

DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

155 N Market Suite #500 Wichita KS 67202

ATTN: Dave Goldak

20-31S-32W Seward KS

APC 15-175-21839-00-00
#2-20 Lower

Start Date: 2001.04.23 @ 13:30:00

End Date: 2001.04.23 @ 20:10:00

Job Ticket #: 14528 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 25 2001

CONSERVATION DIVISION

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

APC 15-175-21839-00-00


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Stelbar Oil Corp.

#2-20 Lower

155 N Market Suite #500 Wichita KS 67202

20-31S-32W Seward KS

Job Ticket: 14528

DST#: 1

ATTN: Dave Goldak

Test Start: 2001.04.23 @ 13:30:00

GENERAL INFORMATION:

Formation: Attoka

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:45:59

Time Test Ended: 20:10:00

Test Type: Conventional Bottom Hole

Tester: Mike Colantonio

Unit No: 20

Interval: 5329.00 ft (KB) To 5361.00 ft (KB) (TVD)

Reference Elevations: 2871.00 ft (KB)

Total Depth: 5361.00 ft (KB) (TVD)

2866.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 3027

Inside

Press@RunDepth: 68.18 psig @ 5326.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.04.23

End Date:

2001.04.23

Last Calib.: 2001.01.20

Start Time: 12:23:01

End Time:

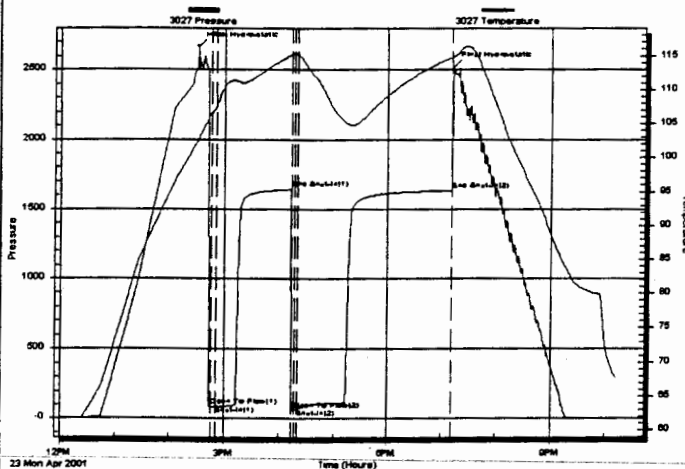
22:13:59

Time On Btm: 2001.04.23 @ 14:30:44

Time Off Btm: 2001.04.23 @ 19:13:44

TEST COMMENT: 1st opening strong blow B.O.B 1 min GTS in 14 min.
 ISI No blow back
 2nd opening strong blow B.O.B soon as open tool gaugeing gas
 FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2669.54	102.78	Initial Hydro-static
16	83.80	106.52	Open To Flow (1)
21	89.03	107.86	Shut-In(1)
103	1641.08	115.17	End Shut-In(1)
106	60.40	115.27	Open To Flow (2)
109	68.18	115.19	Shut-In(2)
282	1633.01	114.76	End Shut-In(2)
283	2521.82	114.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig Mud Film Oil	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	8.00	35.54
Last Gas Rate	0.25	62.00	121.20
Max. Gas Rate	0.25	62.00	121.20


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Stelbar Oil Corp.

#2-20 Lower

155 N Market Suite #500 Wichita KS 67202

20-31S-32W Seward KS

Job Ticket: 14528

DST#: 1

ATTN: Dave Goldak

Test Start: 2001.04.23 @ 13:30:00

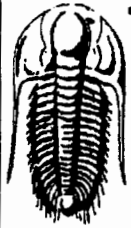
Tool Information

Drill Pipe:	Length: 4962.00 ft	Diameter: 3.80 inches	Volume: 69.60 bbl	Tool Weight: 1800.00 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: 352.00 ft	Diameter: 2.25 inches	Volume: 1.73 bbl	Weight to Pull Loose: 100000.0 lb
			Total Volume: 71.33 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	5324.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

SAMPLER DATA 4.5 Cubic ft Gas 1750 ML Mud 1400PSI

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5294.00	
HYD S.I. Tool	5.00			5299.00	
Sampler	3.00			5302.00	
HMV	5.00			5307.00	
Jars	5.00			5312.00	
Safety Joint	2.00			5314.00	
Packer	5.00			5319.00	31.00 Bottom Of Top Packer
Packer	5.00			5324.00	
Stubb	1.00			5325.00	
Perforations	1.00			5326.00	
Recorder	0.00	3027	Inside	5326.00	
P.O. Sub	5.00			5331.00	
Perforations	15.00			5346.00	
Recorder	0.00	13278	Outside	5346.00	
Perforations	3.00			5349.00	
Bullnose	2.00			5351.00	27.00 Bottom Packers & Anchor
Total Tool Length:	58.00				


TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

#2-20 Lower

155 N Market Suite #500 Wichita KS 67202

20-31S-32W Seward KS

Job Ticket: 14528

DST#: 1

ATTN: Dave Goldak

Test Start: 2001.04.23 @ 13:30:00

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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

 Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 0.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig Mud Film Oil	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

APC 15 175 21839 00 00

NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20012012 Analyzed: 04/24/01

Sample From: #2-20 Lower DST 1
Producer: Stelbar Oil Corp

Pressure:
Temperature:

Date: Location: 20-31-32

Time:
Sampler: Mike
Source:

County: Seward
State: Kansas
Formation: Attoka

	Mole %	GPM
Helium	He: 0.176	0.000
Hydrogen	H2: 0.013	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 7.523	0.000
Carbon Dioxide	CO2: 0.094	0.000
Methane	C1: 80.476	0.000
Ethane	C2: 6.092	1.629
Propane	C3: 3.495	0.963
Iso Butane	iC4: 0.391	0.128
Normal Butane	nC4: 0.874	0.276
Iso Pentane	iC5: 0.189	0.069
Normal Pentane	nC5: 0.225	0.081
Hexanes Plus	C6+: 0.452	0.197

TOTAL: 100.000 3.344

Z Fact: 0.9974

SP.GR.: 0.6890

BTU (SAT): 1075.9 @ 14.73 psia

BTU (DRY): 1094.9 @ 14.73 psia

OCTANE RATING: 115.8

COMMENTS:

0.000


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Stelbar Oil Corp.

#2-20 Lower

155 N Market Suite #500 Wichita KS 67202

20-31S-32W Seward KS

ATTN: Dave Goldak

Job Ticket: 14528

DST#: 1

Test Start: 2001.04.23 @ 13:30:00

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 (m³/d)
1	15	0.25	8.00	35.54
1	15	0.25	8.00	35.54
1	15	0.25	8.00	35.54
1	20	0.25	18.00	51.40
1	30	0.25	36.00	79.95
2	10	0.25	20.00	54.57
2	20	0.25	55.00	110.10
2	30	0.25	60.00	118.03
2	40	0.25	62.00	121.20

Serial #: 3027

Inside

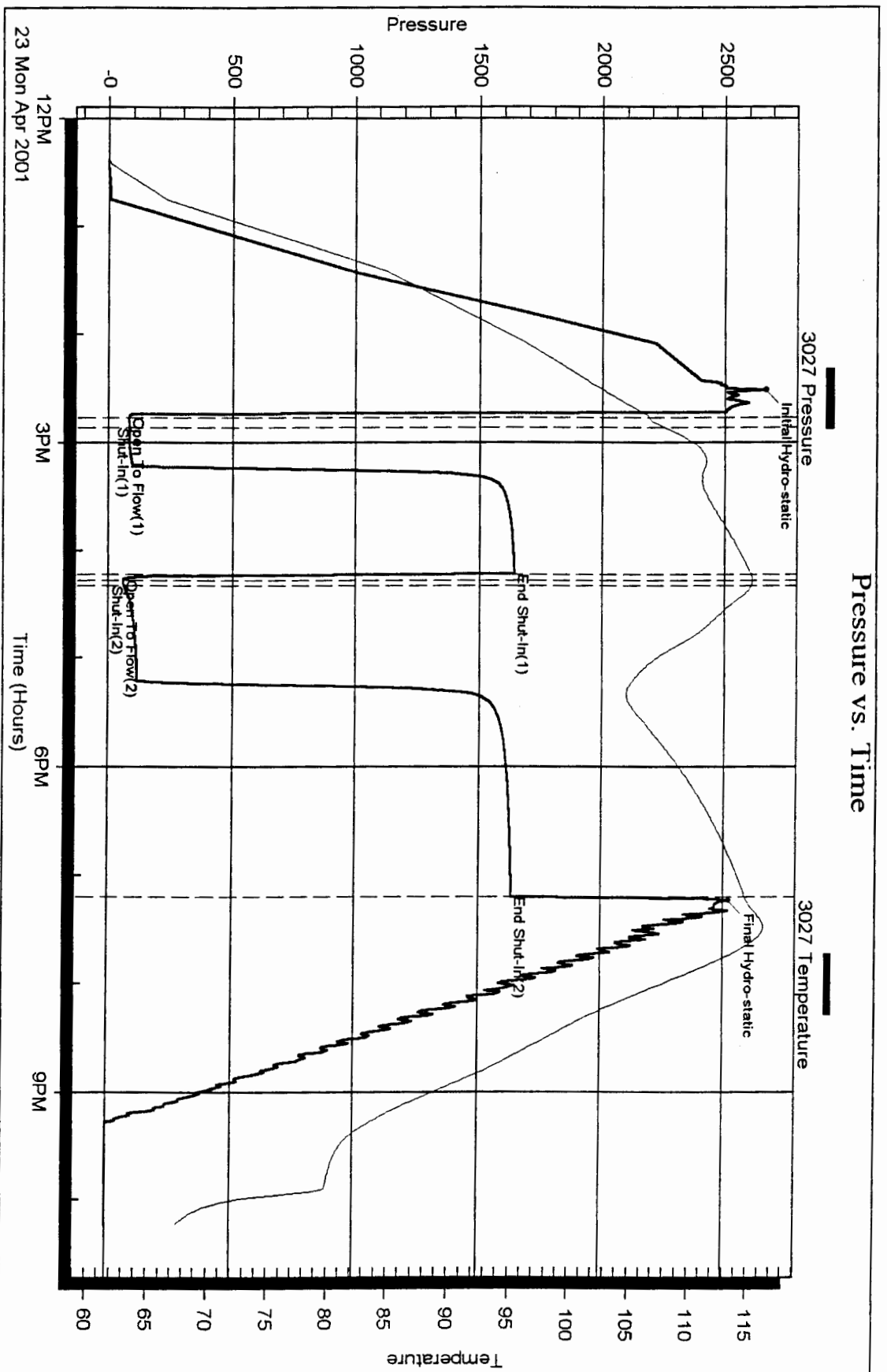
Stelbar Oil Corp.

20-31S-32W Sew ard KS

APL 15.175.21839.00.00

DST Test Number: 1

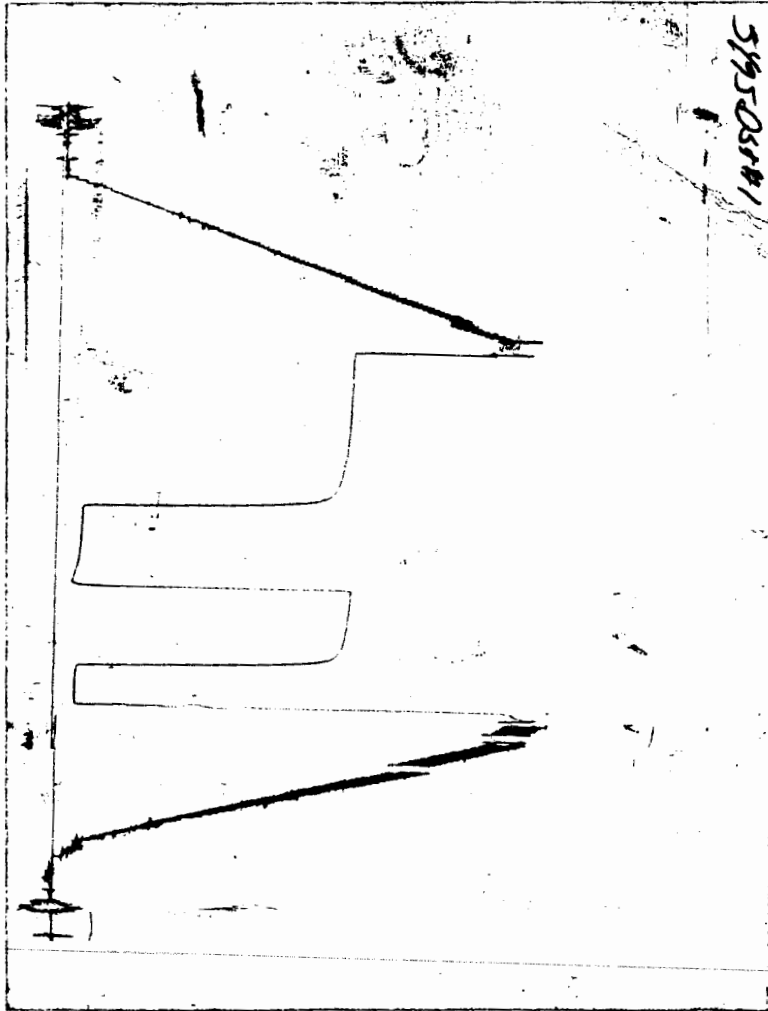
Pressure vs. Time



API 15:175. 21839.00 00

CHART PAGE

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





APL 15.175.21839.00.00

Stelbac Oil Corp
OPERATOR

7-20 howre

#1

OPERATOR

WELL NAME AND NO.

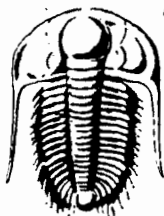
DST NO.

1st Opening 6-7.5 H/min

Int. opening

Remarks:

Gas Will Burn.



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 14528

Test Ticket

API 15-175-21839-00-00

Well Name & No. <u># 2-20 Lower</u>	Test No. <u># 1</u>	Date <u>4-23-01</u>
Company <u>Stelbar Oil Corp</u>	Zone Tested <u>Attika</u>	
Address <u>155 N. Market Suite 500 White KS. 67202</u>		Elevation <u>2871</u> KB <u>2866</u> GL
Co. Rep / Geo. <u>Dave Goldak</u>	Cont. <u>Abercrombie Rig # 8</u>	Est. Ft. of Pay <u>4</u> Por. <u>24</u> %
Location: Sec. <u>20</u>	Twp. <u>31S</u>	Rge. <u>32W</u> Co. <u>Seward</u> State <u>Ks.</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>5329-5361</u>	Initial Str Wt./Lbs. <u>88000</u>	Unseated Str Wt./Lbs. <u>88000</u>
Anchor Length <u>32'</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>14000</u>
Top Packer Depth <u>5324</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5329</u>	Hole Size — 7 7/8" <u>X</u>	Rubber Size — 6 3/4" <u>X</u>
Total Depth <u>5361</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>352'</u>
Mud Wt. <u>8.6</u> LCM <u>3#</u> Vis. <u>51</u> WL <u>76</u>	Drill Pipe Size <u>4.5 X-0</u>	Ft. Run <u>4982</u>
Blow Description <u>1st opening Strong Blow B.O. B in 1 min CTS 14 min</u>		
<u>ISI NO Blow Back</u>		
<u>2nd opening Strong Blow B.O. B ran as open Tool.</u>		
<u>ISI NO Blow Back.</u>		

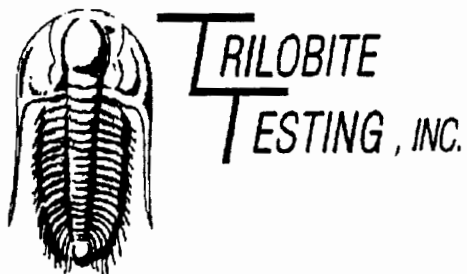
Recovery — Total Feet <u>15</u>	GIP _____	Ft. in DC <u>15</u>	Ft. in DP _____
Rec. <u>15</u>	Feet Of <u>Only Mud Film Oil</u>	%gas _____	%oil _____ %water <u>100</u> %mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet Of _____	%gas _____	%oil _____ %water _____ %mud _____
BHT <u>123</u>	°F Gravity _____	°API D@ _____	°F Corrected Gravity _____ °API _____
RW _____ @ _____	°F Chlorides _____	ppm Recovery _____	Chlorides <u>4200</u> ppm System _____

(A) Initial Hydrostatic Mud	AK-1 <u>2669</u>	Alpine	PSI Recorder No. <u>3027</u>	T-On Location <u>11:30 am</u>
(B) First Initial Flow Pressure	<u>83</u>	PSI (depth)	<u>5331</u>	T-Started <u>1:30 pm</u>
(C) First Final Flow Pressure	<u>89</u>	PSI Recorder No.	<u>5495</u>	T-Open <u>3:40 pm</u>
(D) Initial Shut-In Pressure	<u>1641</u>	PSI (depth)	<u>5359</u>	T-Pulled <u>8:10 pm</u>
(E) Second Initial Flow Pressure	<u>60</u>	PSI Recorder No.		T-Out <u>11:15 pm</u>
(F) Second Final Flow Pressure	<u>68</u>	PSI (depth)		T-Off Location _____
(G) Final Shut-in Pressure	<u>1633</u>	PSI Initial Opening	<u>30 min</u>	Test <u>✓ Conventional 200</u>
(Q) Final Hydrostatic Mud	<u>2521</u>	PSI Initial Shut-in	<u>60 min</u>	Jars <u>✓ 200</u>
		Final Flow	<u>60 min</u>	Safety Joint <u>✓ 50</u>
		Final Shut-in	<u>120 min</u>	Straddle _____
				Circ. Sub <u>✓ N/C</u>
				Sampler <u>✓ 200</u>
				Extra Packer _____
				Elec. Rec. <u>✓ 150</u>
				Mileage <u>✓ #50</u>
				Other <u>500 # 60</u>
				TOTAL PRICE \$ <u>1440</u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE 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 Dave Goldak

Our Representative Mike Coleman



DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

155 N Market Suite #500 Wichita KS 67202

ATTN: Dave Goldak

20-31S-32W Seward KS

API 15.175-21834.00.00
#2-20 Lower

Start Date: 2001.04.24 @ 14:15:00

End Date: 2001.04.24 @ 18:55:00

Job Ticket #: 14529 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Stelbar Oil Corp.

#2-20 Lower

155 N Market Suite #500 Wichita KS 67202

20-31S-32W Seward KS

Job Ticket: 14529

DST#: 2

ATTN: Dave Goldak

Test Start: 2001.04.24 @ 14:15:00

GENERAL INFORMATION:

Formation: Upper Morrow sand

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:44:04

Time Test Ended: 18:55:00

Test Type: Conventional Bottom Hole

Tester: Mike Colantonio

Unit No: 20

Interval: 5369.00 ft (KB) To 5439.00 ft (KB) (TVD)

Reference Elevations: 2871.00 ft (KB)

Total Depth: 5439.00 ft (KB) (TVD)

2866.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 3027

Inside

Press@RunDepth: 1511.94 psig @ 5370.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.04.24

End Date:

2001.04.24

Last Calib.: 2001.01.20

Start Time: 13:15:36

End Time:

21:05:34

Time On Btm: 2001.04.24 @ 15:27:04

Time Off Btm: 2001.04.24 @ 18:05:34

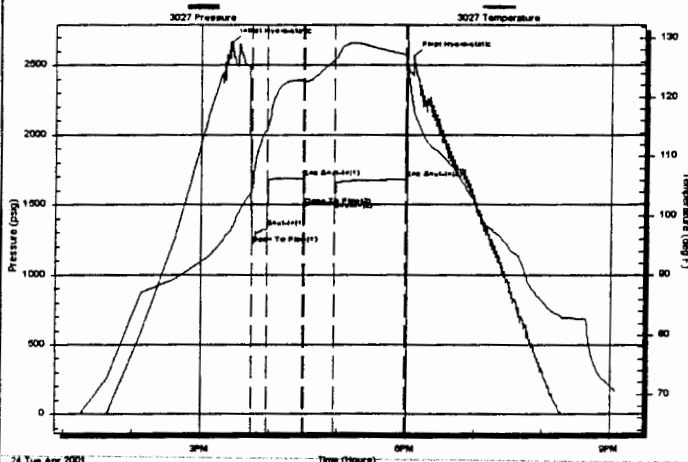
TEST COMMENT: 1st open strong blow B.O.B soon as open tool GTS in 2 min MCF @ 14694.8

ISI No Blow back

2nd opening strong blow B.O.B soon as open tool gaugeing gas MCF @ 20125.83

FSI NO Blow back

Pressure vs. Time



24 Tue Apr 2001

PRESSURE SUMMARY

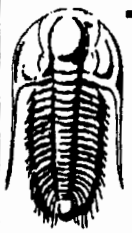
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2660.80	98.14	Initial Hydro-static
17	1209.17	104.39	Open To Flow (1)
31	1325.41	114.82	Shut-In(1)
62	1689.86	122.80	End Shut-In(1)
64	1487.01	122.57	Open To Flow (2)
90	1511.94	126.26	Shut-In(2)
152	1678.51	127.23	End Shut-In(2)
159	2562.41	117.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Condensate & Mud 30% Gas 70% Mud	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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<table style="width: 100%; border: none;"> <tr> <td>Drill Pipe:</td> <td>Length: 5008.00 ft</td> <td>Diameter: 3.80 inches</td> <td>Volume: 70.25 bbl</td> <td>Tool Weight: 1800.00 lb</td> </tr> <tr> <td>Heavy Wt. Pipe:</td> <td>Length: 0.00 ft</td> <td>Diameter: 0.00 inches</td> <td>Volume: 0.00 bbl</td> <td>Weight set on Packer: 25000.00 lb</td> </tr> <tr> <td>Drill Collar:</td> <td>Length: 352.00 ft</td> <td>Diameter: 2.25 inches</td> <td>Volume: 1.73 bbl</td> <td>Weight to Pull Loose: 100000.0 lb</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">Total Volume: 71.98 bbl</td> <td>Tool Chased 0.00 ft</td> </tr> <tr> <td>Drill Pipe Above KB:</td> <td>27.00 ft</td> <td colspan="2"></td> <td>String Weight: Initial 90000.00 lb</td> </tr> <tr> <td>Depth to Top Packer:</td> <td>5364.00 ft</td> <td colspan="2"></td> <td style="text-align: right;">Final 90000.00 lb</td> </tr> <tr> <td>Depth to Bottom Packer:</td> <td>ft</td> <td colspan="3"></td> </tr> <tr> <td>Interval between Packers:</td> <td>70.00 ft</td> <td colspan="3"></td> </tr> <tr> <td>Tool Length:</td> <td>101.00 ft</td> <td colspan="3"></td> </tr> <tr> <td>Number of Packers:</td> <td>2</td> <td>Diameter:</td> <td>6.75 inches</td> <td></td> </tr> </table>				Drill Pipe:	Length: 5008.00 ft	Diameter: 3.80 inches	Volume: 70.25 bbl	Tool Weight: 1800.00 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: 352.00 ft	Diameter: 2.25 inches	Volume: 1.73 bbl	Weight to Pull Loose: 100000.0 lb				Total Volume: 71.98 bbl	Tool Chased 0.00 ft	Drill Pipe Above KB:	27.00 ft			String Weight: Initial 90000.00 lb	Depth to Top Packer:	5364.00 ft			Final 90000.00 lb	Depth to Bottom Packer:	ft				Interval between Packers:	70.00 ft				Tool Length:	101.00 ft				Number of Packers:	2	Diameter:	6.75 inches																																															
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NATURAL GAS ANALYSIS REPORT

Sampled by:

Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:

Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 20012119

Analyzed: 04/29/01

Sample From: #2-20 Lower DST 2
Producer: Stelbar Oil Corp

Pressure:
Temperature:

Date: 20-31-32

Time:
Sampler: Mike
Source:

County: Seward
State: Kansas
Formation: U Morr

		Mole %	GPM
Helium	He:	0.195	0.000
Hydrogen	H2:	0.024	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	9.812	0.000
Carbon Dioxide	CO2:	0.117	0.000
Methane	C1:	79.314	0.000
Ethane	C2:	5.239	1.401
Propane	C3:	3.390	0.934
Iso Butane	iC4:	0.489	0.160
Normal Butane	nC4:	0.912	0.288
Iso Pentane	iC5:	0.193	0.071
Normal Pentane	nC5:	0.183	0.066
Hexanes Plus	C6+:	0.132	0.058

TOTAL: 100.000 2.977

Z Fact: 0.9976

SP.GR.: 0.6860

BTU (SAT): 1033.3 @ 14.73 psia

BTU (DRY): 1051.6 @ 14.73 psia

OCTANE RATING: 113.4

COMMENTS:

0.000


TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

#2-20 Lower

155 N Market Suite #500 Wichita KS 67202

20-31S-32W Seward KS

Job Ticket: 14529

DST#: 2

ATTN: Dave Goldak

Test Start: 2001.04.24 @ 14:15:00

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:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 0.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Condensate & Mud 30% Gas 70% Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

20-31S-32W Sew ard KS

Stelbar Oil Corp.

Inside

Serial #: 3027

Pressure vs. Time

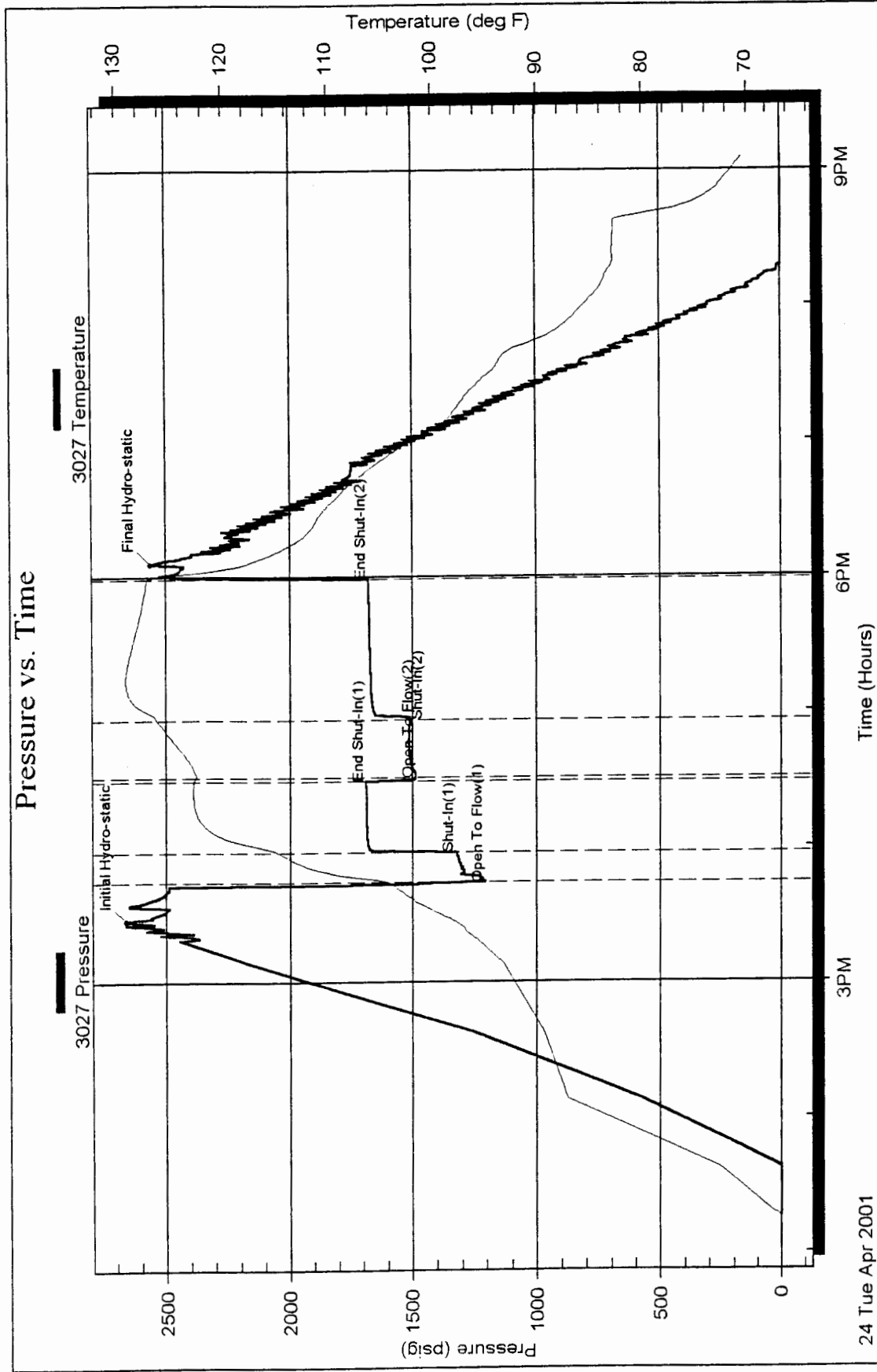
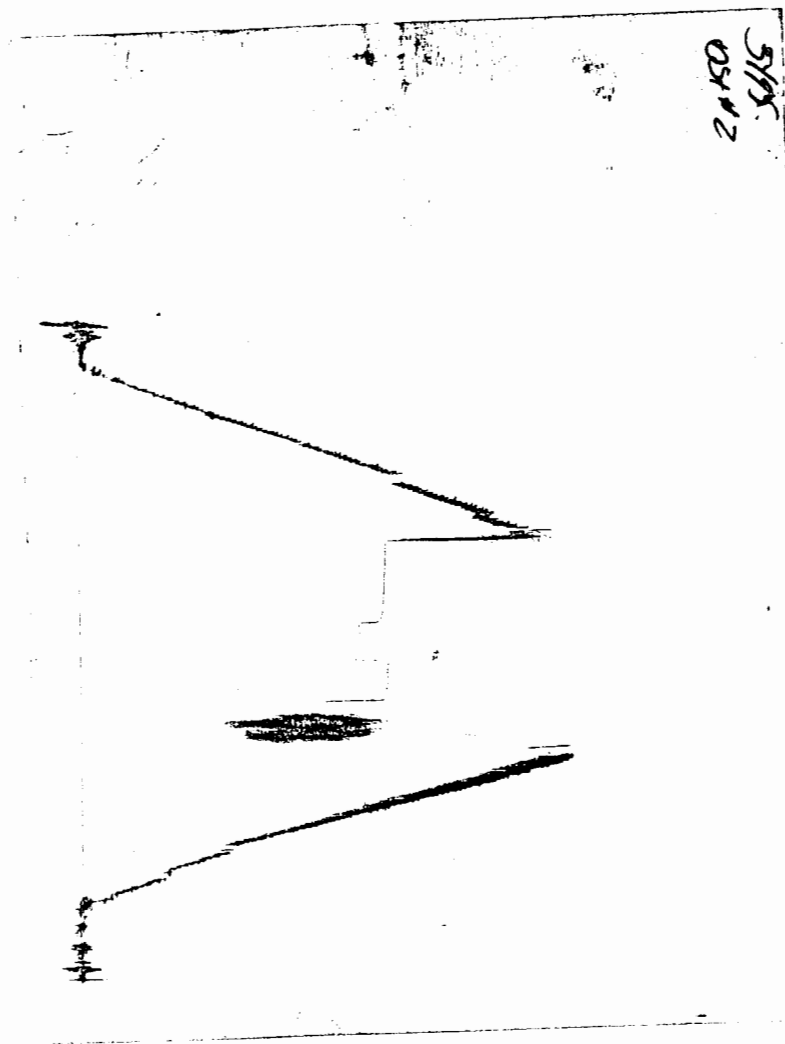
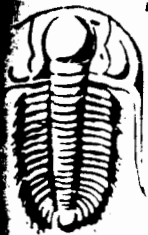


CHART PAGE

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





**TRILOBITE
TESTING L.L.C.**

P.O. Box 362 • Hays, Kansas 67601 • (913) 825-4778

APL 15.175-21839.00.00

GAS VOLUME REPORT

Star/Bar Oil Corp.

#2-20 Lower

WELL NAME AND NO.

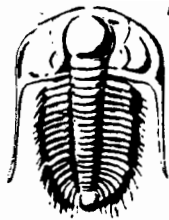
#2
DST NO.

GZS Im.

[illegible]

Remarks:

Remarks: Gas will Burn.



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 14529

Test Ticket

API 15-175-21839-00-00

Well Name & No. <u>#2-20</u>	Test No. <u>#2</u>	Date <u>4-24-01</u>
Company <u>Stelbar Oil Corp.</u>	Zone Tested <u>Upper Morrow Sand</u>	
Address <u>155 N. Market Suite 500 Wichita KS. 67202</u>	Elevation <u>2871</u>	KB <u>2866</u> GL
Co. Rep / Geo. <u>Dave GalDAK</u>	Cont. <u>Abundant R. #8</u>	Est. Ft. of Pay <u>11</u> Por. <u>25</u> %
Location: Sec. <u>20</u>	Twp. <u>31S</u>	Rge. <u>32W</u> Co. <u>SEWARD</u> State <u>KS</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>5369-5439</u>	Initial Str Wt./Lbs. <u>9000</u>	Unseated Str Wt./Lbs. <u>9000</u>
Anchor Length <u>70'</u>	Wt. Set Lbs. <u>2500</u>	Wt. Pulled Loose/Lbs. <u>10000</u>
Top Packer Depth <u>5364</u>	Tool Weight <u>1800</u>	
Bottom Packer Depth <u>5369</u>	Hole Size — 7 7/8" <u>X</u>	Rubber Size — 6 3/4" <u>X</u>
Total Depth <u>5439</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>352</u>
Mud Wt. <u>8.6</u> LCM <u>34</u> Vis. <u>55</u> WL <u>8.8</u>	Drill Pipe Size <u>4.5 X 10</u>	Ft. Run <u>5018</u>
Blow Description <u>1st opening Strong Blow B.O.B. soon as open tool 675 2min.</u>		
<u>2nd opening Very Strong Blow B.O.B. soon as open tool.</u>		
<u>3rd opening No Blow Back</u>		
Recovery — Total Feet <u>5</u>	GIP _____	Ft. in DC <u>5</u>
Rec. <u>5</u>	Feet Of <u>Cordasak Mud</u>	%gas _____ %oil _____ %water <u>70</u> %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 <u>124</u>	°F Gravity _____	°API D@ _____ °F Corrected Gravity _____ °API _____
RW _____ @ _____	°F Chlorides _____	ppm Recovery _____ Chlorides <u>6000</u> ppm System _____

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2660</u>	PSI	Recorder No. <u>3007</u>	T-On Location <u>12:00pm</u>	
(B) First Initial Flow Pressure	<u>1209</u>	PSI	(depth) <u>5370</u>	T-Started <u>2:15pm</u>	
(C) First Final Flow Pressure	<u>1325</u>	PSI	Recorder No. <u>5495</u>	T-Open <u>4:40pm</u>	
(D) Initial Shut-In Pressure	<u>1689</u>	PSI	(depth) <u>5437</u>	T-Pulled <u>6:55pm</u>	
(E) Second Initial Flow Pressure	<u>1487</u>	PSI	Recorder No. _____	T-Out <u>10:00pm</u>	
(F) Second Final Flow Pressure	<u>1511</u>	PSI	(depth) _____	T-Off Location <u>12:00pm</u>	
(G) Final Shut-in Pressure	<u>1678</u>	PSI	Initial Opening <u>15min</u>	Test <u>Conventional</u>	<u>900</u>
(Q) Final Hydrostatic Mud	<u>2562</u>	PSI	Initial Shut-in <u>30min</u>	Jars <u>✓</u>	<u>200</u>
			Final Flow <u>30min</u>	Safety Joint <u>✓</u>	<u>50</u>
			Final Shut-in <u>60min</u>	Straddle _____	
				Circ. Sub <u>✓ N/A</u>	
				Sampler <u>✓</u>	<u>200</u>
				Extra Packer <u>25446</u>	<u>300</u>
				Elec. Rec. _____	<u>150</u>
				Mileage <u>✓</u>	<u>50.00</u>
				Other <u>✓</u>	<u>30.00</u>
				TOTAL PRICE \$	<u>\$1200</u>

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Approved By [Signature]

Our Representative [Signature]