

DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corporation**

1625 N Waterfront Pkwy.
Wichita, KS 67206-6602

ATTN: David Goldak

LPR #1-21

S21-15-33 Logan, KS

Start Date: 2012.07.19 @ 06:16:00

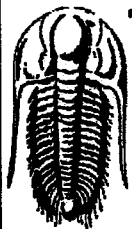
End Date: 2012.07.19 @ 16:20:00

Job Ticket #: 48936 DST #: 4

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

Printed: 2012.07.25 @ 13:52:31

Stelbar Oil Corporation
S21-15-33 Logan, KS
LPR #1-21
DST # 4
Marmaton
2012.07.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Stelbar Oil Corporation
1625 N Waterfront Pkwy.
Wichita, KS 67206-6602
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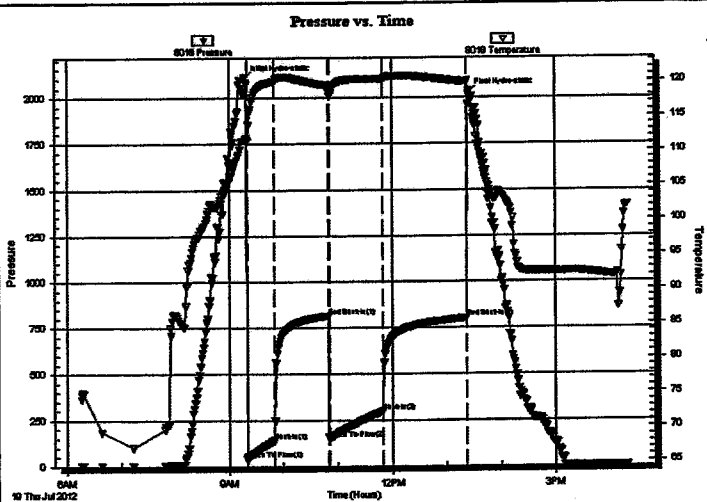
S21-15-33 Logan, KS
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Job Ticket: 48936 DST#: 4
Test Start: 2012.07.19 @ 06:16:00

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:19:40
Time Test Ended: 16:20:00
Interval: **4243.00 ft (KB) To 4266.00 ft (KB) (TVD)**
Total Depth: 4266.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Smith
Unit No: 62
Reference Elevations: 2923.00 ft (KB)
2916.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8018 Inside
Press@RunDepth: 299.30 psig @ 4247.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.19 End Date: 2012.07.19 Last Calib.: 2012.07.19
Start Time: 06:16:02 End Time: 16:20:00 Time On Btm: 2012.07.19 @ 09:16:50
Time Off Btm: 2012.07.19 @ 13:23:50

TEST COMMENT: B.O.B. @ 6 min.
B.O.B. @ 38 min.
B.O.B. @ 11 1/2 min.
8" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.46	111.33	Initial Hydro-static
3	38.62	111.22	Open To Flow (1)
34	141.83	119.95	Shut-In(1)
93	815.21	119.30	End Shut-In(1)
94	150.31	118.26	Open To Flow (2)
153	299.30	120.25	Shut-In(2)
246	802.62	119.77	End Shut-In(2)
248	2021.02	118.51	Final Hydro-static

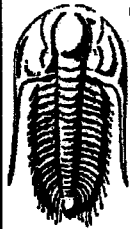
Recovery

Length (ft)	Description	Volume (bbl)
124.00	GMCO 25g 30o 45m	1.74
310.00	GO 30g 70o	4.35
186.00	GO 40g 60o	2.61
155.00	GO 20g 80o	2.17
0.00	527 Feet GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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TOOL DIAGRAM

Stelbar Oil Corporation

S21-15-33 Logan, KS

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LPR #1-21

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DST#: 4

ATTN: David Goldak

Test Start: 2012.07.19 @ 06:16:00

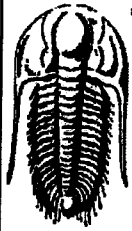
Tool Information

Drill Pipe:	Length: 4222.00 ft	Diameter: 3.80 inches	Volume: 59.22 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.50 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4243.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	50.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4216.50	
Shut In Tool	5.00			4221.50	
Hydraulic tool	5.00			4226.50	
Jars	5.00			4231.50	
Safety Joint	2.50			4234.00	
Packer	5.00			4239.00	27.50 Bottom Of Top Packer
Packer	4.00			4243.00	
Stubb	1.00			4244.00	
Perforations	3.00			4247.00	
Recorder	0.00	8018	Inside	4247.00	
Recorder	0.00	6751	Outside	4247.00	
Perforations	16.00			4263.00	
Bullnose	3.00			4266.00	23.00 Bottom Packers & Anchor

Total Tool Length: 50.50



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FLUID SUMMARY

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LPR #1-21

Job Ticket: 48936

DST#: 4

ATTN: David Goldak

Test Start: 2012.07.19 @ 06:16:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.11 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
124.00	GMCO 25g 30o 45m	1.739
310.00	GO 30g 70o	4.348
186.00	GO 40g 60o	2.609
155.00	GO 20g 80o	2.174
0.00	527 Feet GIP	0.000

Total Length: 775.00 ft

Total Volume: 10.870 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 38 @120 Degrees F = 32

Serial #: 8018

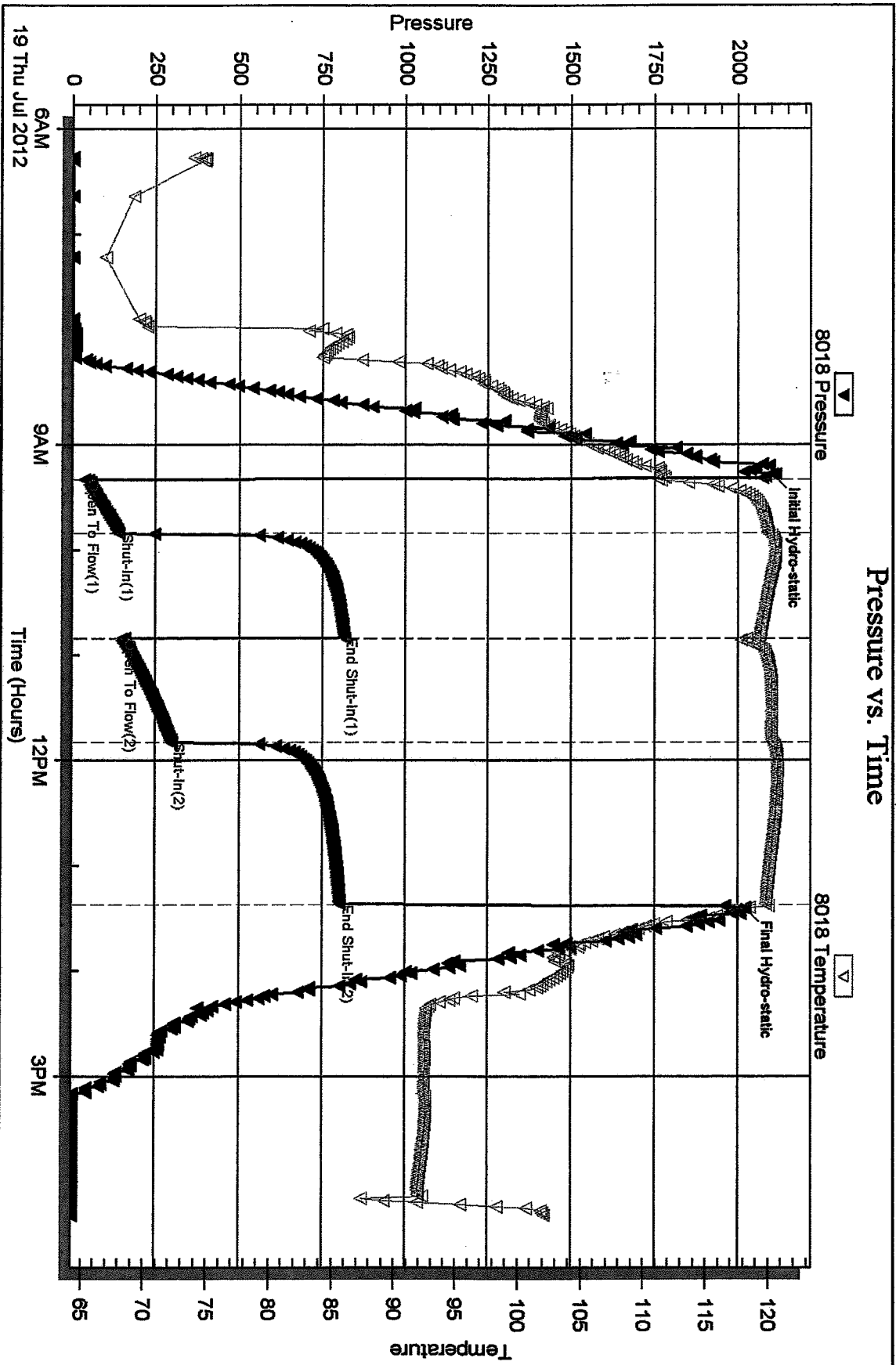
Inside

Selbar Oil Corporation

LPR #1-21

DST Test Number: 4

Pressure vs. Time



Trilocke Testing, Inc

Ref. No: 48936

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