

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves Inc**

250 N Rock Rd Ste 130
Wichita KS 67206

ATTN: Terry McLeod

17 28 9W Kingman KS

Leiter / TC

Start Date: 2006.04.19 @ 04:37:02

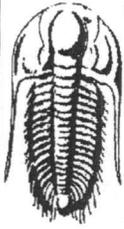
End Date: 2006.04.19 @ 12:13:02

Job Ticket #: 24120 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

National Petroleum Reserves Inc

250 N Rock Rd Ste 130
Wichita KS 67206

ATTN: Terry McLeod

Leiter / TC

17 28 9W Kingman KS

Job Ticket: 24120

DST#: 1

Test Start: 2006.04.19 @ 04:37:02

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:57:32

Time Test Ended: 12:13:02

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 30

Interval: **4050.00 ft (KB) To 4082.00 ft (KB) (TVD)**

Total Depth: 4082.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1696.00 ft (KB)

1687.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6668**

Inside

Press@RunDepth: 55.52 psig @ 4051.00 ft (KB)

Start Date: 2006.04.19

End Date:

2006.04.19

Capacity: 7000.00 psig

Last Calib.: 2006.04.19

Start Time: 04:37:03

End Time:

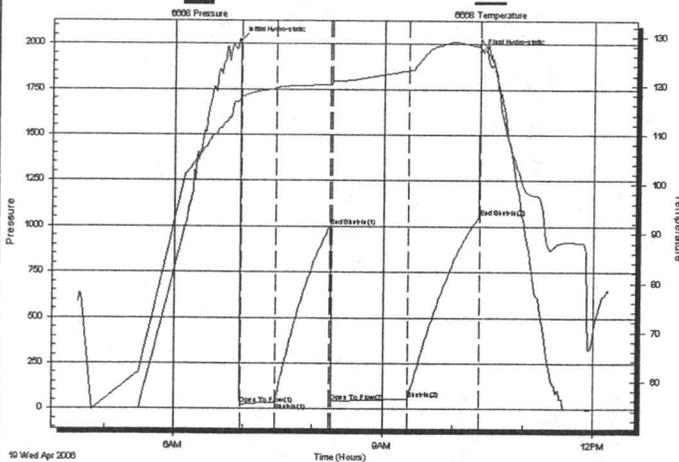
12:13:02

Time On Btm: 2006.04.19 @ 06:56:47

Time Off Btm: 2006.04.19 @ 10:22:32

TEST COMMENT: IF Strong blow BOB 2"
ISI Bled off no blow back
FF Strong blow BOB 4 sec
FSI Bled off no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2018.48	117.12	Initial Hydro-static
1	22.66	116.80	Open To Flow (1)
31	35.12	119.42	Shut-In(1)
78	997.92	120.25	End Shut-In(1)
80	39.08	120.85	Open To Flow (2)
145	55.52	123.02	Shut-In(2)
206	1052.22	127.97	End Shut-In(2)
206	1954.46	129.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	GCSOWCM 20%G 2%W 4%O 74%M	0.39
0.00	2200' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves Inc

250 N Rock Rd Ste 130
Wichita KS 67206

ATTN: Terry McLeod

Leiter / TC

17 28 9W Kingman KS

Job Ticket: 24120

DST#: 1

Test Start: 2006.04.19 @ 04:37:02

Tool Information

Drill Pipe:	Length: 3808.00 ft	Diameter: 3.80 inches	Volume: 53.42 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: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 66000.00 lb
		Total Volume: 54.62 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4050.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	54.00 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			4033.00	
Hydraulic tool	5.00			4038.00	
Safety Joint	2.00			4040.00	
Packer	5.00			4045.00	22.00 Bottom Of Top Packer
Packer	5.00			4050.00	
Stubb	1.00			4051.00	
Recorder	0.00	6668	Inside	4051.00	
Perforations	27.00			4078.00	
Recorder	0.00	13769	Outside	4078.00	
Bullnose	4.00			4082.00	32.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

Job Ticket: 24120

DST#: 1

ATTN: Terry McLeod

Test Start: 2006.04.19 @ 04:37:02

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: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	GCSOWCM 20%G 2%W 4%O 74%M	0.393
0.00	2200' GIP	0.000

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

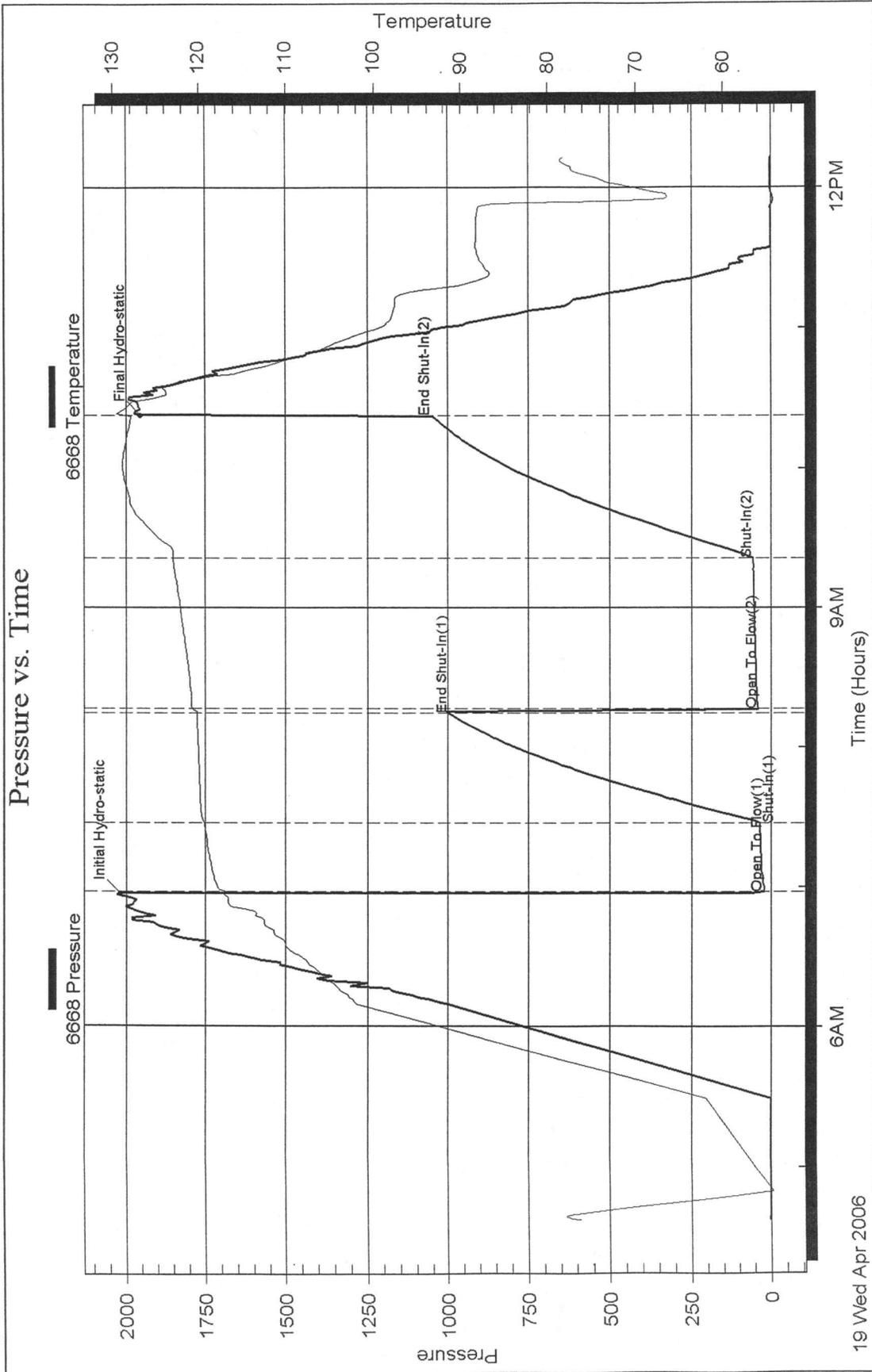
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



19 Wed Apr 2006



DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves Inc**

250 N Rock Rd Ste 130
Wichita KS 67206

ATTN: Terry McLeod

17 28 9W Kingman KS

Leiter / TC

Start Date: 2006.04.19 @ 17:12:01

End Date: 2006.04.20 @ 00:25:31

Job Ticket #: 24121 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

National Petroleum Reserves Inc

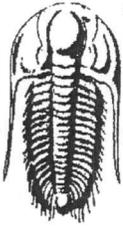
Leiter / TC

17 28 9W Kingman KS

DST # 2

Mississippian

2006.04.19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

ATTN: Terry McLeod

Job Ticket: 24121

DST#: 2

Test Start: 2006.04.19 @ 17:12:01

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:03:16
 Time Test Ended: 00:25:31

Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 30

Interval: **4080.00 ft (KB) To 4100.00 ft (KB) (TVD)**
 Total Depth: 4100.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1696.00 ft (KB)
 1687.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6668

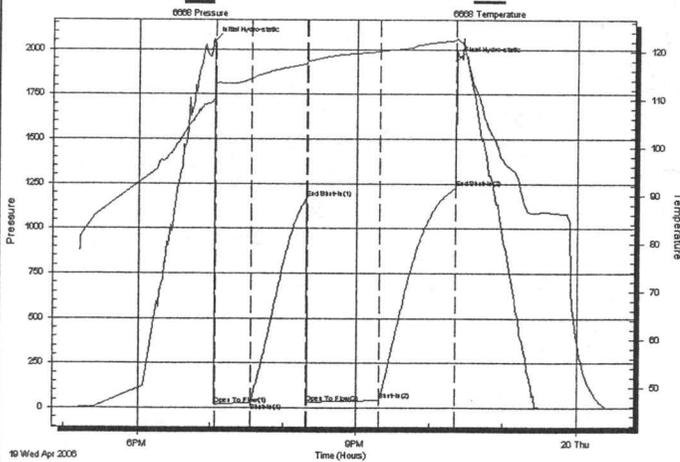
Inside

Press@RunDepth: 42.84 psig @ 4081.00 ft (KB)
 Start Date: 2006.04.19 End Date: 2006.04.20
 Start Time: 17:12:02 End Time: 00:25:31

Capacity: 7000.00 psig
 Last Calib.: 2006.04.20
 Time On Btm: 2006.04.19 @ 19:02:31
 Time Off Btm: 2006.04.19 @ 22:21:16

TEST COMMENT: IF Fairly strong blow building to BOB in 12.5"
 ISI Bled off no blow back
 FF Strong blow building to BOB in 10 seconds.
 FSI Bled off no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2043.55	110.08	Initial Hydro-static
1	18.55	112.65	Open To Flow (1)
31	28.12	114.37	Shut-In(1)
77	1169.48	117.48	End Shut-In(1)
77	24.05	118.22	Open To Flow (2)
137	42.84	119.99	Shut-In(2)
199	1225.73	122.40	End Shut-In(2)
199	1937.70	122.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	HGCOWCM 30%G 20%O 20%W 30%M	0.34
0.00	1550' GIP	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

Job Ticket: 24121

DST#: 2

ATTN: Terry McLeod

Test Start: 2006.04.19 @ 17:12:01

Tool Information

Drill Pipe:	Length: 3839.00 ft	Diameter: 3.80 inches	Volume: 53.85 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: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 55.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4080.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	42.00 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			4063.00	
Hydraulic tool	5.00			4068.00	
Safety Joint	2.00			4070.00	
Packer	5.00			4075.00	22.00 Bottom Of Top Packer
Packer	5.00			4080.00	
Stubb	1.00			4081.00	
Recorder	0.00	6668	Inside	4081.00	
Perforations	15.00			4096.00	
Recorder	0.00	13769	Outside	4096.00	
Bullnose	4.00			4100.00	20.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

Job Ticket: 24121

DST#: 2

ATTN: Terry McLeod

Test Start: 2006.04.19 @ 17:12:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 12.78 in³

Resistivity: ohm.m

Salinity: 7000.00 ppm

Filter Cake: 0.04 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	HGCOWCM 30%G 20%O 20%W 30%M	0.344
0.00	1550' GIP	0.000

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

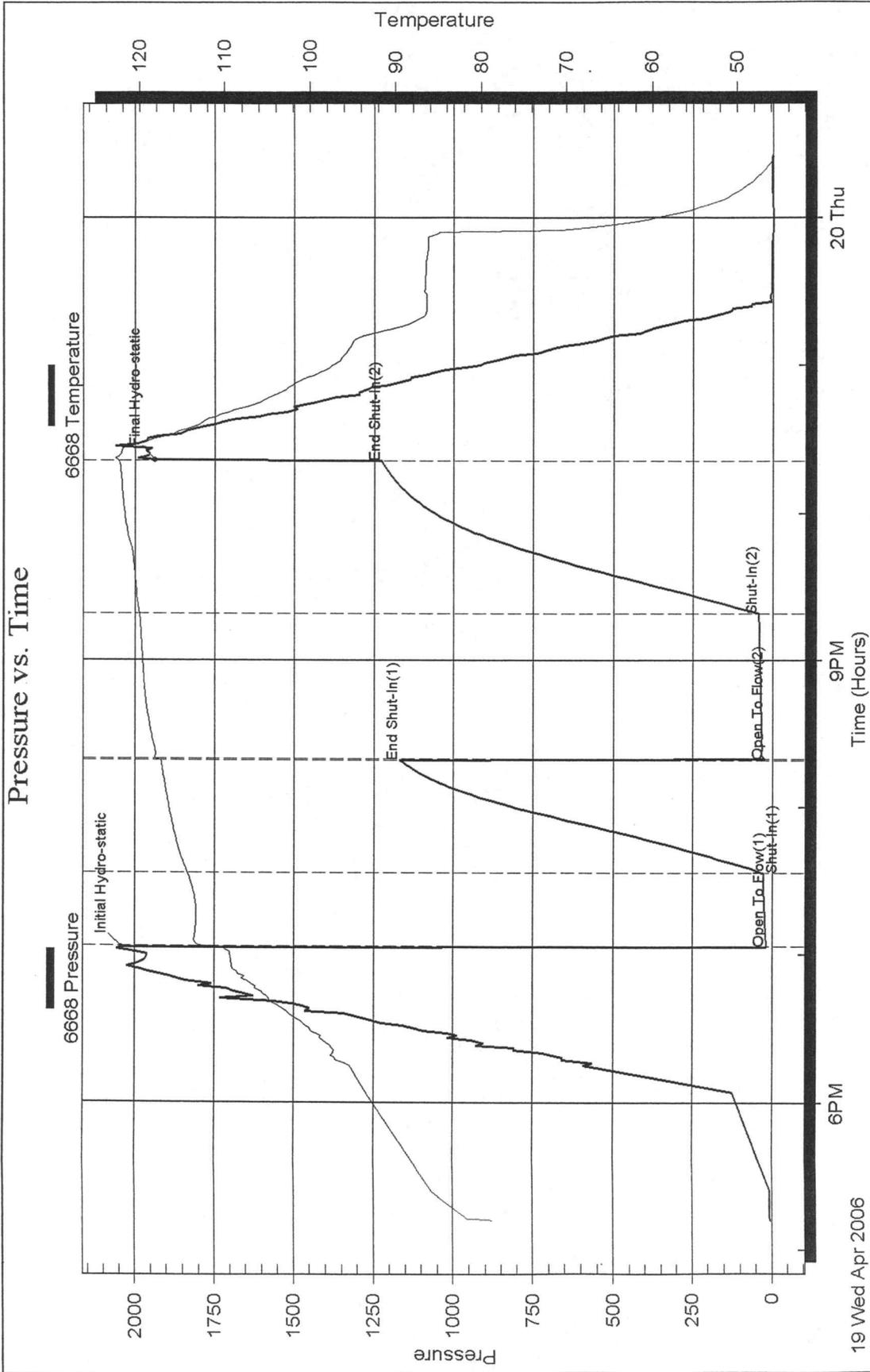
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **National Petroleum Reserves Inc**

250 N Rock Rd Ste 130
Wichita KS 67206

ATTN: Terry McLeod

17 28 9W Kingman KS

Leiter / TC

Start Date: 2006.04.21 @ 04:44:10

End Date: 2006.04.21 @ 14:04:10

Job Ticket #: 24122 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

National Petroleum Reserves Inc

Leiter / TC

17 28 9W Kingman KS

DST # 3

VIOLA

2006.04.21



**TRILOBITE
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DRILL STEM TEST REPORT

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

Job Ticket: 24122

DST#: 3

ATTN: Terry McLeod

Test Start: 2006.04.21 @ 04:44:10

GENERAL INFORMATION:

Formation: **VIOLA**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:12:10

Time Test Ended: 14:04:10

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 30

Interval: 4316.00 ft (KB) To 4367.00 ft (KB) (TVD)

Total Depth: 4082.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1696.00 ft (KB)

1687.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 1428.26 psig @ 4317.00 ft (KB)

Start Date: 2006.04.21

End Date:

2006.04.21

Capacity: 7000.00 psig

Last Calib.: 2006.04.21

Start Time: 04:44:11

End Time:

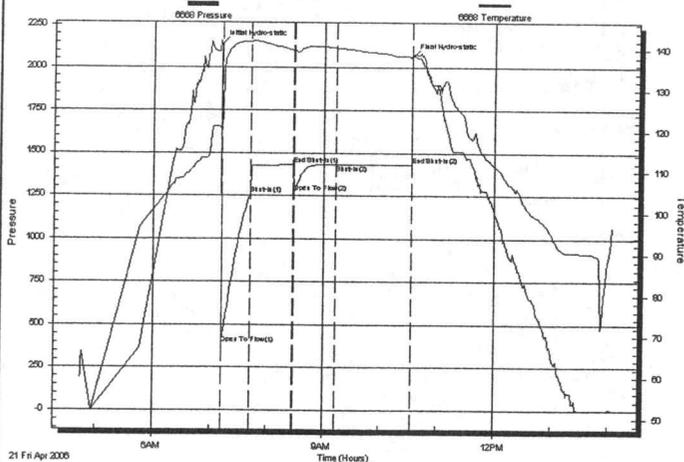
14:04:10

Time On Btm: 2006.04.21 @ 07:11:40

Time Off Btm: 2006.04.21 @ 10:33:10

TEST COMMENT: IF Strong blow building to BOB in 47 seconds.
ISI Bled off blow back on surf of water.
FF Fairly strong blow BOB 1" 28 sec
FSI Bled off blow back on surf of water Blow back built to 1" in bucket.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.76	120.44	Initial Hydro-static
1	384.31	120.80	Open To Flow (1)
31	1257.95	141.95	Shut-In(1)
77	1427.70	139.83	End Shut-In(1)
77	1267.22	139.79	Open To Flow (2)
122	1428.26	140.39	Shut-In(2)
202	1428.47	138.26	End Shut-In(2)
202	2062.87	138.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
400.00	GCWM w /Oil trace 20%G 20%W 60%M	3.94
2750.00	GW w /Oil trace 15%G 85%W	38.58
0.00	RW=.13 OHM @87degF=45000CHL PPM	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

ATTN: Terry McLeod

Job Ticket: 24122

DST#: 3

Test Start: 2006.04.21 @ 04:44:10

Tool Information

Drill Pipe:	Length: 4118.00 ft	Diameter: 3.80 inches	Volume: 57.76 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 79000.00 lb
			<u>Total Volume: 58.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4316.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	73.00 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			4299.00	
Hydraulic tool	5.00			4304.00	
Safety Joint	2.00			4306.00	
Packer	5.00			4311.00	22.00 Bottom Of Top Packer
Packer	5.00			4316.00	
Stubb	1.00			4317.00	
Recorder	0.00	6668	Inside	4317.00	
Perforations	10.00			4327.00	
Blank Spacing	32.00			4359.00	
Perforations	4.00			4363.00	
Recorder	0.00	13769	Outside	4363.00	
Bullnose	4.00			4367.00	51.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

National Petroleum Reserves Inc

Leiter / TC

250 N Rock Rd Ste 130
Wichita KS 67206

17 28 9W Kingman KS

Job Ticket: 24122

DST#: 3

ATTN: Terry McLeod

Test Start: 2006.04.21 @ 04:44:10

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 12000.00 ppm
Filter Cake: 0.04 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00	GCWM w /Oil trace 20%G 20%W 60%M	3.944
2750.00	GW w /Oil trace 15%G 85%W	38.575
0.00	RW=.13 OHM @87degF=45000CHL PPM	0.000

Total Length: 3150.00 ft Total Volume: 42.519 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

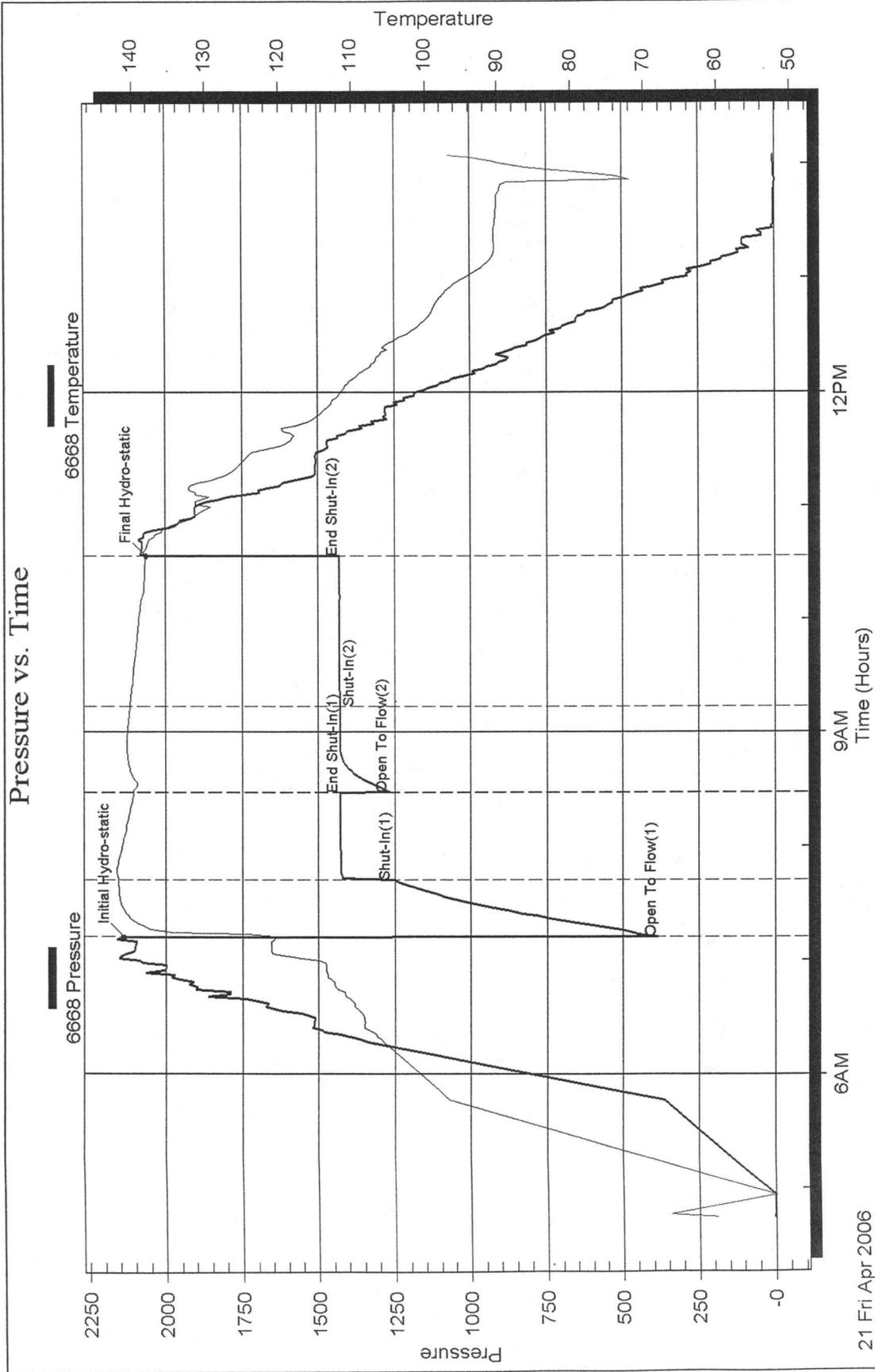
Serial #: 6668

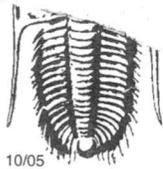
Inside

National Petroleum Reserves Inc

17 28 9W Kingman KS

DST Test Number: 3





TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24120

8685

Test Ticket

Well Name & No. LEITER / TC Test No. 1 Date 4-19-06
 Company NATIONAL PETROLEUM RESERVES INCORPORATED Zone Tested MISSISSIPPIAN
 Address 250 N. ROCK RD, SUITE 130, WICHITA, KS 67206 Elevation 1696 KB 1687 GL
 Co. Rep / Geo. TERRY MCLEOD Rig STERLING DRILLING CO. RIG #4
 Location: Sec. 17 Twp. 28^s Rge. 9^w Co. KINGMAN State KANSAS
 Comment: _____ Release date / time: _____

Interval Tested 4050 - 4082 Initial Str Wt./Lbs. 62000 Unseated Str Wt./Lbs. 62000
 Anchor Length 32 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 66000
 Top Packer Depth 4045 Tool Weight 2100
 Bottom Packer Depth 4050 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4082 Wt. Pipe Run NONE Drill Collar Run 4 STD @ 243'
 Mud Wt. 9.4 LCM 0# Vis. 44 WL 12.8 Drill Pipe Size 4 1/2" XH Ft. Run 3808'
 Blow Description IF: STRONG BLOW, BOB 2 MINUTES.
ISI: BLED OFF, NO BLOWBACK.
FF: STRONG BLOW, BOB 4 SECONDS.
FSI: BLED OFF, NO BLOWBACK.

Recovery - Total Feet 80 GIP 2200 Ft. in DC 80 Ft. in DP 0
 Rec. 80 Feet of GLSOW CM 20 %gas 4 %oil 2 %water 74 %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 127.97 °F Gravity NC °API D @ _____ °F Corrected Gravity _____ °API
 RW NC @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 7000 ppm System

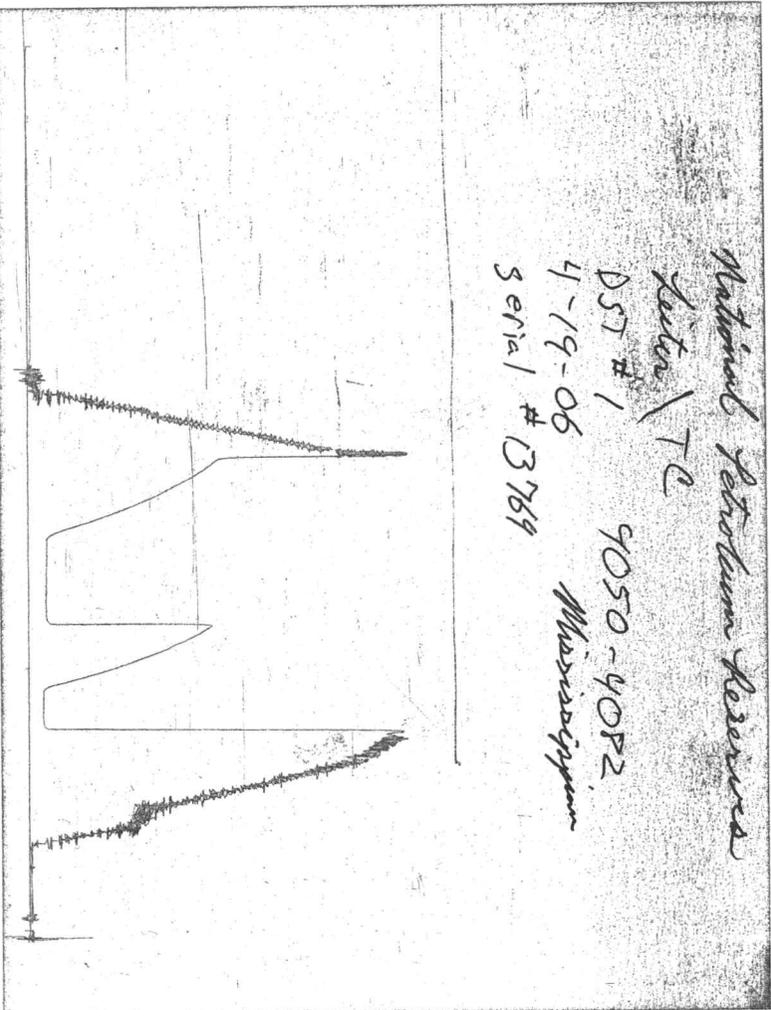
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2018</u>	PSI	<u>6668</u>	<u>★ 9 HOUR 1100</u>
(B) First Initial Flow Pressure	<u>23</u>	PSI	(depth) <u>4051</u>	Jars _____
(C) First Final Flow Pressure	<u>35</u>	PSI	Recorder No. <u>13769</u>	Safety Jt <u>★ 75</u>
(D) Initial Shut-In Pressure	<u>998</u>	PSI	(depth) <u>4078</u>	Circ Sub <u>★ 50</u>
(E) Second Initial Flow Pressure	<u>3956</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>56</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1052</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1988</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>70 R.T. 87.50</u>
			T-On Location <u>03:15</u>	Sub Total: <u>41312.50</u>
			T-Started <u>04:36</u> ^{1h 30m}	Std. By _____
			T-Open <u>06:57</u>	Acc. Chg: _____
			T-Pulled <u>10:22</u>	Other: _____
			T-Out <u>12:00</u>	Total: _____

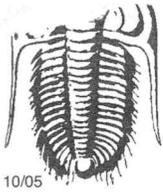
Approved By [Signature]
 Our Representative [Signature]
Thank you

TRIOBITE 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.

CHART PAGE

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





TRILOBITE TESTING INC.

No 24121

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. LESTER TC Test No. 2 Date 4-19-06
 Company NATIONAL PETROLEUM RESERVES INC. Zone Tested MISSISSIPPIAN
 Address 250 N ROCK RD, SUITE 130, WICHITA, KS 67206 Elevation 1696 KB 1687 GL
 Co. Rep / Geo. TERRY McLEOD Rig STERLING DRILLING CO. RIG #4
 Location: Sec. 17 Twp. 28^s Rge. 9^w Co. KINGMAN State KS
 Comment: _____ Release date / time: _____

Interval Tested 4080-400 Initial Str Wt./Lbs. 61000 Unseated Str Wt./Lbs. 62000
 Anchor Length 20 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 68000
 Top Packer Depth 4075 Tool Weight 2100
 Bottom Packer Depth 4080 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4100 Wt. Pipe Run 0 Drill Collar Run 4 STD @ 243
 Mud Wt. 9.4 LCM 0⁴ Vis. 44 WL R. 8 Drill Pipe Size 4 1/2" X # Ft. Run 3839'
 Blow Description IF: Fairly strong blow, building to BOB in 12 1/2 minutes
ISI: Bled off, no blowback.
FF: Strong blow building to BOB in 10 seconds
FSI: Bled off, no blowback.

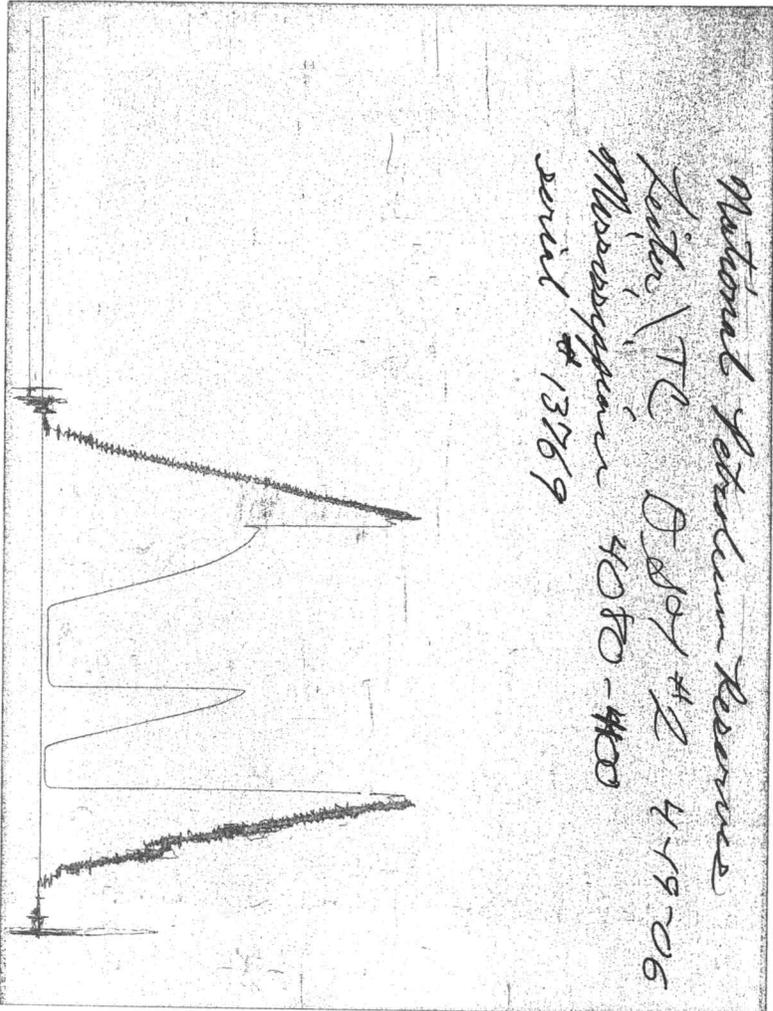
Recovery - Total Feet 70 GIP 1550' Ft. in DC 70 Ft. in DP 0
 Rec. 70 Feet of HGCOWCM 30 %gas 20 %oil 20 %water 30 %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 122.4 °F Gravity NC °API D @ _____ °F Corrected Gravity _____ °API
 RW NC @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2000 ppm System

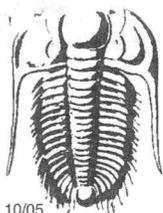
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2046</u> PSI	<u>6668</u>	<u>9 hour 1100</u>
(B) First Initial Flow Pressure		<u>19</u> PSI	(depth) <u>4081</u>	Jars _____
(C) First Final Flow Pressure		<u>28</u> PSI	Recorder No. <u>13769</u>	Safety Jt. <u>75</u>
(D) Initial Shut-In Pressure		<u>1169</u> PSI	(depth) <u>4095</u>	Circ Sub <u>NC</u>
(E) Second Initial Flow Pressure		<u>24</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>43</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>1226</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1997</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>70 R.T. 87.50</u>
			T-On Location <u>1700</u>	Sub Total: <u>1262.50</u>
			T-Started <u>17:11</u>	Std. By _____
			T-Open <u>19:03</u>	Acc. Chg: _____
			T-Pulled <u>22:21</u>	Other: _____
			T-Out <u>0000</u>	Total: _____

Approved By [Signature]
 Our Representative [Signature]
Thank you

CHART PAGE

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





TRILOBITE TESTING INC.

No 24122

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Leiter / TC Test No. 3 Date 4-21-06
 Company National Petroleum Reserves, Inc. Zone Tested VIOLA
 Address 250 N. Rock Rd, Suite 130, Wichita, KS 67206 Elevation 1696 KB 1687 GL
 Co. Rep / Geo. Terry McLeod Rig Sterling Drilling Co. Rig #4
 Location: Sec. 17 Twp. 28^s Rge. 9^w Co. Kingman State Kansas
 Comment: _____ Release date / time: _____

Interval Tested 4316 - 4367 Initial Str Wt./Lbs 61000 Unseated Str Wt./Lbs 75000
 Anchor Length 51 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs 79000
 Top Packer Depth 4311 Tool Weight 2100
 Bottom Packer Depth 4316 Hole Size 7 7/8" YES Rubber Size 6 3/4" YES
 Total Depth 4367 Wt. Pipe Run NONE Drill Collar Run 3 JD @ 7500
 Mud Wt. 9.2 LCM _____ Vis. 44 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 4020 4118

Blow Description IF: Strong blow, BOB 47 seconds.
ISI: Bled off blowback on surface of water.
FF: Fairly strong blow, BOB 1 min 28 sec. Slowly died to 6" in bucket by 45.
FSI: Bled off blowback on surface of water. Blowback built to 1" in bucket

Recovery - Total Feet 3150' GIP 440' Ft. in DC 183 Ft. in DP 2967
 Rec. 400 Feet of GC WM w/oil trace 20 %gas trace %oil 20 %water 60 %mud
 Rec. 2750 Feet of Gassy saltwater w/oil trace 15 %gas trace %oil 85 %water _____ %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 138.26 °F Gravity NC °API D @ _____ °F Corrected Gravity _____ °API
 RW .13 Ω @ 87 °F Chlorides 45000 ppm Recovery _____ Chlorides 12000 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		2137		6668	★ 9 hour 1100
(B) First Initial Flow Pressure		384		(depth) 4317	Jars _____
(C) First Final Flow Pressure		1258		Recorder No. 13769	Safety Jt. ★ 75
(D) Initial Shut-In Pressure		1428		(depth) 4363	Circ Sub ★ - NC -
(E) Second Initial Flow Pressure		1267		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		1428		(depth) _____	Straddle _____
(G) Final Shut-In Pressure		1428		Initial Opening 30	Ext. Packer _____
(Q) Final Hydrostatic Mud		2067		Initial Shut-In 45	Shale Packer _____
				Final Flow 45	Ruined Packer _____
				Final Shut-In 80 80	Mileage 70 R.T. 82.50

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 Jay D. McLeod
 Our Representative Jacob C. Zahnenbach
 thank

T-On Location 09:00
 T-Started 04:44 1 1/2 L
 T-Open 07:12
 T-Pulled 10:32
 T-Out 14:00
 Sub Total: 1262.50
 Std. By 1 Hour 50
 Acc. Chg: _____
 Other: _____
 Total: 81312.50

CHART PAGE

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

