. _____ WL _____ Drill Pipe Size 4 1/2 Ft. Run _____

Blow Description IF - Dead
ISF - Dead
FF - Dead
FSI - Dead

Recovery - Total Feet 3 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 3 Feet of VS spotted DM %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 _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 99.6 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

AK-1	Alpine	Recorder No. <u>6741</u>	Test <u>7100</u>
(A) Initial Hydrostatic Mud	<u>1543</u> PSI	(depth) <u>3257</u>	Jars _____
(B) First Initial Flow Pressure	<u>12</u> PSI	Recorder No. <u>13254</u>	Safety Jt. _____
(C) First Final Flow Pressure	<u>14</u> PSI	(depth) _____	Circ Sub _____
(D) Initial Shut-In Pressure	<u>520</u> PSI	Recorder No. _____	Sampler _____
(E) Second Initial Flow Pressure	<u>12</u> PSI	(depth) _____	Straddle _____
(F) Second Final Flow Pressure	<u>11</u> PSI	Initial Opening <u>15</u>	Ext. Packer _____
(G) Final Shut-In Pressure	<u>459</u> PSI	Initial Shut-In <u>15</u>	Shale Packer _____
(Q) Final Hydrostatic Mud	<u>1531</u> PSI	Final Flow <u>5</u>	Ruined Packer _____
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.		Final Shut-In <u>70</u>	Mileage <u>33x2</u> <u>64</u> <u>82</u>
Approved By _____	T-On Location <u>16:00</u>	T-Started <u>16:35</u>	Sub Total: <u>1182</u>
Our Representative <u>Michael Ambertel</u>	T-Open <u>18:25</u>	T-Pulled <u>19:07</u>	Std. By _____
	T-Out <u>20:29</u>		Acc. Chg: _____
			Other: _____
			Total: _____

CHART PAGE

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

28455

