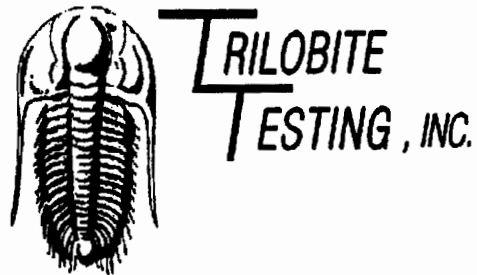


15-151-22246

2-27s-13w



DRILL STEM TEST REPORT

Prepared For: **Walcher Oil CO**

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

2 27 13W Pratt KS

#3 S & S Unit

Start Date: 2006.12.17 @ 01:50:22

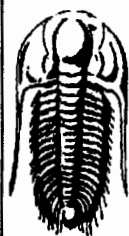
End Date: 2006.12.17 @ 09:47:52

Job Ticket #: 27107 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

Walcher Oil CO

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

#3 S & S Unit

2 27 13W Pratt KS

Job Ticket: 27107

DST#: 1

Test Start: 2006.12.17 @ 01:50:22

GENERAL INFORMATION:

Formation: **Lansing/KC**

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

Time Tool Opened: 03:50:07

Time Test Ended: 09:47:52

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **19**

Interval: **3828.00 ft (KB) To 3840.00 ft (KB) (TVD)**

Total Depth: **3840.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1925.00 ft (KB)**

1917.00 ft (CF)

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

Serial #: **6752**

Inside

Press@RunDepth: **868.49 psig @ 3829.00 ft (KB)**

Start Date: **2006.12.17**

End Date:

2006.12.17

Capacity: **7000.00 psig**

Last Calib.: **2006.12.17**

Start Time: **01:50:27**

End Time:

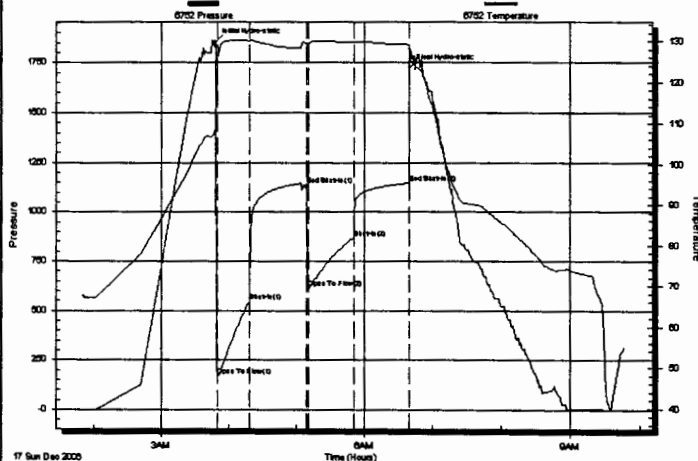
09:47:51

Time On Btm: **2006.12.17 @ 03:47:52**

Time Off Btm: **2006.12.17 @ 06:40:06**

TEST COMMENT: IF Strong Blow BOB in 30 seconds
ISI Bled Off Blow back Built to BOB in 12 minutes
FF Blow Built to 10 inches
FSI Bled Off Blow back Built to 1 1/2 inches

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1853.16	108.46	Initial Hydro-static
3	170.68	125.89	Open To Flow (1)
31	548.39	130.11	Shut-In (1)
82	1137.91	129.61	End Shut-In (1)
83	615.61	129.42	Open To Flow (2)
123	868.49	129.78	Shut-In (2)
172	1146.23	129.15	End Shut-In (2)
173	1722.95	128.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 3780	0.00
1380.00	Salt Water	19.36
120.00	GCMW 5%G 12%M 83%W	1.68
120.00	OGCMW 10%O 20%G 15%M 55%W	1.68
60.00	GSY MCOCW 26%G 12%M 24%O 38%O.84	

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27107

DST#: 1

ATTN: Bruce Reed

Test Start: 2006.12.17 @ 01:50:22

Tool Information

Drill Pipe:	Length:	3814.00 ft	Diameter:	3.80 inches	Volume:	53.50 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	3.25 inches	Volume:	0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	53.50 bbl	Tool Chased	ft
Drill Pipe Above KB:		6.00 ft					String Weight: Initial	53000.00 lb
Depth to Top Packer:		3828.00 ft					Final	59000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		12.00 ft						
Tool Length:		32.00 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			3809.00	
Shut In Tool	5.00			3814.00	
Hydraulic tool	5.00			3819.00	
Packer	5.00			3824.00	20.00 Bottom Of Top Packer
Packer	4.00			3828.00	
Stubb	1.00			3829.00	
Recorder	0.00	6752	Inside	3829.00	
Perforations	8.00			3837.00	
Recorder	0.00	13255	Outside	3837.00	
Bullnose	3.00			3840.00	12.00 Bottom Packers & Anchor
Total Tool Length:	32.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27107

DST#: 1

ATTN: Bruce Reed

Test Start: 2006.12.17 @ 01:50:22

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:

5500 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 3780	0.000
1380.00	Salt Water	19.358
120.00	GCMW 5%G 12%M 83%W	1.683
120.00	OGCMW 10%O 20%G 15%M 55%W	1.683
60.00	GSY MOOCW 26%G 12%M 24%O 38%W	0.842

Total Length: 1680.00 ft

Total Volume: 23.566 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

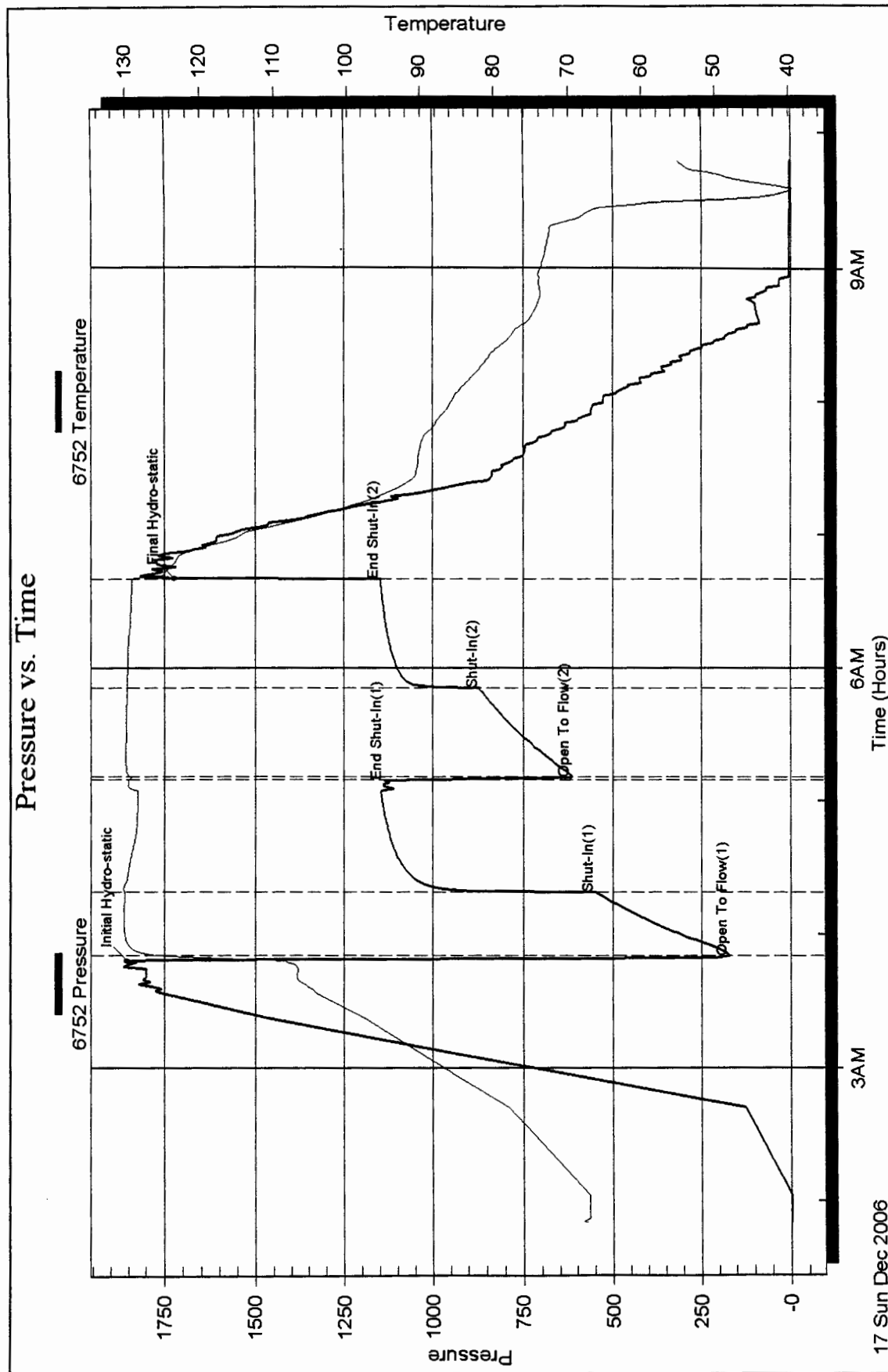
Serial #:

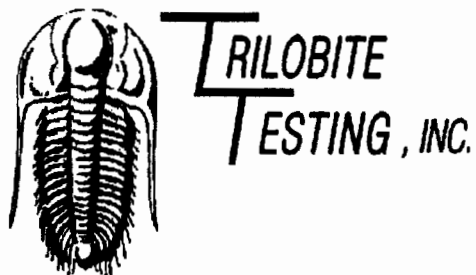
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Walcher Oil CO**

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

2 27 13W Pratt KS

#3 S & S Unit

Start Date: 2006.12.17 @ 17:31:25

End Date: 2006.12.18 @ 01:18:25

Job Ticket #: 27108 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

Walcher Oil CO
150 N Market St Ste 809
Wichita KS 67202
ATTN: Bruce Reed

#3 S & S Unit
2 27 13W Pratt KS
Job Ticket: 27108 **DST#: 2**
Test Start: 2006.12.17 @ 17:31:25

GENERAL INFORMATION:

Formation: **Lansing/KC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:13:40
Time Test Ended: 01:18:25

Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 19

Interval: **3890.00 ft (KB) To 3910.00 ft (KB) (TVD)**
Total Depth: 3910.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1925.00 ft (KB)
1917.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6752

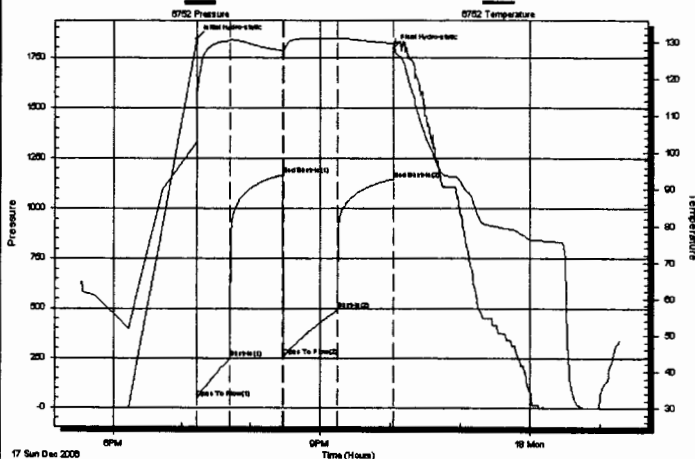
Inside

Press@RunDepth: 491.17 psig @ 3891.00 ft (KB)
Start Date: 2006.12.17 End Date: 2006.12.18
Start Time: 17:31:30 End Time: 01:18:24

Capacity: 7000.00 psig
Last Calib.: 2006.12.18
Time On Btm: 2006.12.17 @ 19:13:25
Time Off Btm: 2006.12.17 @ 22:02:39

TEST COMMENT: IF Strong Blow BOB in 3 1/2 minutes
ISI Bled Off Blow back Built to 3 inches
FF Strong Blow BOB in 5 minutes
FSI Bled Off Blow back Built to 2 1/2 inches

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1843.26	103.10	Initial Hydro-static
1	49.58	115.86	Open To Flow (1)
29	246.38	130.50	Shut-In(1)
75	1167.38	127.72	End Shut-In(1)
75	255.97	127.60	Open To Flow (2)
122	491.17	130.98	Shut-In(2)
169	1146.42	129.72	End Shut-In(2)
170	1795.84	129.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 2890	0.00
600.00	Muddy Water 5%M 95%W	8.42
120.00	GCMW 5%G 20%M 75%W	1.68
40.00	GSY MWCO 5%G 10%M 34%W 51%CO.56	

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27108

DST#: 2

ATTN: Bruce Reed

Test Start: 2006.12.17 @ 17:31:25

Tool Information

Drill Pipe:	Length: 3877.00 ft	Diameter: 3.80 inches	Volume: 54.38 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	54.38 bbl	Tool Chased	ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3890.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	40.00 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			3871.00	
Shut In Tool	5.00			3876.00	
Hydraulic tool	5.00			3881.00	
Packer	5.00			3886.00	20.00 Bottom Of Top Packer
Packer	4.00			3890.00	
Stubb	1.00			3891.00	
Recorder	0.00	6752	Inside	3891.00	
Perforations	16.00			3907.00	
Recorder	0.00	13255	Outside	3907.00	
Bullnose	3.00			3910.00	20.00 Bottom Packers & Anchor
Total Tool Length:		40.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27108

DST#: 2

ATTN: Bruce Reed

Test Start: 2006.12.17 @ 17:31:25

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: 95000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 2890	0.000
600.00	Muddy Water 5%M 95%W	8.416
120.00	GCMW 5%G 20%M 75%W	1.683
40.00	GSY MWCO 5%G 10%M 34%W 51%O	0.561

Total Length: 760.00 ft

Total Volume: 10.660 bbl

Num Fluid Samples: 0

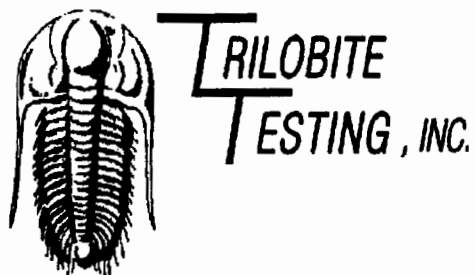
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

Prepared For: **Walcher Oil CO**

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

2 27 13W Pratt KS

#3 S & S Unit

Start Date: 2006.12.18 @ 10:58:24

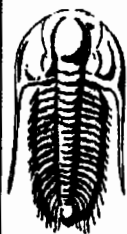
End Date: 2006.12.18 @ 14:55:54

Job Ticket #: 27109 DST #: 3

Trilobite Testing, Inc

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Walcher Oil CO

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

#3 S & S Unit

2 27 13W Pratt KS

Job Ticket: 27109

DST#: 3

Test Start: 2006.12.18 @ 10:58:24

GENERAL INFORMATION:

Formation: **Lansing/KC**

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

Time Tool Opened: 12:30:24

Time Test Ended: 14:55:54

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **19**

Interval: **3973.00 ft (KB) To 3990.00 ft (KB) (TVD)**

Total Depth: **3990.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1925.00 ft (KB)**

1917.00 ft (CF)

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

Serial #: **6752**

Inside

Press@RunDepth: **12.43 psig @ 3974.00 ft (KB)**

Start Date: **2006.12.18**

End Date:

2006.12.18

Capacity: **7000.00 psig**

Last Calib.: **2006.12.18**

Start Time: **10:58:29**

End Time:

14:55:54

Time On Btrr: **2006.12.18 @ 12:20:24**

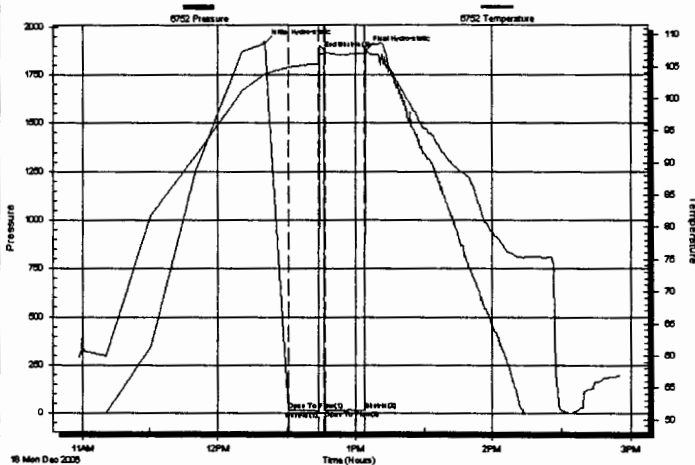
Time Off Btrr: **2006.12.18 @ 13:04:24**

TEST COMMENT: **IF No Blow**

ISI No Blowback

FF No Blow Tried to flush tool Pulled loose re-opened still No Blow Pulled Test

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1915.31	103.94	Initial Hydro-static
10	15.42	104.95	Open To Flow (1)
24	12.43	105.45	Shut-In (1)
26	1884.84	106.98	End Shut-In (1)
26	15.22	107.08	Open To Flow (2)
44	17.48	107.09	Shut-In (2)
44	1877.79	108.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DRLG MUD	0.07

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27109

DST#: 3

ATTN: Bruce Reed

Test Start: 2006.12.18 @ 10:58:24

Tool Information

Drill Pipe:	Length: 3969.00 ft	Diameter: 3.80 inches	Volume: 55.67 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 55.67 bbl		Tool Chased ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3973.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 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			3954.00	
Shut In Tool	5.00			3959.00	
Hydraulic tool	5.00			3964.00	
Packer	5.00			3969.00	20.00 Bottom Of Top Packer
Packer	4.00			3973.00	
Stubb	1.00			3974.00	
Recorder	0.00	6752	Inside	3974.00	
Perforations	13.00			3987.00	
Recorder	0.00	13255	Outside	3987.00	
Bullnose	3.00			3990.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27109

DST#: 3

ATTN: Bruce Reed

Test Start: 2006.12.18 @ 10:58:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 99.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	DRLG MUD	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

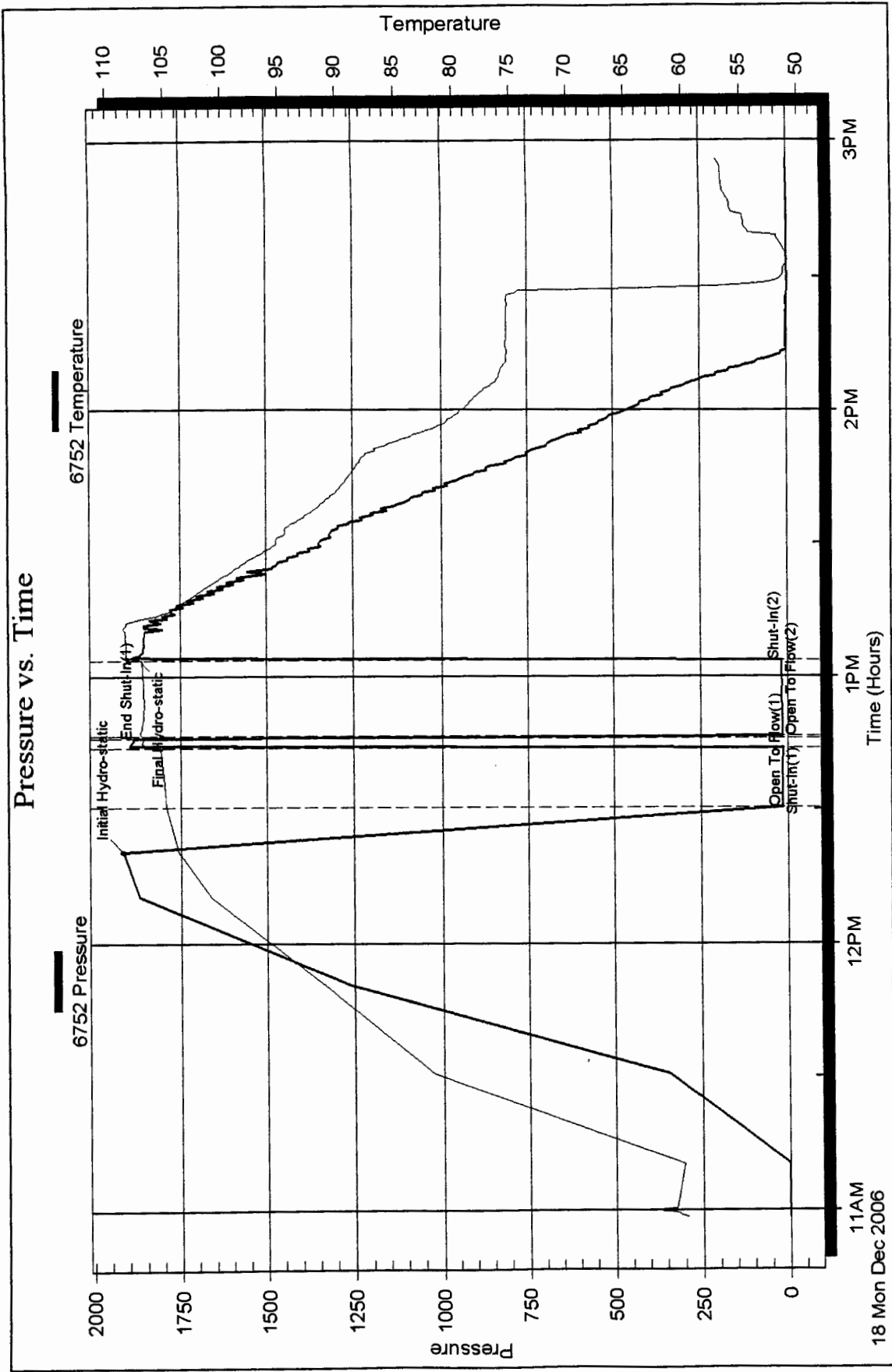
Num Gas Bombs: 0

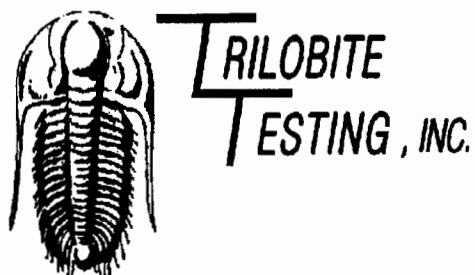
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Walcher Oil CO**

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

2 27 13W Pratt KS

#3 S & S Unit

Start Date: 2006.12.19 @ 20:22:51

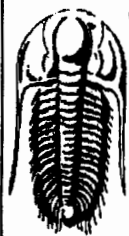
End Date: 2006.12.20 @ 03:49:51

Job Ticket #: 27110 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Walcher Oil CO
150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

#3 S & S Unit

2 27 13W Pratt KS

Job Ticket: 27110

DST#: 4

Test Start: 2006.12.19 @ 20:22:51

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:46:51

Time Test Ended: 03:49:51

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 19

Interval: 4363.00 ft (KB) To 4375.00 ft (KB) (TVD)

Total Depth: 4375.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1925.00 ft (KB)

1917.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 26.59 psig @ 4364.00 ft (KB)

Start Date: 2006.12.19

End Date:

2006.12.20

Capacity: 7000.00 psig

Last Calib.: 2006.12.20

Start Time: 20:22:56

End Time:

03:49:50

Time On Btm: 2006.12.19 @ 22:46:36

Time Off Btm: 2006.12.20 @ 01:34:50

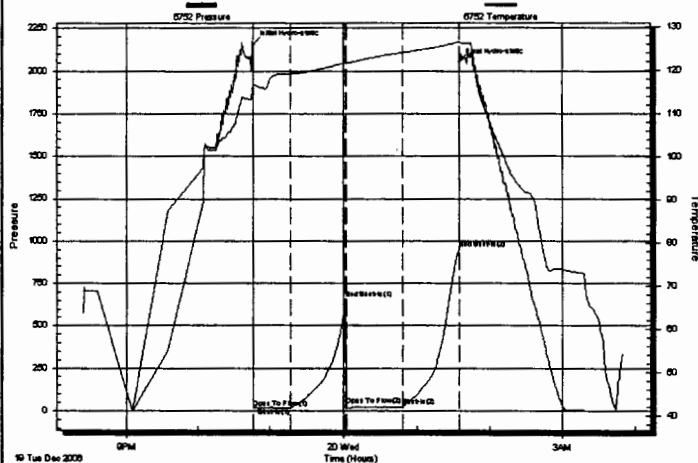
TEST COMMENT: IF Fair Blow Built to 8 1/2 inches

ISI Bled Off No Blow back

FF Strong Blow BOB Immediate

FSI Bled Off No Blow back

Pressure vs. Time



PRESSURE SUMMARY

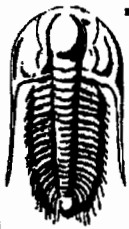
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.57	116.60	Initial Hydro-static
1	19.01	116.15	Open To Flow (1)
31	18.86	119.22	Shut-In (1)
76	657.35	121.83	End Shut-In (1)
76	31.39	121.65	Open To Flow (2)
122	26.59	124.09	Shut-In (2)
168	953.61	126.46	End Shut-In (2)
169	2051.16	126.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 420	0.00
30.00	WOCM 8%W 14%O 78%M	0.42

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Walcher Oil CO

150 N Market St Ste 809
Wichita KS 67202

ATTN: Bruce Reed

#3 S & S Unit

2 27 13W Pratt KS

Job Ticket: 27110

DST#: 4

Test Start: 2006.12.19 @ 20:22:51

Tool Information

Drill Pipe:	Length: 4347.00 ft	Diameter: 3.80 inches	Volume: 60.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	60.98 bbl	Tool Chased ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4363.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	32.00 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			4344.00	
Shut In Tool	5.00			4349.00	
Hydraulic tool	5.00			4354.00	
Packer	5.00			4359.00	20.00 Bottom Of Top Packer
Packer	4.00			4363.00	
Stubb	1.00			4364.00	
Recorder	0.00	6752	Inside	4364.00	
Perforations	8.00			4372.00	
Recorder	0.00	13255	Outside	4372.00	
Bullnose	3.00			4375.00	12.00 Bottom Packers & Anchor
Total Tool Length:	32.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Walcher Oil CO

#3 S & S Unit

150 N Market St Ste 809
Wichita KS 67202

2 27 13W Pratt KS

Job Ticket: 27110

DST#: 4

ATTN: Bruce Reed

Test Start: 2006.12.19 @ 20:22:51

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 420	0.000
30.00	WOCM 8%W 14%O 78%M	0.421

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

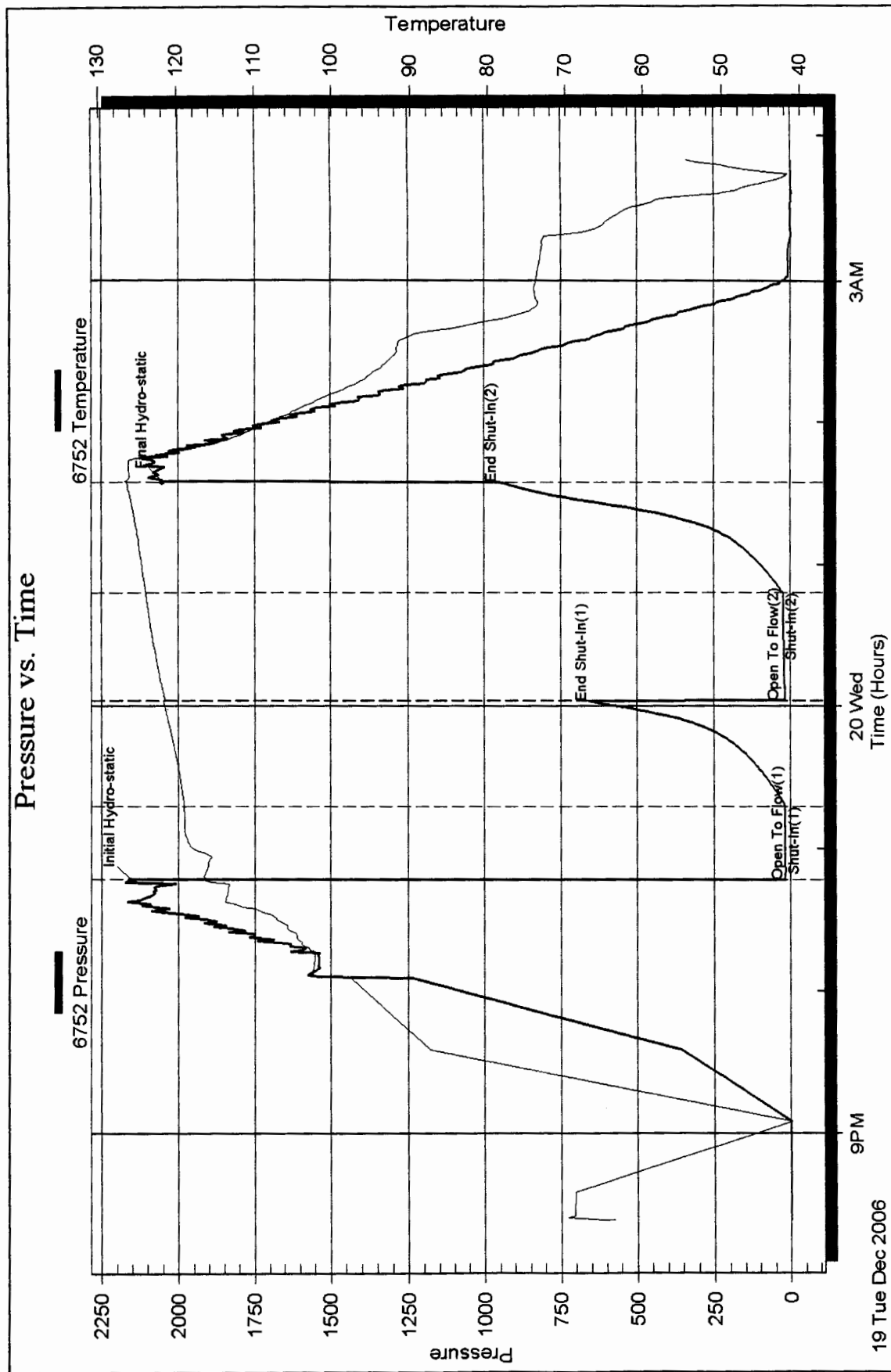
Serial #:

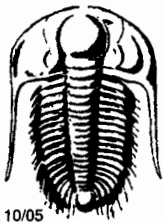
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27107

NEW
9668

Test Ticket

Well Name & No. #3 ~~W~~ S&S unit Test No. 1 Date 12/17/06
 Company Walcher oil co. Zone Tested Lansing/KC
 Address 150 N. Market ST STE 809 Wichita, KS 67202 Elevation 1925 KB 1917 GL
 Co. Rep / Geo. Bruce Reed Rig Duke Drilling Co. Rig #8
 Location: Sec. 2 Twp. 27 Rge. 13 W Co. Pratt State KS
 Comment: _____ Release date / time: _____

Interval Tested 3828 - 3840 Initial Str Wt./Lbs. 53000 Unseated Str Wt./Lbs. 59000
 Anchor Length 12 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3824 Tool Weight 2100
 Bottom Packer Depth 3828 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3840 Wt. Pipe Run N/A Drill Collar Run 0
 Mud Wt. 9.0 LCM Vis. 45 WL 11.2 Drill Pipe Size 4 1/2 Ft. Run 3814

Blow Description IF: Strong Blow, BOB in 30 seconds
ISI: Bled off, Blowback built to BOB in 12 minutes
FF: Fair blow, built to 10 inches
FSI: Bled off, Blowback built to 1 1/2 inches

Recovery - Total Feet 1680 GIP 3780 Ft. in DC 0 Ft. in DP 1680
 Rec. 1380 Feet of salt water %gas %oil 100% water %mud
 Rec. 120 Feet of GCMW 5% gas %oil 83% water 12% mud
 Rec. 120 Feet of OGCMW 20% gas 10% oil 55% water 15% mud
 Rec. 60 Feet of GSR MCOCW 26% gas 24% oil 38% water 12% mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 129 °F Gravity N/C API D @ N/C °F Corrected Gravity N/C API
 RW .20 @ 39 °F Chlorides 5500 ppm Recovery _____ Chlorides 8,000 ppm System

AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1853</u> PSI	Recorder No. <u>6752</u>	Test <u>✓</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>171</u> PSI	(depth) <u>3829</u> 3828	Jars _____
(C) First Final Flow Pressure	<u>548</u> PSI	Recorder No. <u>13255</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1138</u> PSI	(depth) <u>3837</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>616</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>868</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1146</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1821</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
		Final Flow <u>45</u>	Ruined Packer _____
		Final Shut-In <u>45</u>	Mileage <u>108</u> <u>1250</u>
		T-On Location <u>00:00</u>	Sub Total: _____
		T-Started <u>01:50</u>	Std. By <u>1.75</u> <u>175</u>
		T-Open <u>03:50</u>	Acc. Chg: _____
		T-Pulled <u>0639</u>	Other: _____
		T-Out <u>0947</u>	Total: <u>\$1287.50</u>

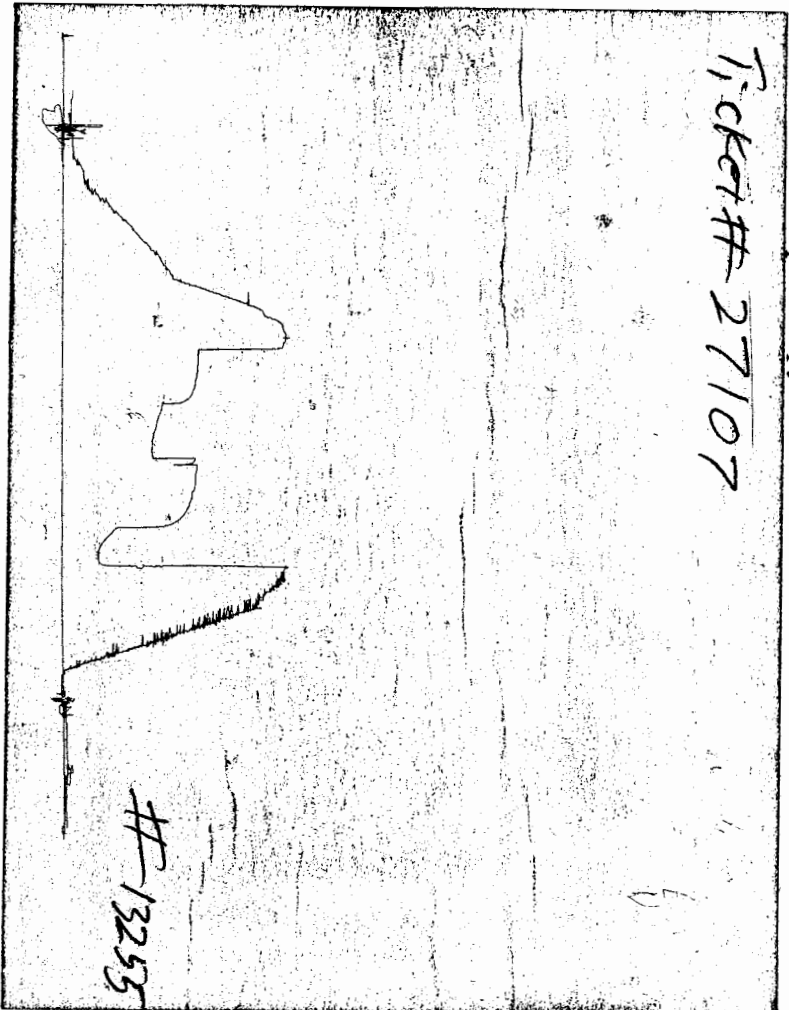
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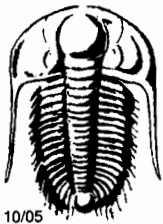
Approved By Bruce Reed
 Our Representative John A. Reed

CHART PAGE

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

Ticket # 27107





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27108

Test Ticket

Well Name & No. #3 S+S Unit Test No. 2 Date 12/17/06
 Company Walcher Oil Co. Zone Tested Lansing / KC
 Address 150 N. Market & STE 809 Wichita KS 67202 Elevation 1925 KB 1917 GL
 Co. Rep / Geo. Bruce Reed Rig Duke Drilling Co. Rig #8
 Location: Sec. 2 Twp. 27 Rge. 13W Co. Pratt State KS
 Comment: Dropped Bar, reversed out Release date / time: _____

Interval Tested 3890 - 3910 Initial Str Wt./Lbs. 58,000 Unseated Str Wt./Lbs. 59,000
 Anchor Length 20 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3886 Tool Weight 2100
 Bottom Packer Depth 3890 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 3910 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.0 LCM 1 Vis. 47 WL 12.8 Drill Pipe Size 4 1/2 Ft. Run 3877
 Blow Description IF: Strong Blow, BOB in 3 1/2 minutes
ISI: Bled off, Blowback built to 3 inches
FF: Strong Blow, BOB in 5 minutes
FSI: Bled off, Blowback built to 2 1/2 inches
 Recovery - Total Feet 760 GIP 2890 Ft. in DC 0 Ft. in DP 760
 Rec. 600 Feet of Muddy Water %gas %oil 95%water 5%mud
 Rec. 120 Feet of GCMW 5 %gas %oil 75%water 20%mud
 Rec. 40 Feet of GSR MWCO 5 %gas 51 %oil 34%water 10%mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 130 °F Gravity N/C API D @ N/C °F Corrected Gravity N/C API
 RW .17 @ 34 °F Chlorides 95000 ppm Recovery _____ Chlorides 11,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1843	PSI	Recorder No.	6752	Test	✓	1100
(B) First Initial Flow Pressure			50	PSI	(depth)	3891	Jars		
(C) First Final Flow Pressure			246	PSI	Recorder No.	13255	Safety Jt.		
(D) Initial Shut-In Pressure			1167	PSI	(depth)	3907	Circ Sub		
(E) Second Initial Flow Pressure			256	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure			491	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure			1146	PSI	Initial Opening	30	Ext. Packer		
(Q) Final Hydrostatic Mud			1820	PSI	Initial Shut-In	45	Shale Packer		
					Final Flow	45	Ruined Packer		
					Final Shut-In	45	Mileage	100	1200
					T-On Location	1700	Sub Total:		
					T-Started	1731	Std. By		
					T-Open	1913	Acc. Chg:	\$1112.50	
					T-Pulled	2202	Other:		
					T-Out	0118	Total:		

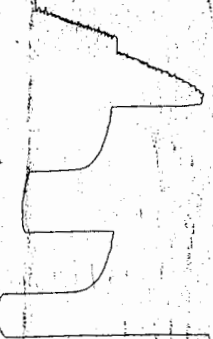
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Approved By [Signature]
 Our Representative [Signature]

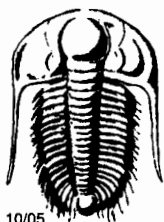
CHART PAGE

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

Ticket # 27108



13255



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27109

Test Ticket

Well Name & No. #3 S+S Unit Test No. 3 Date 12/18/06
Company Walcher Oil Co. Zone Tested Lansing / KS
Address 150 N. Market ST STE 809 Wichita KS 67202 Elevation 1925 KB 1917 GL
Co. Rep / Geo. Bruce Reed Rig Duke Drilling Co. Rig #8
Location: Sec. 2 Twp. 27 Rge. 13 W Co. Pratt State KS
Comment: Pulled during second opening Release date / time: _____

Interval Tested 3973 - 3990 Initial Str Wt./Lbs. 53000 Unseated Str Wt./Lbs. 53000
Anchor Length 17 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 60000
Top Packer Depth 3969 Tool Weight 2100
Bottom Packer Depth 3973 Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
Total Depth 3990 Wt. Pipe Run 0 Drill Collar Run 0
Mud Wt. 8.6 LCM 48 WL 12.8 Drill Pipe Size 4 1/2 Ft. Run 3969

Blow Description FE: NO BLOW

ISI: NO Blowback

FE: NO BLOW, TRIED TO Flush tool, reopened, still no blow

ESI:

Recovery - Total Feet 5 GIP _____ Ft. in DC _____ Ft. in DP 5
Rec. 5 Feet of Drilg mud %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 107 °F Gravity N/C °API D @ N/C °F Corrected Gravity N/C °API
RW N/A @ N/A °F Chlorides N/C ppm Recovery N/C Chlorides 1100 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>1915</u>	PSI	Recorder No.	<u>6752</u>	Test	<u>✓ 1100</u>
(B) First Initial Flow Pressure	<u>14</u>	PSI	(depth)	<u>3974</u>	Jars	_____
(C) First Final Flow Pressure	<u>12</u>	PSI	Recorder No.	<u>13255</u>	Safety Jt.	_____
(D) Initial Shut-In Pressure	<u>1885</u>	PSI	(depth)	<u>3987</u>	Circ Sub	_____
(E) Second Initial Flow Pressure	<u>15</u>	PSI	Recorder No.	_____	Sampler	_____
(F) Second Final Flow Pressure	<u>17</u>	PSI	(depth)	_____	Straddle	_____
(G) Final Shut-In Pressure	<u>1862</u>	PSI	Initial Opening	<u>3</u>	Ext. Packer	_____
(Q) Final Hydrostatic Mud	<u>1878</u>	PSI	Initial Shut-In	<u>3</u>	Shale Packer	_____

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Approved By Bruce Reed

Our Representative [Signature]

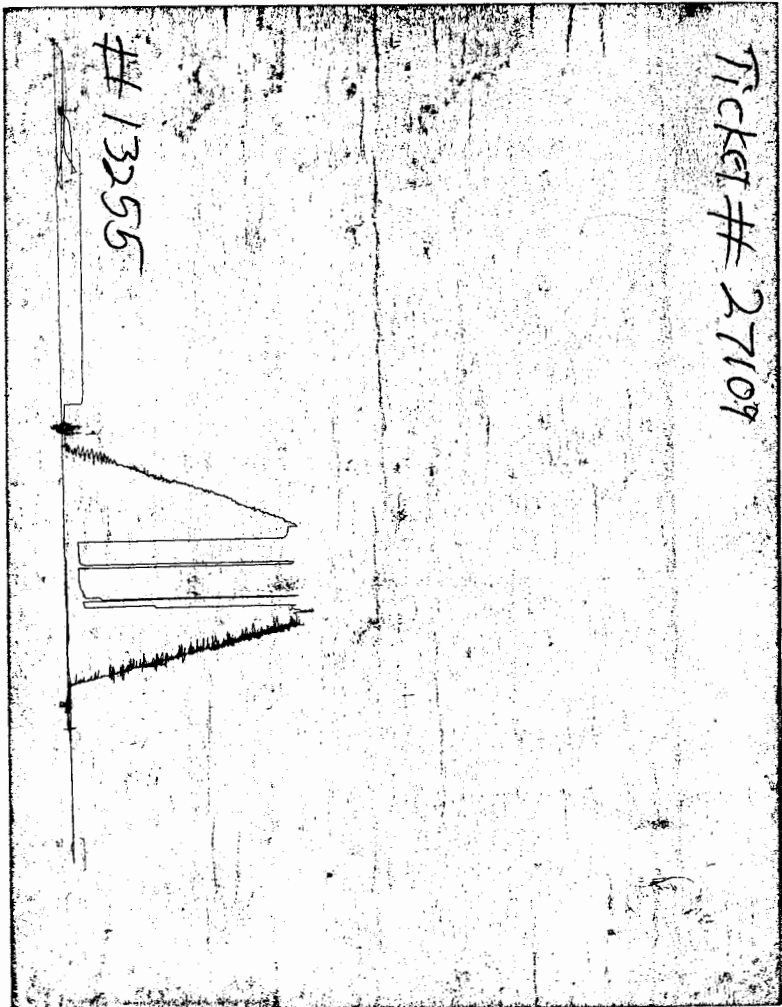
Final Flow 17
Final Shut-In 1
T-On Location 1045
T-Started 1058
T-Open 1240
T-Pulled 1303
T-Out 1455
Mileage 109 12.50
Sub Total: _____
Std. By _____
Acc. Chg: _____
Other: \$1112.50
Total: \$1112.50

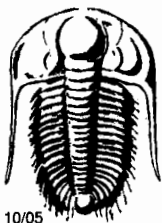
CHART PAGE

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Ticket # 27109

13255





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27110

Test Ticket

Well Name & No. #3 S+S unit Test No. 4 Date 12/19/06
 Company Walcher Oil Co. Zone Tested Arbuckle
 Address 150 N. Market St STE 809 Elevation 1925 KB 1917 GL
 Co. Rep / Geo. Bruce Reed Rig Duke Drilling Co. Rig #8
 Location: Sec. 2 Twp. 27 Rge. 13 W Co. Pratt State KS
 Comment: _____ Release date / time: _____

Interval Tested 4363 - 4375 Initial Str Wt./Lbs. 58000 Unseated Str Wt./Lbs. 58000
 Anchor Length _____ Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 65000
 Top Packer Depth 4359 Tool Weight 2100
 Bottom Packer Depth 4368 Hole Size 7 7/8" Rubber Size 6 3/4" X
 Total Depth 4375 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 8.8 LCM Vis. 57 WL 12.8 Drill Pipe Size 4 1/2 Ft. Run 4347

Blow Description IF: Fair Blow, Built to 8 1/2 inches

IS: Bled off, no Blowback

FF: Strong Blow, BOB immediate

FSI: Bled off, no Blowback

Recovery - Total Feet 30 GIP 420 Ft. in DC 0 Ft. in DP 30
 Rec. 30 Feet of WOCM %gas 14 %oil 8 %water 78 %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 126 °F Gravity N/C °API D @ N/C °F Corrected Gravity N/C °API
 RW N/C @ N/C °F Chlorides N/C ppm Recovery N/C Chlorides 2000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2235</u> PSI	<u>1000</u>	<u>1200</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>19</u> PSI	(depth)	Jars
(C) First Final Flow Pressure	<u>12.86</u> PSI	Recorder No. <u>6752</u>	Safety Jt.
(D) Initial Shut-In Pressure	<u>657</u> PSI	(depth) <u>4364</u>	Circ Sub
(E) Second Initial Flow Pressure	<u>31</u> PSI	Recorder No. <u>13255</u>	Sampler
(F) Second Final Flow Pressure	<u>26</u> PSI	(depth) <u>4372</u>	Straddle
(G) Final Shut-In Pressure	<u>954</u> PSI	Initial Opening <u>30</u>	Ext. Packer
(Q) Final Hydrostatic Mud	<u>2084</u> PSI	Initial Shut-In <u>45</u>	Shale Packer
		Final Flow <u>45</u>	Ruined Packer
		Final Shut-In <u>45</u>	Mileage <u>10</u> <u>12.50</u>

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Approved By Bruce Reed

Our Representative LPA

T-On Location 1900

T-Started 2022

T-Open 2246

T-Pulled 0134

T-Out 0349

Sub Total:

Std. By 3/4 75

Acc. Chg:

Other:

Total: \$1187.50

CHART PAGE

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

