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# Ricketts Testing, Inc.

36-24-03E

# ORIGINAL

Company PALOMINO PETROLEUM, INC. Lease & Well No. POTWIN-MOORE UNIT #1  
 Elevation 1335 K.B. Formation KANSAS CITY Ticket No. 2001  
 Date 5-13-01 Sec. 36 Twp. 24 Range 3E County BUTLER State KS  
 Test Approved by ROGER MARTIN Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 2303 ft. to 2331 ft. Total Depth 2331 ft.  
 Packer Depth 2303 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 2300 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2308 ft. Recorder Number 13306 Cap. 4625  
 Bottom Recorder Depth (Outside) 2311 ft. Recorder Number Z43 Cap. 6000  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor C & G DRILLING RIG #1 Drill Collar Length 303 I.D. 2.25 in.  
 Mud Type CHEMICAL Viscosity 44 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.3 Water Loss 10.1 cc. Drill Pipe Length 1980 I.D. 3.25 in.  
 Chlorides 1100 P.P.M. Test Tool Length 20 ft. Tool Size. 5 1/2 in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 28 ft. Size 5 1/2 in.  
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Gravity Oil \_\_\_\_\_ Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 IF in.

Blow: WEAK BLOW BUILDING TO 3" IN WATER INITIAL FLOW PERIOD  
WEAK BLOW BUILDING TO 3" IN WATER FINAL FLOW PERIOD.

Recovered 90 ft. of WATER CUT MUD.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: DST FLUID CHLORIDES 20,000 PPM

Time Set Packer (s) 8:10 P.M. Time Started Off Bottom 11:10 P.M. Maximum Temperature 106°  
 Initial Hydrostatic Pressure .....(A) 1124 P.S.I.  
 Initial Flow Period .....Minutes 30 (B) 12 P.S.I. to  
 (C) 31 P.S.I.  
 Initial Closed In Period .....Minutes 30 (D) 877 P.S.I.  
 Final Flow Period .....Minutes 60 (E) 32 P.S.I. to  
 (F) 54 P.S.I.  
 Final Closed In Period .....Minutes 60 (G) 849 P.S.I.  
 Final Hydrostatic Pressure .....(H) L094 P.S.I.

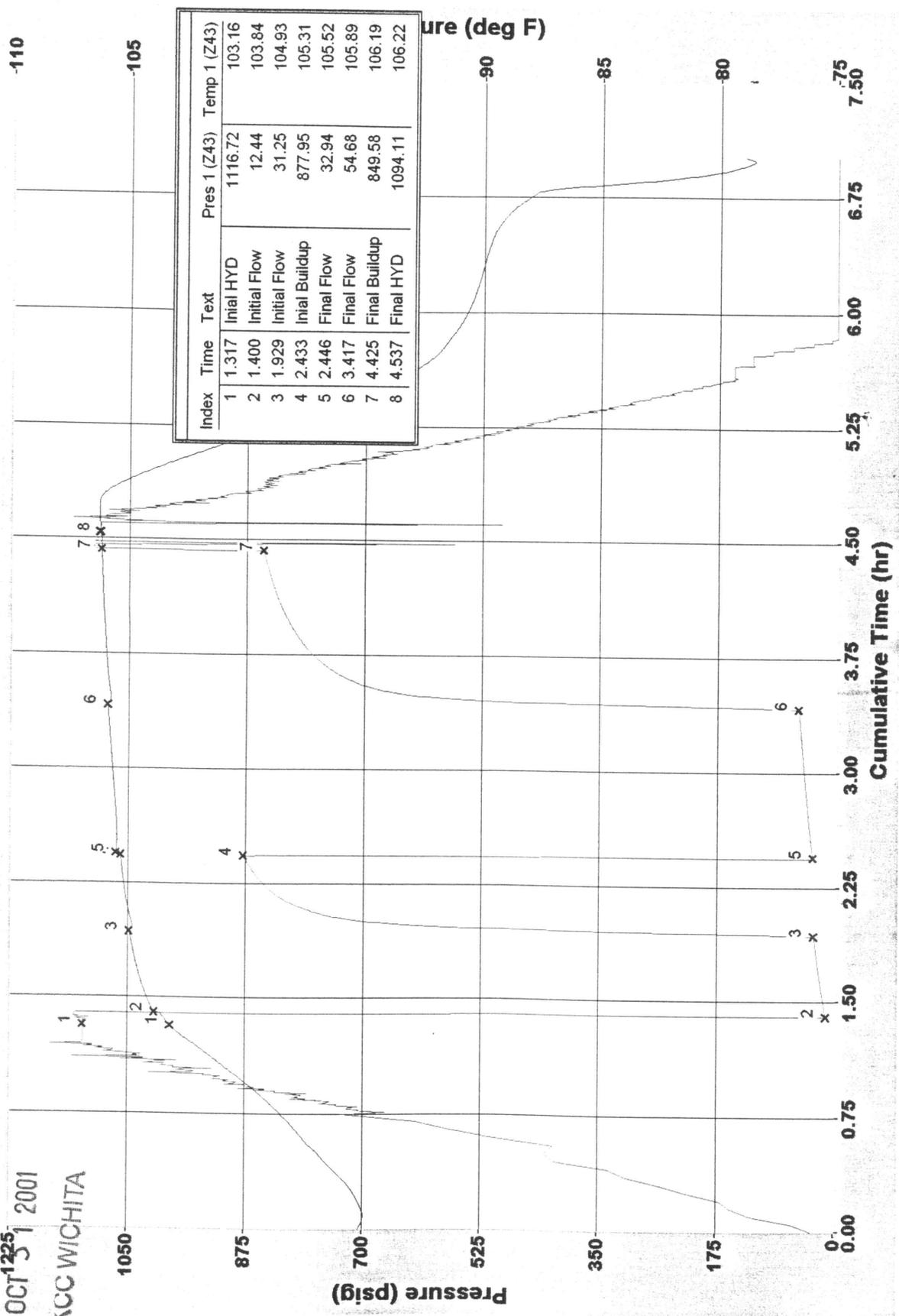


Company Name  
Well Name  
Type of Test  
Date(s) of Test



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# Z43 Graph (1)



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# Ricketts Testing, Inc.

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Company PALOMINO PETROLEUM, INC. Lease & Well No. POTWIN-MOORE UNIT #1  
 Elevation 1335 K.G. Formation KANSAS CITY Ticket No. 2002  
 Date 5-14-01 Sec. 36 Twp. 24 Range 3E County BUTLER State KS  
 Test Approved by ROGER MARTIN Ricketts Representative JIM RICKETTS

Formation Test No. 2 Interval Tested from 2346 ft. to 2363 ft. Total Depth 2363 ft.  
 Packer Depth 2346 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 2343 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2351 ft. Recorder Number 13306 Cap. 4625  
 Bottom Recorder Depth (Outside) 2354 ft. Recorder Number 243 Cap. 6000  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor C & G DRILLING RIG #1 Drill Collar Length 303 I.D. 2.25 in.  
 Mud Type CHEMICAL Viscosity 42 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.3 Water Loss 9.8 cc. Drill Pipe Length 2023 I.D. 3.25 in.  
 Chlorides 1200 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 17 ft. Size 5 1/2 in.  
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Gravity Oil \_\_\_\_\_ Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 IF in.

Blow: STRONG BLOW THROUGHOUT TEST.

Recovered 560 ft. of MUD CUT WATER WITH A SHOW OF OIL.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: DST FLUID CHLORIDES 91,000 PPM

Time Set Packer (s) 12:18 P.M. Time Started Off Bottom 2:48 P.M. Maximum Temperature 107°  
 Initial Hydrostatic Pressure .....(A) 1142 P.S.I.  
 Initial Flow Period .....Minutes 30 (B) 18 P.S.I. to  
 (C) 173 P.S.I.  
 Initial Closed In Period .....Minutes 30 (D) 823 P.S.I.  
 Final Flow Period .....Minutes 30 (E) 184 P.S.I. to  
 (F) 274 P.S.I.  
 Final Closed In Period .....Minutes 60 (G) 824 P.S.I.  
 Final Hydrostatic Pressure .....(H) 1112 P.S.I.

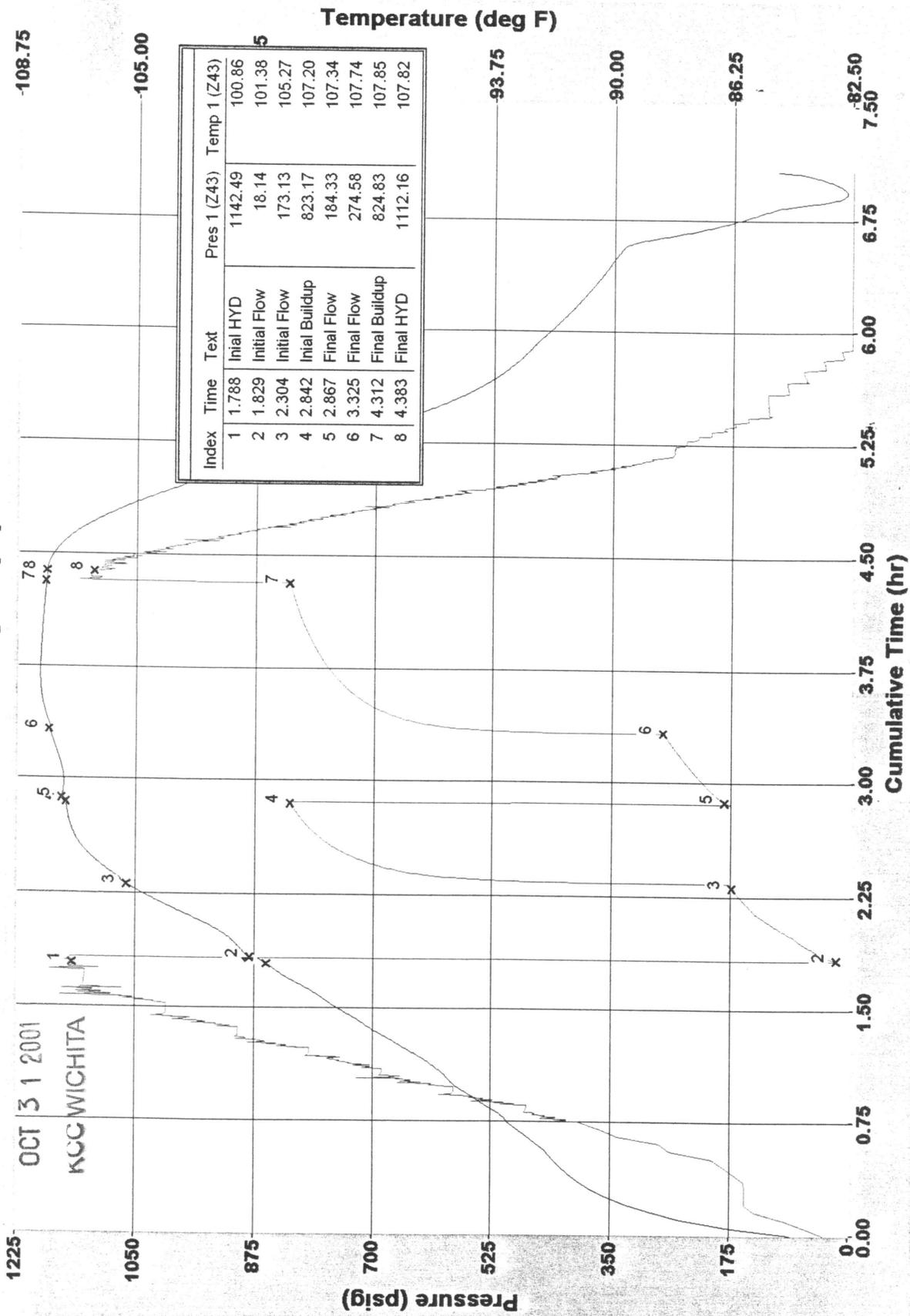
Company Name  
Well Name  
Type of Test  
Date(s) of Test



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Company PALOMINO PETROLEUM, INC. Lease & Well No. POTWIN-MOORE UNIT #1  
 Location 1335 K.B. Formation MISSISSIPPI Ticket No. 2004  
5-16-01 Sec. 36 Twp. 24S Range 3E County BUTLER State KS  
 Approved by ROGER MARTIN Ricketts Representative JIM RICKETTS

Location Test No. 3 Interval Tested from 2652 ft. to 2711 ft. Total Depth 2711 ft.  
 Packer Depth 2652 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 2649 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 1 of Selective Zone Set \_\_\_\_\_

Recorder Depth (Inside) 2657 ft. Recorder Number 13306 Cap. 4625  
 Recorder Depth (Outside) 2660 ft. Recorder Number Z43 Cap. 6000  
 Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor C & G DRILLING RIG #1 Drill Collar Length 303 I.D. 2.25 in.  
 Type CHEMICAL Viscosity 43 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Bit 9.3 Water Loss 8.9 cc. Drill Pipe Length 2329 I.D. 3.25 in.  
 Rides 1400 P.P.M. Test Tool Length 20 ft. Tool Size. 5 1/2 in.  
 Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 59 ft. Size 5 1/2 in.  
 Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Type Oil \_\_\_\_\_ Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 IF in.

WEAK BLOW BUILDING TO 4" IN WATER INITIAL FLOW PERIOD.  
 WEAK BLOW FINAL FLOW PERIOD. DIED IN 40 MINUTES. FLUSHED TOOL - NO HELP.

Shut in 80 ft. of MUD WITH A FEW SPECKS OF OIL.  
 \_\_\_\_\_ ft. of \_\_\_\_\_  
 \_\_\_\_\_ ft. of \_\_\_\_\_  
 \_\_\_\_\_ ft. of \_\_\_\_\_  
 \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks: PLUGGING ON FINAL FLOW.

Set Packer (s) 6:19 A.M. Time Started Off Bottom 9:04 A M. Maximum Temperature 110°  
 Initial Hydrostatic Pressure.....(A) 1320 P.S.I.  
 Initial Flow Period .....Minutes 30 (B) 19 P.S.I. to  
 (C) 46 P.S.I.  
 Initial Closed In Period .....Minutes 30 (D) 777 P.S.I.  
 Final Flow Period .....Minutes 45 (E) 52 P.S.I. to  
 (F) 54 P.S.I.  
 Closed In Period.....Minutes 60 (G) 813 P.S.I.  
 Hydrostatic Pressure .....(H) 1320 P.S.I.

Company Name  
Well Name  
Type of Test  
Date(s) of Test



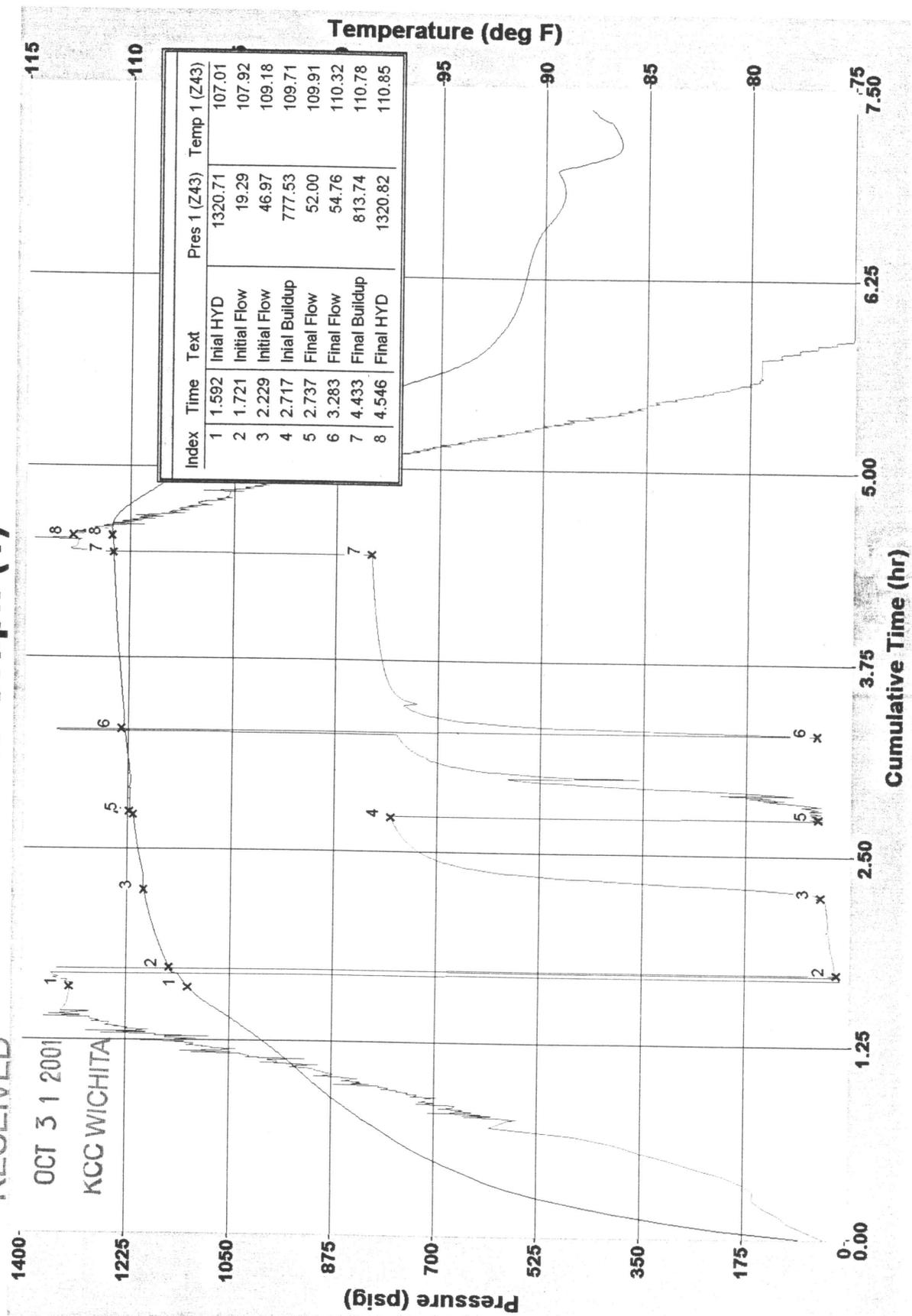
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Company PALOMINO PETROLEUM, INC. Lease & Well No. POTWIN-MOORE UNIT #1  
 Location 1335 K.B. Formation MISSISSIPPI Ticket No. 2005  
 Site 5-16-01 Sec. 36 Twp. 24S Range 3E County BUTLER State KS  
 Test Approved by ROGER MARTIN Ricketts Representative JIM RICKETTS

Formation Test No. 4 Interval Tested from 2705 ft. to 2721 ft. Total Depth 2721 ft.  
 Packer Depth 2705 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 2702 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Bottom Recorder Depth (Inside) 2710 ft. Recorder Number 13306 Cap. 4625  
 Bottom Recorder Depth (Outside) 2713 ft. Recorder Number Z43 Cap. 6000  
 Flow Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor C & G DRILLING RIG #1 Drill Collar Length 303 I.D. 2.25 in.  
 Mud Type CHEMICAL Viscosity 44 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.7 Water Loss 10.0 cc. Drill Pipe Length 2382 I.D. 3.25 in.  
 Chlorides 2700 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Packer: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 16 ft. Size 5 1/2 in.  
 Initial Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Gravity Oil \_\_\_\_\_ Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 IF in.

Flow: WEAK BLOW BUILDING TO 4" IN WATER INITIAL FLOW PERIOD.  
WEAK BLOW BUILDING TO 5 1/2" IN WATER FINAL FLOW PERIOD.

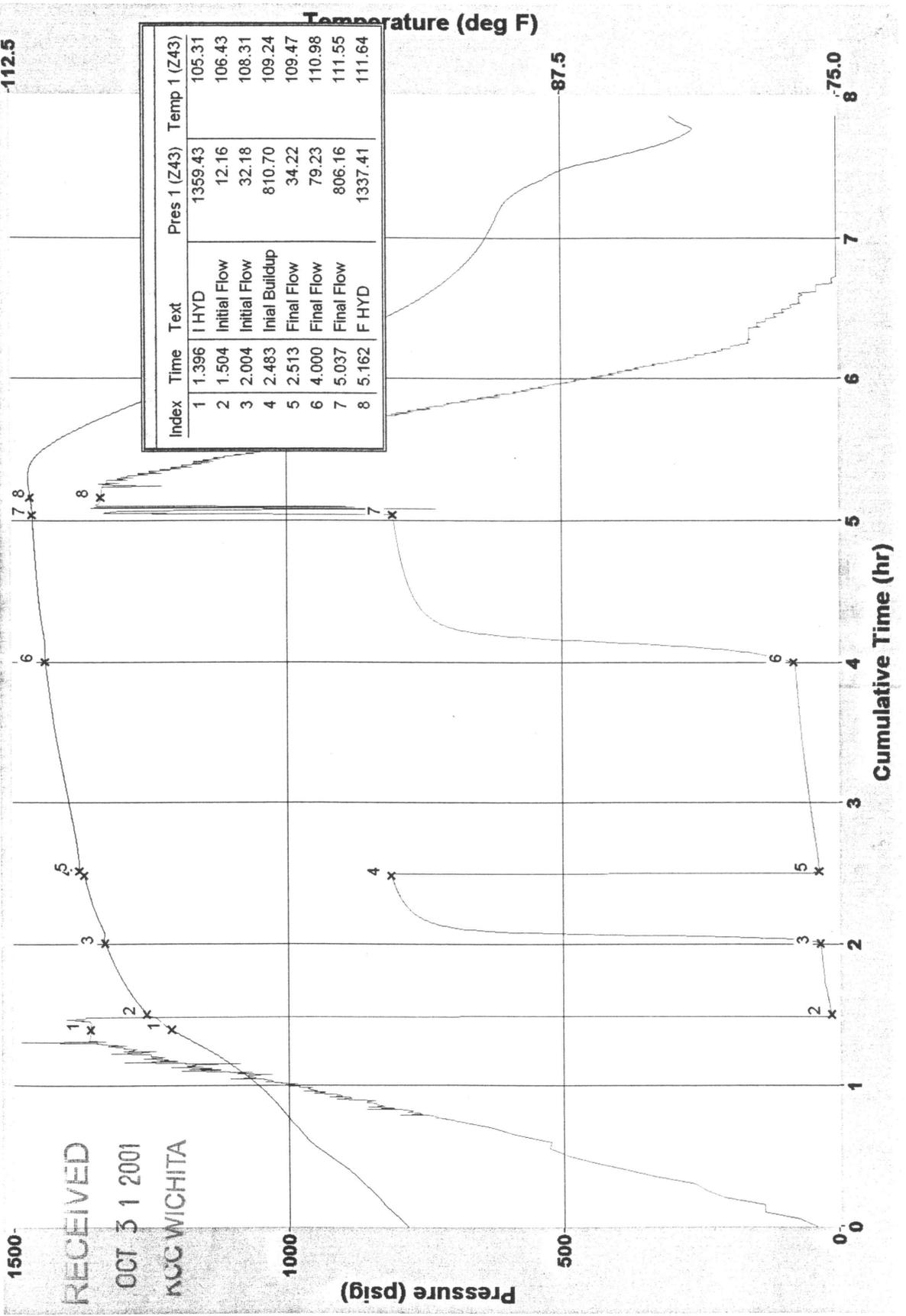
\_\_\_\_\_ covered 45 ft. of GAS IN PIPE.  
 \_\_\_\_\_ covered 5 ft. of CLEAN GASSY OIL +10' OIL CUT MUD (4% OIL 2% WATER 94% MUD)  
 \_\_\_\_\_ covered 60 ft. of SLIGHTLY OIL CUT & SLIGHTLY WATER CUT MUD (2% OIL 5% WATER 94% MUD)  
 \_\_\_\_\_ covered 30 ft. of SLIGHTLY OIL CUT & WATER CUT MUD (2% OIL 30% WATER 68% MUD)  
 \_\_\_\_\_ covered 30 ft. of VERY SLIGHTLY OIL CUT & MUD CUT WATER (1% OIL 70% WATER 29% MUD)  
 Remarks: SHOW OF GASSY OIL IN TOP OF TOOL. DST FLUID CHLORIDES 42,000 PPM

Time Set Packer (s) 9:44 P M. Time Started Off Bottom 1:14 A M. Maximum Temperature 111 °  
 Initial Hydrostatic Pressure .....(A) 1359 P.S.I.  
 Initial Flow Period .....Minutes 30 (B) 12 P.S.I. to  
 (C) 32 P.S.I.  
 Initial Closed In Period .....Minutes 30 (D) 810 P.S.I.  
 Initial Flow Period .....Minutes 90 (E) 34 P.S.I. to  
 (F) 79 P.S.I.  
 Initial Closed In Period .....Minutes 60 (G) 806 P.S.I.  
 Initial Hydrostatic Pressure .....(H) 1337 P.S.I.

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