

15-135-25169

2-18s-22w

MPD



DRILL STEM TEST REPORT

Prepared For: **PALOMINO PETROLEUM INC**

4924 SE 84TH STREET
NEWTON KS 67114

ATTN: NICHOLAS GERSTNER

2-18S-22W NESS

SEKAVEC-STIEBEN #1

Start Date: 2010.09.29 @ 06:00:00

End Date: 2010.09.29 @ 12:26:30

Job Ticket #: 1028 DST #: 1

PALOMINO PETROLEUM INC
SEKAVEC-STIEBEN #1
2-18S-22W NESS
DST # 1
MISSISSIPPIAN
2010.09.29

Eagle Testers LLC.
P.O.Box 1011, Great Bend, KS 67530
620-617-7548

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DRILL STEM TEST REPORT

PALOMINO PETROLEUM INC

SEKAVEC-STIEBEN #1

4924 SE 84TH STREET
NEWTON KS 67114

2-18S-22W NESS

Job Ticket: 1028

DST#: 1

ATTN: NICHOLAS GERSTNER

Test Start: 2010.09.29 @ 06:00:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:18:00

Time Test Ended: 12:26:30

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 15 63 MRT LACROSSE

Interval: 4151.00 ft (KB) To 4320.00 ft (KB) (TVD)

Total Depth: 4320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2219.00 ft (KB)

2211.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6666

Inside

Press@RunDepth: 138.94 psig @ 4316.50 ft (KB)

Capacity: 5000.00 psig

Start Date: 2010.09.29

End Date:

2010.09.29

Last Calib.: 2010.09.29

Start Time: 06:01:00

End Time:

12:26:30

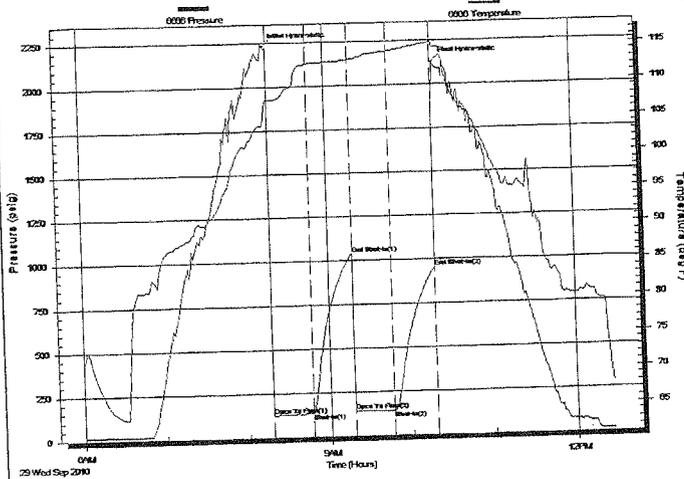
12:26:30

Time On Btm: 2010.09.29 @ 08:15:30

Time Off Btm: 2010.09.29 @ 10:20:00

TEST COMMENT: 30-INITIAL OPENING WEAK BLOW BUILT TO 3 INCHES INTO WATER
30-INITIAL SHUT IN NO BLOW BACK
30-FINAL OPENING WEAK SURFACE BLOW
30-FINAL SHUT IN NO BLOW BACK

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.93	106.60	Initial Hydro-static
3	123.50	107.65	Open To Flow (1)
32	131.61	112.52	Shut-In(1)
63	1031.72	112.96	End Shut-In(1)
63	135.20	112.96	Open To Flow (2)
91	138.94	114.10	Shut-In(2)
123	948.43	115.19	End Shut-In(2)
125	2123.13	114.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	CLEAN OIL 100% OIL	0.00
70.00	MUD WITH A SHOW OF OIL 95%M5% OIL	1.02

Gas Rates

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



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SEKAVEC-STIEBEN #1

2-18S-22W NESS

Job Ticket: 1028

DST#: 1

Test Start: 2010.09.29 @ 06:00:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:18:00
 Time Test Ended: 12:26:30

Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 15 63 MRT LACROSSE

Interval: **4151.00 ft (KB) To 4320.00 ft (KB) (TVD)**
 Total Depth: 4320.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2219.00 ft (KB)
 2211.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **6651**

Outside

Press@RunDepth: 950.58 psig @ 4317.50 ft (KB)

Start Date: 2010.09.29

End Date:

2010.09.29

Start Time: 06:01:00

End Time:

12:30:00

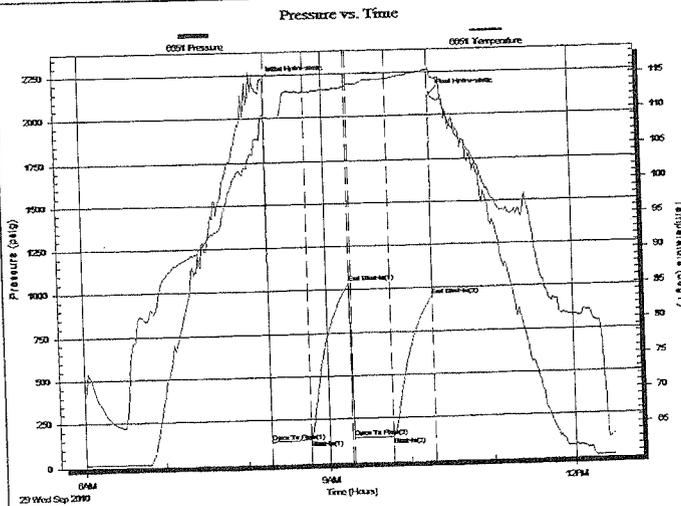
Capacity: 5000.00 psig

Last Calib.: 2010.09.29

Time On Btm: 2010.09.29 @ 08:15:30

Time Off Btm: 2010.09.29 @ 10:19:30

TEST COMMENT: 30-INITIAL OPENING WEAK BLOW BUILT TO 3 INCHES INTO WATER
 30-INITIAL SHUT IN NO BLOW BACK
 30-FINAL OPENING WEAK SURFACE BLOW
 30-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.07	109.66	Initial Hydro-static
2	124.80	109.34	Open To Flow (1)
31	132.62	112.87	Shut-In(1)
61	1033.28	113.44	End Shut-In(1)
63	136.82	113.83	Open To Flow (2)
91	140.72	114.56	Shut-In(2)
122	950.58	115.73	End Shut-In(2)
124	2127.37	115.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	CLEAN OIL 100%OIL	0.00
70.00	MUD WITH A SHOW OF OIL 95%M5%OIL	1.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

PALOMINO PETROLEUM INC

SEKAVEC-STIEBEN #1

4924 SE 84TH STREET
NEWTON KS 67114

2-18S-22W NESS

Job Ticket: 1028

DST#: 1

ATTN: NICHOLAS GERSTNER

Test Start: 2010.09.29 @ 06:00:00

Tool Information

Drill Pipe:	Length: 4136.00 ft	Diameter: 3.88 inches	Volume: 60.49 bbl	Tool Weight: 2000.00 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: 1.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4151.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	169.50 ft			
Tool Length:	184.50 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			4141.00	
HYD S.I. Tool	5.00			4146.00	
TRAVEL COLER	2.00			4148.00	
Packer	3.00			4151.00	15.00 Bottom Of Top Packer
TRAVEL COLER	2.00			4153.00	
PACKER	3.00			4156.00	
CH OVER SUB	0.75			4156.75	
DRILL PIPE	126.00			4282.75	
CH OVER SUB	0.75			4283.50	
Anchor	32.00			4315.50	
Recorder	1.00	6666	Inside	4316.50	
Recorder	1.00	6651	Outside	4317.50	
BULL PLUG	3.00			4320.50	169.50 Anchor Tool

Total Tool Length: 184.50



DRILL STEM TEST REPORT

FLUID SUMMARY

PALOMINO PETROLEUM INC

SEKAVEC-STIEBEN #1

4924 SE 84TH STREET
NEWTON KS 67114

2-18S-22W NESS

Job Ticket: 1028

DST#: 1

ATTN: NICHOLAS GERSTNER

Test Start: 2010.09.29 @ 06:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 46.00 sec/qt
Water Loss: 14.39 in³
Resistivity: ohm.m
Salinity: 11100.00 ppm
Filter Cake: 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
1.00	CLEAN OIL 100%OIL	0.000
70.00	MUD WITH A SHOW OF OIL 95%M5%OIL	1.024

Total Length: 71.00 ft Total Volume: 1.024 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

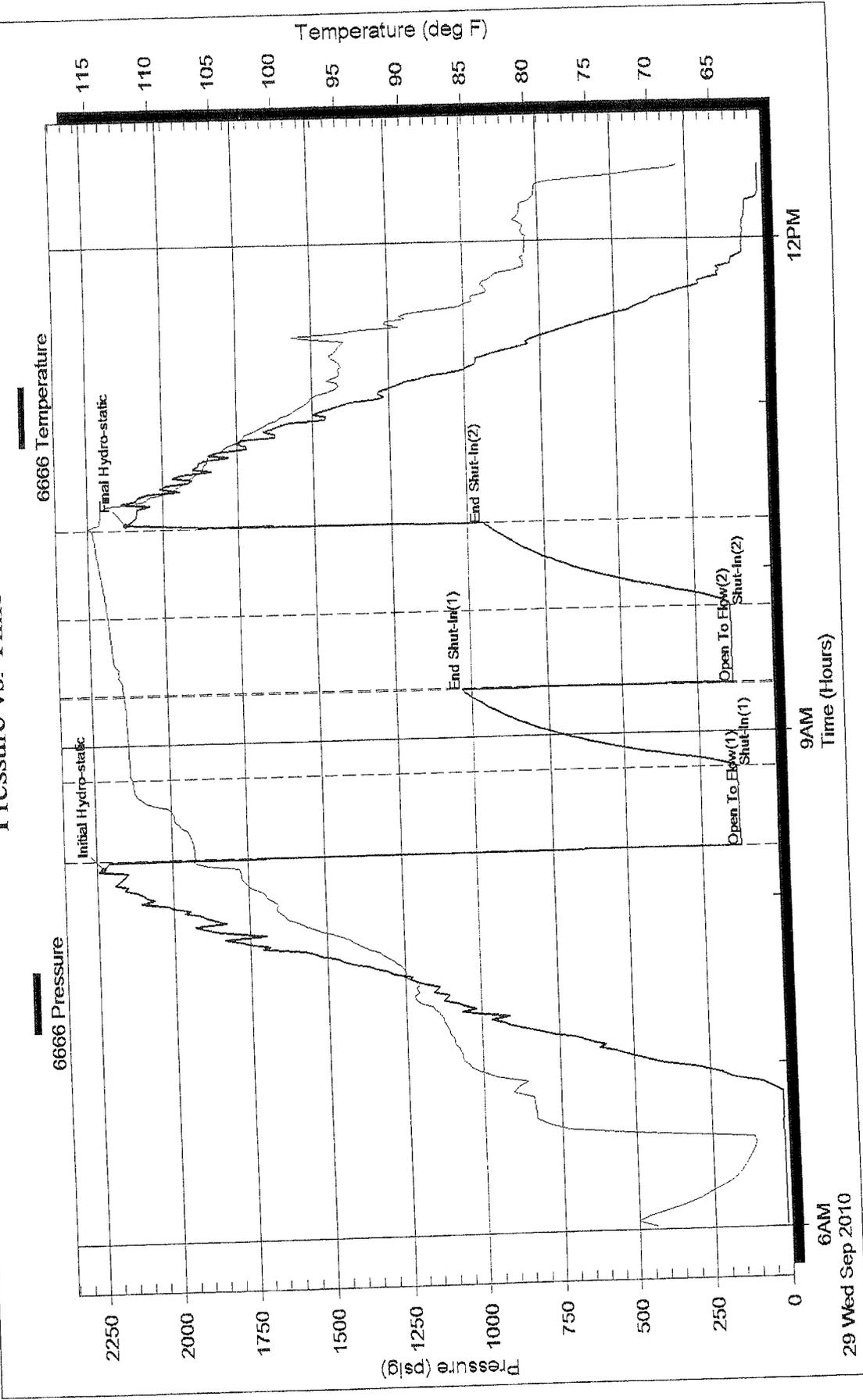
2-18S-22W NESS

PALOMINO PETROLEUM INC

Inside

Serial #: 6666

Pressure vs. Time



6AM
29 Wed Sep 2010

12PM

Printed: 2010.09.29 @ 22:29:47

Ref. No: 1028

Eagle Testers LLC.

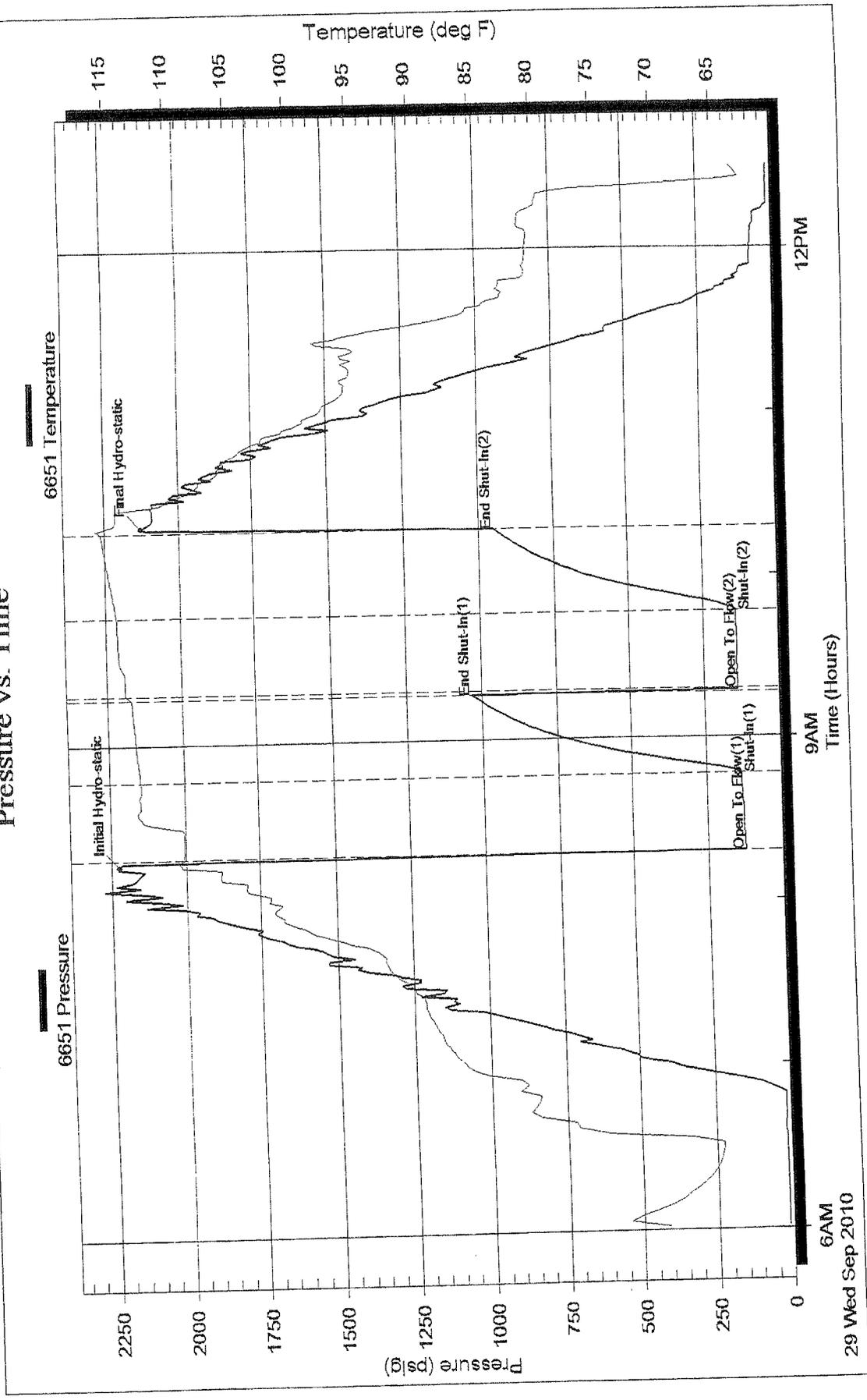
DST Test Number: 1

2-18S-22W NESS

Outside PALOMINO PETROLEUM INC

Serial #: 6651

Pressure vs. Time



Printed: 2010.09.29 @ 22:29:47

Ref. No: 1028

Eagle Testers LLC.