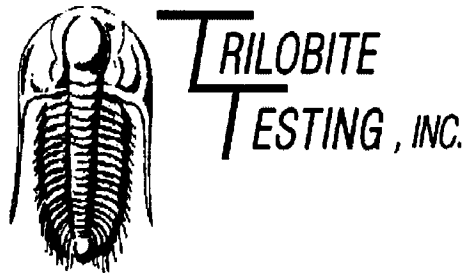


15-095-21978

20-29-6w



DRILL STEM TEST REPORT

Prepared For: **Imperial Oil Properties, Inc**

200 E. 1st
Suite 413
Wichita, KS 67202

ATTN: Jeff Burk

20-29s-6w Kingman KS

Sowers #20-1

Start Date: 2005.07.19 @ 07:35:15

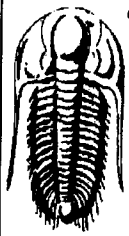
End Date: 2005.07.19 @ 15:54:15

Job Ticket #: 20769 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

Imperial Oil Properties, Inc

200 E 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

Sowers #20-1

20-29s-6w Kingman KS

Job Ticket: 20769

DST#: 1

Test Start: 2005.07.19 @ 07:35:15

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 09:18:00

Time Test Ended: 15:54:15

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **19**

Interval: **4123.00 ft (KB) To 4130.00 ft (KB) (TVD)**

Total Depth: **4130.00 ft (KB) (TVD)**

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

Reference Elevations: **1547.00 ft (KB)**

1539.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: **105.41 psig @ 4124.00 ft (KB)**

Start Date: **2005.07.19**

End Date: **2005.07.19**

Start Time: **07:35:20**

End Time: **15:54:14**

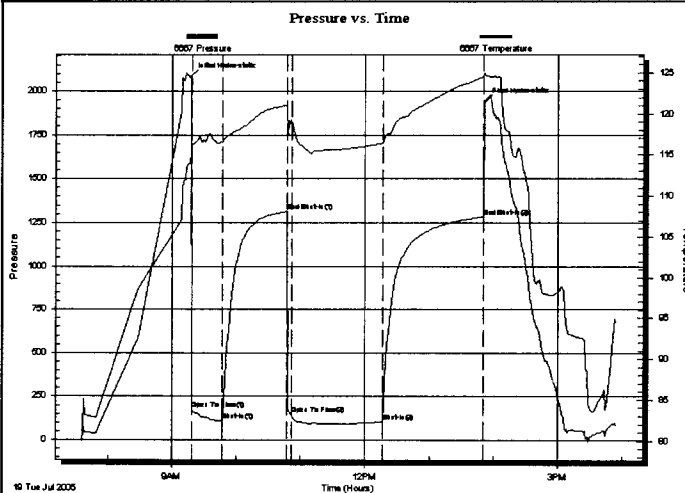
Capacity: **7000.00 psig**

Last Calib.: **2005.07.19**

Time On Btm: **2005.07.19 @ 09:17:00**

Time Off Btm: **2005.07.19 @ 13:52:15**

TEST COMMENT: IF: Strong blow, BOB 15 seconds.
IS: Bled off, no blow back.
FF: Strong blow, BOB immediately, GTS 3 minutes.
FS: Bled off, no blow back.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.42	114.09	Initial Hydro-static
1	175.40	116.28	Open To Flow (1)
30	111.21	116.59	Shut-In(1)
91	1315.12	121.08	End Shut-In(1)
95	146.26	119.30	Open To Flow (2)
180	105.41	116.44	Shut-In(2)
274	1283.85	124.48	End Shut-In(2)
276	1939.72	124.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	WCM 30%w 70%m	0.28
0.00	RVW= .29ohm@99degF= 16,000ppm	0.00
0.00	0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	36.50	19.05
Max. Gas Rate	0.13	36.50	19.05



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial Oil Properties, Inc

Sowers #20-1

200 E. 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

20-29s-6w Kingman KS

Job Ticket: 20769

DST#: 1

Test Start: 2005.07.19 @ 07:35:15

Tool Information

Drill Pipe:	Length: 4113.00 ft	Diameter: 3.80 inches	Volume: 57.69 bbl	Tool Weight:	2100.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	69000.00 lb
		Total Volume:	57.69 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4123.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	27.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4108.00	
Hydraulic tool	5.00			4113.00	
Packer	5.00			4118.00	20.00 Bottom Of Top Packer
Packer	5.00			4123.00	
Stubb	1.00			4124.00	
Recorder	0.00	6667	Inside	4124.00	
Perforations	3.00			4127.00	
Recorder	0.00	11019	Outside	4127.00	
Bullnose	3.00			4130.00	7.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial Oil Properties, Inc

Sowers #20-1

200 E 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

20-29s-6w Kingman KS

Job Ticket: 20769

DST#: 1

Test Start: 2005.07.19 @ 07:35:15

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	WCM 30%w 70%m	0.281
0.00	RW=.29ohm@99degF= 16,000ppm	0.000
0.00	0	0.000

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Imperial Oil Properties, Inc

Sowers #20-1

200 E 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

20-29s-6w Kingman KS

Job Ticket: 20769

DST#: 1

Test Start: 2005.07.19 @ 07:35:15

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)
2	10	0.13	5.00	7.26
2	10	0.13	5.00	7.26
2	20	0.13	10.00	9.13
2	30	0.13	15.00	11.00
2	40	0.13	19.00	12.50
2	50	0.13	23.50	14.18
2	60	0.13	28.50	16.06
2	70	0.13	32.50	17.55
2	80	0.13	36.50	19.05

Serial #: 6667

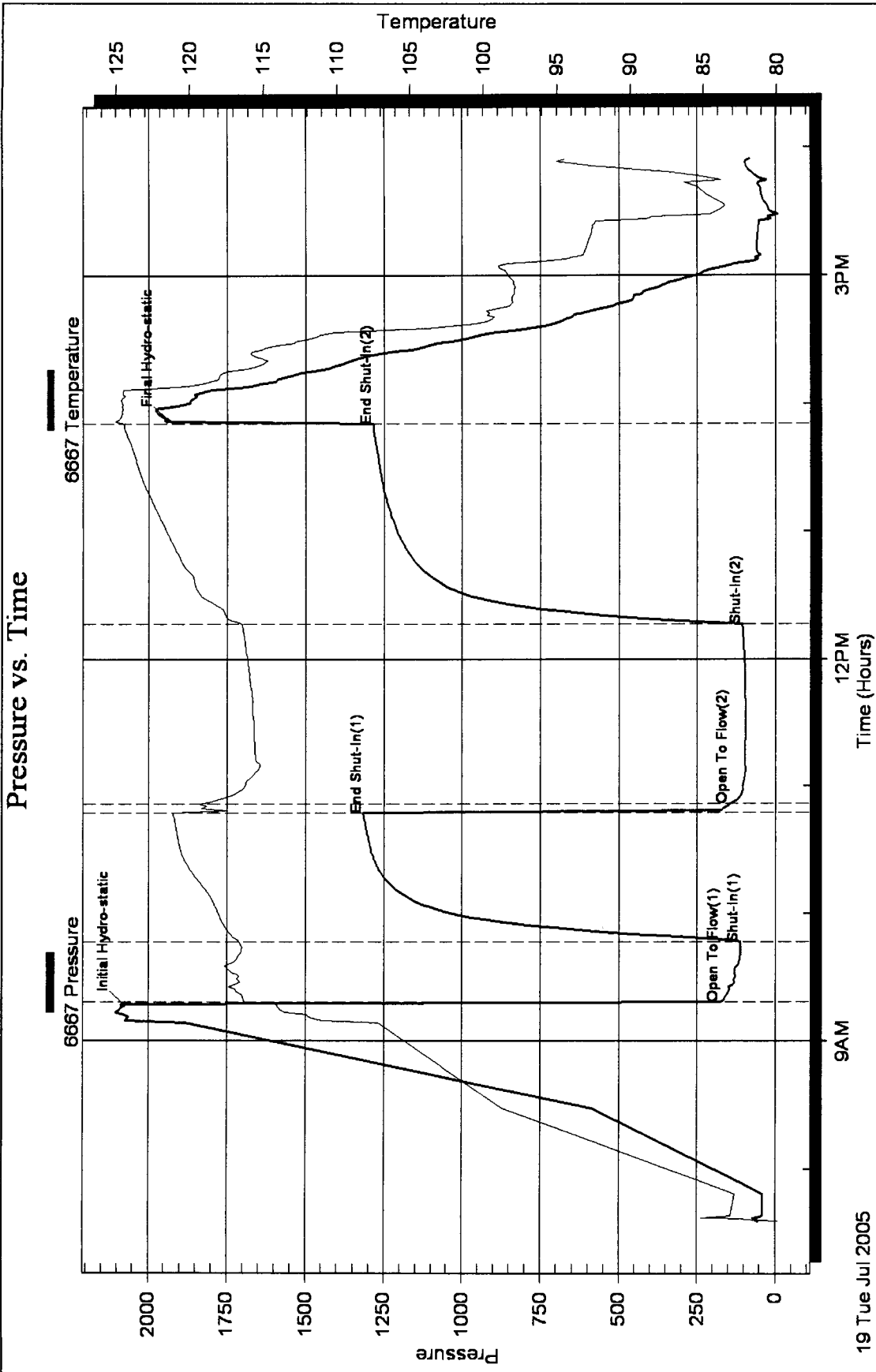
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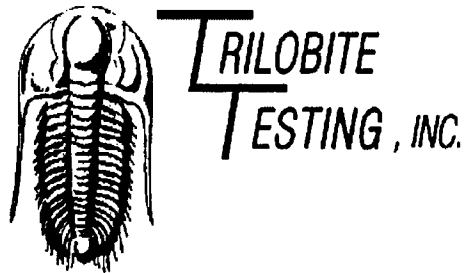
Imperial Oil Properties, Inc

20-29s-6w Kingman KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Imperial Oil Properties, Inc**

200 E. 1st
Suite 413
Wichita, KS 67202

ATTN: Jeff Burk

20-29s-6w Kingman KS

Sowers #20-1

Start Date: 2005.07.19 @ 21:38:41

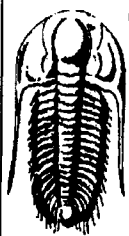
End Date: 2005.07.20 @ 06:12:41

Job Ticket #: 20770 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

Imperial Oil Properties, Inc

200 E 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

Sowers #20-1

20-29s-6w Kingman KS

Job Ticket: 20770

DST#: 2

Test Start: 2005.07.19 @ 21:38:41

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 00:09:56

Time Test Ended: 06:12:41

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **19**

Interval: **4130.00 ft (KB) To 4137.00 ft (KB) (TVD)**

Total Depth: **4137.00 ft (KB) (TVD)**

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

Reference Elevations: **1547.00 ft (KB)**

1539.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6667 Inside

Press@RunDepth: **95.53 psig @ 4131.00 ft (KB)**

Start Date: **2005.07.19**

End Date: **2005.07.20**

Start Time: **21:38:46**

End Time: **06:12:41**

Capacity: **7000.00 psig**

Last Calib.: **2005.07.20**

Time On Btm: **2005.07.20 @ 00:06:26**

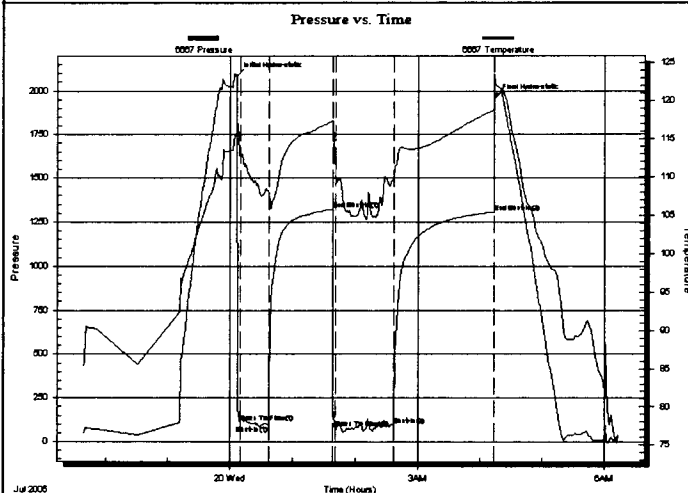
Time Off Btm: **2005.07.20 @ 04:14:41**

TEST COMMENT: IF: Strong blow, BOB 10 sec, GTS 9 min.

IS: Bled off, no blow back.

FF: Strong blow, BOB immediately.

FS: Bled off, no blow back.



PRESSURE SUMMARY

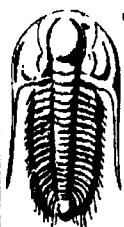
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.14	115.87	Initial Hydro-static
4	108.61	112.34	Open To Flow (1)
31	94.02	108.01	Shut-In (1)
92	1323.16	117.43	End Shut-In (1)
95	76.84	110.61	Open To Flow (2)
150	95.53	109.40	Shut-In (2)
247	1307.22	118.90	End Shut-In (2)
249	1960.40	122.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SLOGCWM 3%g 42%w 55%m	0.42
0.00	RVF= .17ohm @ 75 deg F= 36,000ppm	0.00
0.00	0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	10.00	89.38
Last Gas Rate		0.00	
Max. Gas Rate	0.38	18.00	118.69



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial Oil Properties, Inc

200 E. 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

Sowers #20-1

20-29s-6w Kingman KS

Job Ticket: 20770

DST#: 2

Test Start: 2005.07.19 @ 21:38:41

Tool Information

Drill Pipe:	Length: 4113.00 ft	Diameter: 3.80 inches	Volume: 57.69 bbl	Tool Weight: 2100.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 57.69 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4130.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	27.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4115.00	
Hydraulic tool	5.00			4120.00	
Packer	5.00			4125.00	20.00 Bottom Of Top Packer
Packer	5.00			4130.00	
Stubb	1.00			4131.00	
Recorder	0.00	6667	Inside	4131.00	
Perforations	3.00			4134.00	
Recorder	0.00	11019	Outside	4134.00	
Bullnose	3.00			4137.00	7.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial Oil Properties, Inc

Sowers #20-1

200 E. 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

20-29s-6w Kingman KS
Job Ticket: 20770 **DST#: 2**
Test Start: 2005.07.19 @ 21:38:41

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 10.38 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.04 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SLOSGCWM 3%g 42%w 55%m	0.421
0.00	RWF: .17ohm @ 75 deg F= 36,000ppm	0.000
0.00	0	0.000

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Imperial Oil Properties, Inc

Sowers #20-1

200 E. 1st
Suite 413
Wichita, KS 67202
ATTN: Jeff Burk

20-29s-6w Kingman KS

Job Ticket: 20770

DST#: 2

Test Start: 2005.07.19 @ 21:38:41

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 (m ³ /d)
1	10	0.38	10.00	89.38
1	20	0.38	11.50	94.88
1	30	0.38	12.00	96.71
2	10	0.38	18.00	118.69
2	20	0.38	18.00	118.69
2	30	0.38	16.00	111.36
2	40	0.38	15.50	109.53
2	50	0.38	15.00	107.70
2	60	0.38	14.50	105.87
0	0	-999999.00	0.00	-999999.00

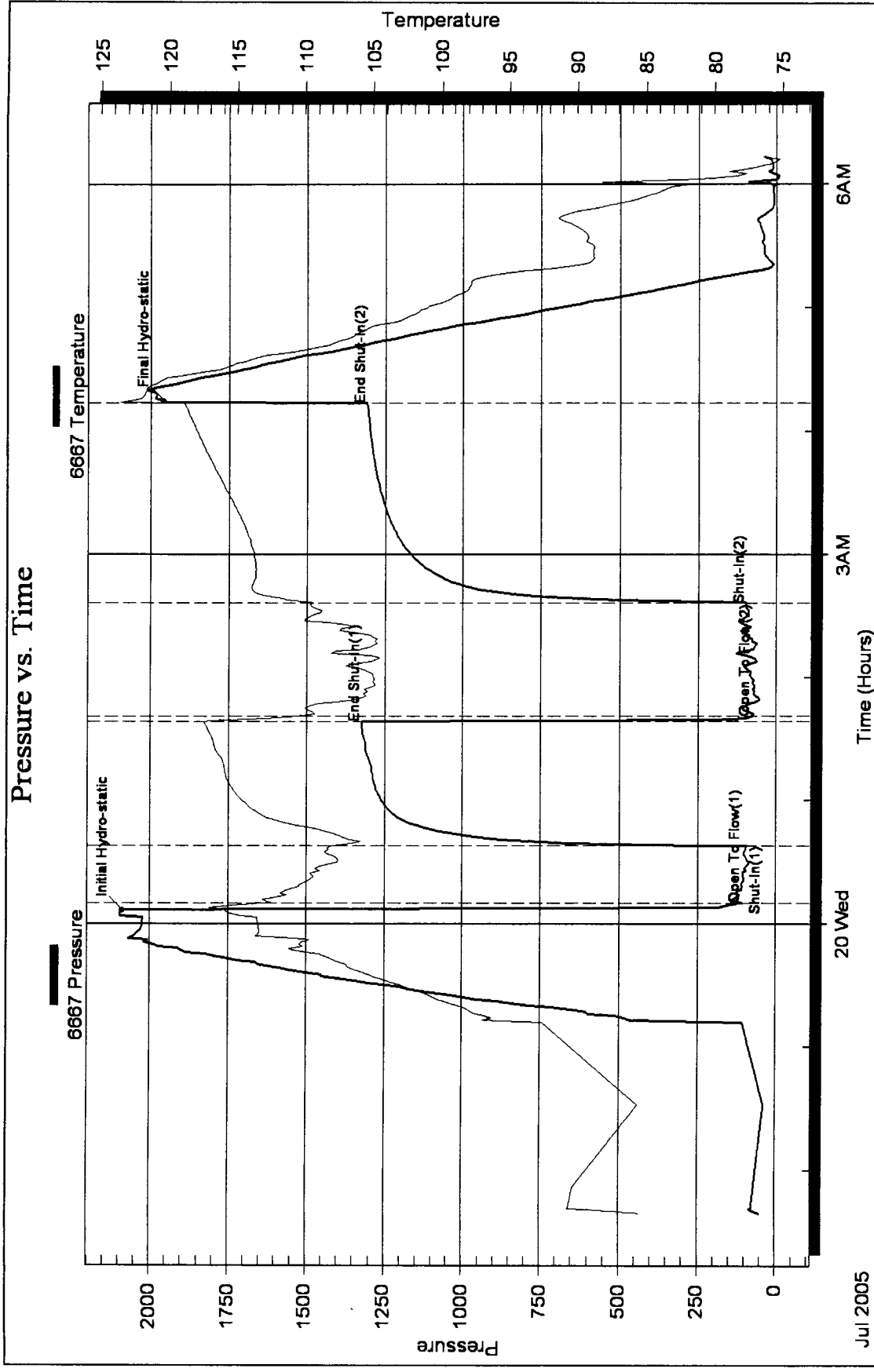
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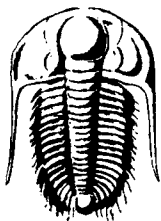
Inside

Imperial Oil Properties, Inc

20-29s-6w Kingman KS

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

INV
1701

No 20769

Test Ticket

Well Name & No. <u>Sowers #20-1</u>	Test No. <u>DST #1</u>	Date <u>7-19-05</u>
Company <u>Imperial Oil Properties, Inc.</u>	Zone Tested <u>Mississippi</u>	
Address <u>200 E. 1st, Suite 413, Wichita, KS 67202</u>	Elevation <u>1547</u>	KB <u>1539</u> GL
Co. Rep / Geo. <u>Jeff Burk</u>	Cont. <u>Duke Drlg Rig #2</u>	Est. Ft. of Pay <u>—</u> Por. <u>—</u> %
Location: Sec. <u>20</u> Twp. <u>29s</u> Rge. <u>6w</u> Co. <u>Kingman</u>	State <u>KS</u>	
No. of Copies <u>—</u>	Disbtribution Sheet (Y, N) <u>—</u>	Turnkey (Y, N) <u>—</u> Evaluation (Y, N) <u>—</u>

Interval Tested <u>4123-4130</u>	Initial Str Wt./Lbs. <u>62000</u>	Unseated Str Wt/Lbs. <u>62000</u>
Anchor Length <u>7</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>69000</u>
Top Packer Depth <u>4118</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4123</u>	Hole Size 7 7/8" <u>YES</u>	Rubber Size 6 3/4" <u>YES</u>
Total Depth <u>4130</u>	Wt. Pipe Run <u>NONE</u>	Drill Collar Run <u>—</u>
Mud Wt. <u>9.2</u> LCM <u>—</u> Vis. <u>44</u> WL <u>10.4</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>4113</u>

Blow Description IF: Strong blow, BOB 15sec.
ISE: Bled off, no blowback.
FF: Strong blow, BOB immediately. GTS 3 min.
PSI: Bled off, no blowback.

Recovery - Total Feet <u>20</u>	GIP <u>APFP</u>	Ft. in DC <u>—</u>	Ft. in DP <u>20</u>
Rec. <u>20</u> Feet of <u>WCM</u>	%gas <u>—</u>	%oil <u>30</u>	%water <u>70</u> %mud
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud
Rec. <u>—</u> Feet of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud
BHT <u>124</u> °F Gravity <u>NC</u>	*API D @ <u>—</u>	*F Corrected Gravity <u>—</u>	*API <u>—</u>
RW <u>.29 Ω</u> @ <u>99</u> °F	Chlorides <u>16000</u> ppm Recovery <u>—</u>	Chlorides <u>4000</u> ppm System	

AK-1	Alpine	
(A) Initial Hydrostatic Mud <u>2079</u> PSI	Recorder No. <u>6667</u>	Test <u>★ 1050</u>
(B) First Initial Flow Pressure <u>175</u> PSI	(depth) <u>4124</u>	Elec. Rec. <u>★</u>
(C) First Final Flow Pressure <u>111</u> PSI	Recorder No. <u>11019</u>	Jars <u>—</u>
(D) Initial Shut-In Pressure <u>1315</u> PSI	(depth) <u>4127</u>	Safety Jt. <u>—</u>
(E) Second Initial Flow Pressure <u>146</u> PSI	Recorder No. <u>—</u>	Circ Sub <u>NC ★</u>
(F) Second Final Flow Pressure <u>105</u> PSI	(depth) <u>—</u>	Sampler <u>—</u>
(G) Final Shut-In Pressure <u>1284</u> PSI	Initial Opening <u>30</u>	Straddle <u>—</u>
(Q) Final Hydrostatic Mud <u>1940</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer <u>—</u>
	Final Flow <u>8090</u>	Shale Packer <u>—</u>
	Final Shut-In <u>90</u>	Mileage <u>121 121</u>
	T-On Location <u>0700</u>	Sub Total: <u>\$1171</u>
	T-Started <u>0736</u>	Std. By <u>—</u>
	T-Open <u>0918</u>	Other <u>—</u>
	T-Pulled <u>1352</u>	Total: <u>—</u>
	T-Out <u>1600</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 [Signature]

Our Representative [Signature]

Thank you



GAS VOLUME REPORT

7-19-05
Mississippi
4123-4130

Imperial Oil Properties, Inc
OPERATOR

Sowers #20-1

WELL NAME AND NO.

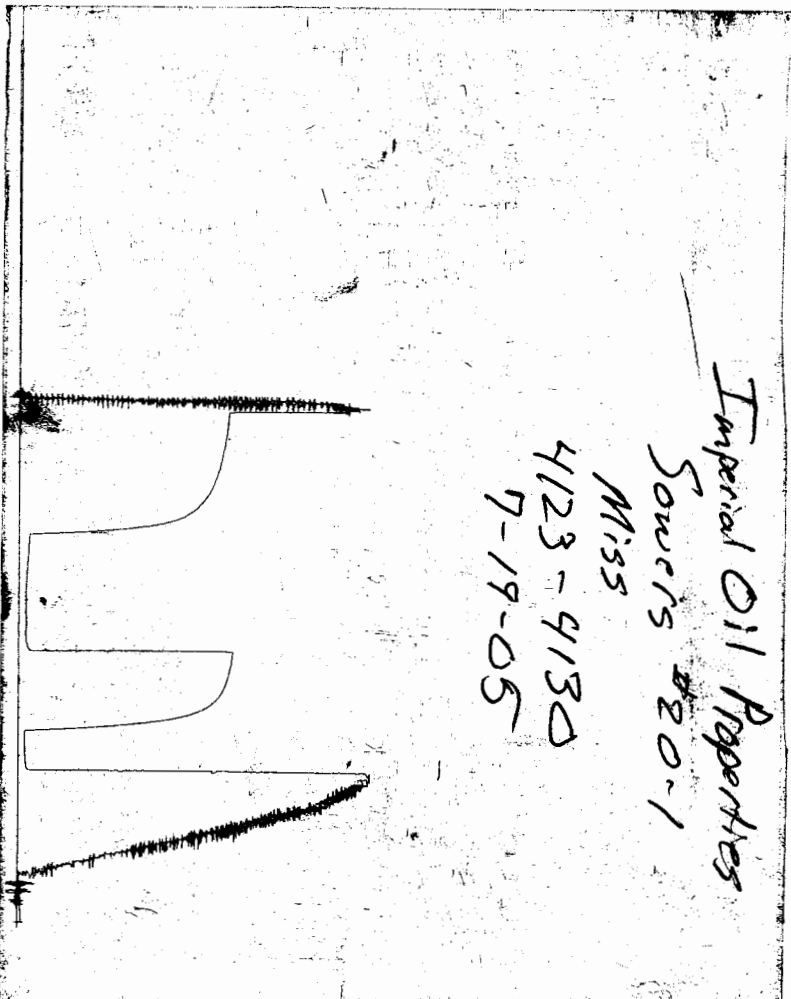
DST NO.

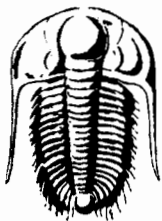
[illegible]

Remarks:

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20770

05/03

Test Ticket

Well Name & No. <u>Sowers #20-1</u>	Test No. <u>2</u>	Date <u>7-20-05</u>
Company <u>Imperial Oil Properties, Inc.</u>	Zone Tested <u>Mississippi</u>	
Address <u>200 E 1st, Suite 413, Wichita, KS 67202</u>	Elevation <u>1547</u>	KB <u>1539</u> GL
Co. Rep / Geo. <u>Jeff Burk</u>	Cont. <u>Duke Drlg Rig #2</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>20</u> Twp. <u>29s</u> Rge. <u>6w</u> Co. <u>Kingman</u>	State <u>Kansas</u>	
No. of Copies <u> </u> Distribution Sheet (Y, N) <u> </u> Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>		

Interval Tested <u>4130 - 4137</u>	Initial Str Wt./Lbs. <u>62000</u>	Unseated Str Wt./Lbs. <u>62000</u>
Anchor Length <u>7</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>75000</u>
Top Packer Depth <u>4125</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4130</u>	Hole Size 7 7/8" <u>YES</u>	Rubber Size 6 3/4" <u>YES</u>
Total Depth <u>4137</u>	Wt. Pipe Run <u>NONE</u>	Drill Collar Run <u>NONE</u>
Mud Wt. <u>9.4</u> LCM <u>Q</u> Vis. <u>48</u> WL <u>10.4</u>	Drill Pipe Size <u>4 1/2" X H</u>	Ft. Run <u>4113</u>
Blow Description <u>IF: Strong blow, BOB 10sec., GTS 9min.</u>		

ISI: Bled off, no blowback
FF: Strong blow, BOB immediately
FSI: Bled off, no blowback.

Recovery - Total Feet <u>30</u>	GIP <u>AFFP</u>	Ft. in DC <u>0</u>	Ft. in DP <u>30</u>
Rec. <u>30</u> Feet of <u>SLOS GCWM</u>	%gas <u>3</u>	%oil <u>42</u>	%water <u>55</u> %mud
Rec. <u> </u> Feet of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud
Rec. <u> </u> Feet of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud
Rec. <u> </u> Feet of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud
Rec. <u> </u> Feet of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud
BHT <u>119</u> °F Gravity <u>WCL</u>	*API D @ <u> </u>	*F Corrected Gravity <u> </u>	*API
RW <u>.172</u> @ <u>75</u> °F	Chlorides <u>36000</u> ppm Recovery <u> </u>	Chlorides <u>5000</u> ppm System	

AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2087</u> PSI	Recorder No. <u>6667</u>	Test <u>★ 1050</u>
(B) First Initial Flow Pressure	<u>109</u> PSI	(depth) <u>4131</u>	Elec. Rec. <u>★</u>
(C) First Final Flow Pressure	<u>94</u> PSI	Recorder No. <u>11019</u>	Jars <u> </u>
(D) Initial Shut-In Pressure	<u>1323</u> PSI	(depth) <u>4134</u>	Safety Jt. <u> </u>
(E) Second Initial Flow Pressure	<u>77</u> PSI	Recorder No. <u> </u>	Circ Sub <u>★</u>
(F) Second Final Flow Pressure	<u>96</u> PSI	(depth) <u> </u>	Sampler <u> </u>
(G) Final Shut-In Pressure	<u>1307</u> PSI	Initial Opening <u>30</u>	Straddle <u> </u>
(Q) Final Hydrostatic Mud	<u>1960</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer <u> </u>
		Final Flow <u>60</u>	Shale Packer <u> </u>
		Final Shut-In <u>90</u>	Mileage <u>121 121</u>
		T-On Location <u>★ 7131/15</u>	Sub Total: <u>\$1171</u>
		T-Started <u>7138</u>	Std. By <u> </u>
Approved By <u> </u>		T-Open <u>0009</u>	Other <u> </u>
		T-Pulled <u>0414</u>	Total: <u> </u>
Our Representative <u> </u>		T-Out <u>0600</u>	

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Mississippi
7-20-05
4130-4137

Imperial Oil Properties, Inc SOWERS #20-1
OPERATOR WELL NAME AND NUMBER

2
OST NO.

[illegible]

CHART PAGE

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

