



# Ricketts Testing, Inc.

Company PALOMINO PETROLEUM, INC. Lease & Well No. HARKNESS-STUM #1  
 Elevation 2232 G.L. Formation MISSISSIPPI Ticket No. 2427  
 Date 9-28-05 Sec. 12 Twp. 19S Range 24W County NESS State KS  
 Test Approved by ROBERT SCHREIBER Ricketts Representative JIMMY RICKETTS

Formation Test No. 1 Interval Tested from 4260 ft. to 4295 ft. Total Depth 4295 ft.  
 Packer Depth 4260 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4257 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4265 ft. Recorder Number 11027 Cap. 4275  
 Bottom Recorder Depth (Outside) 4268 ft. Recorder Number W1023 Cap. 10000  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor SOUTHWIND DRILLING RIG #1 Drill Collar Length 236 I.D. 2.25 in.  
 Mud Type CHEMICAL Viscosity 48 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.5 Water Loss 10.4 cc. Drill Pipe Length 4004 I.D. 3.25 in.  
 Chlorides 5000 P.P.M. Test Tool Length 20 ft. Tool Size. 5 1/2 in.  
 Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 35 ft. Size 5P in.  
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Gravity Oil 34° Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW BUILDING TO 6: INITIAL FLOW PERIOD. WEAK BLOW BUILDING TO 1" FINAL FLOW PERIOD.

Recovered 115 ft. of CLEAN OIL  
 Recovered 240 ft. of GAS & HEAVY OIL CUT MUD. 4% GAS 45% OIL 51% MUD  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

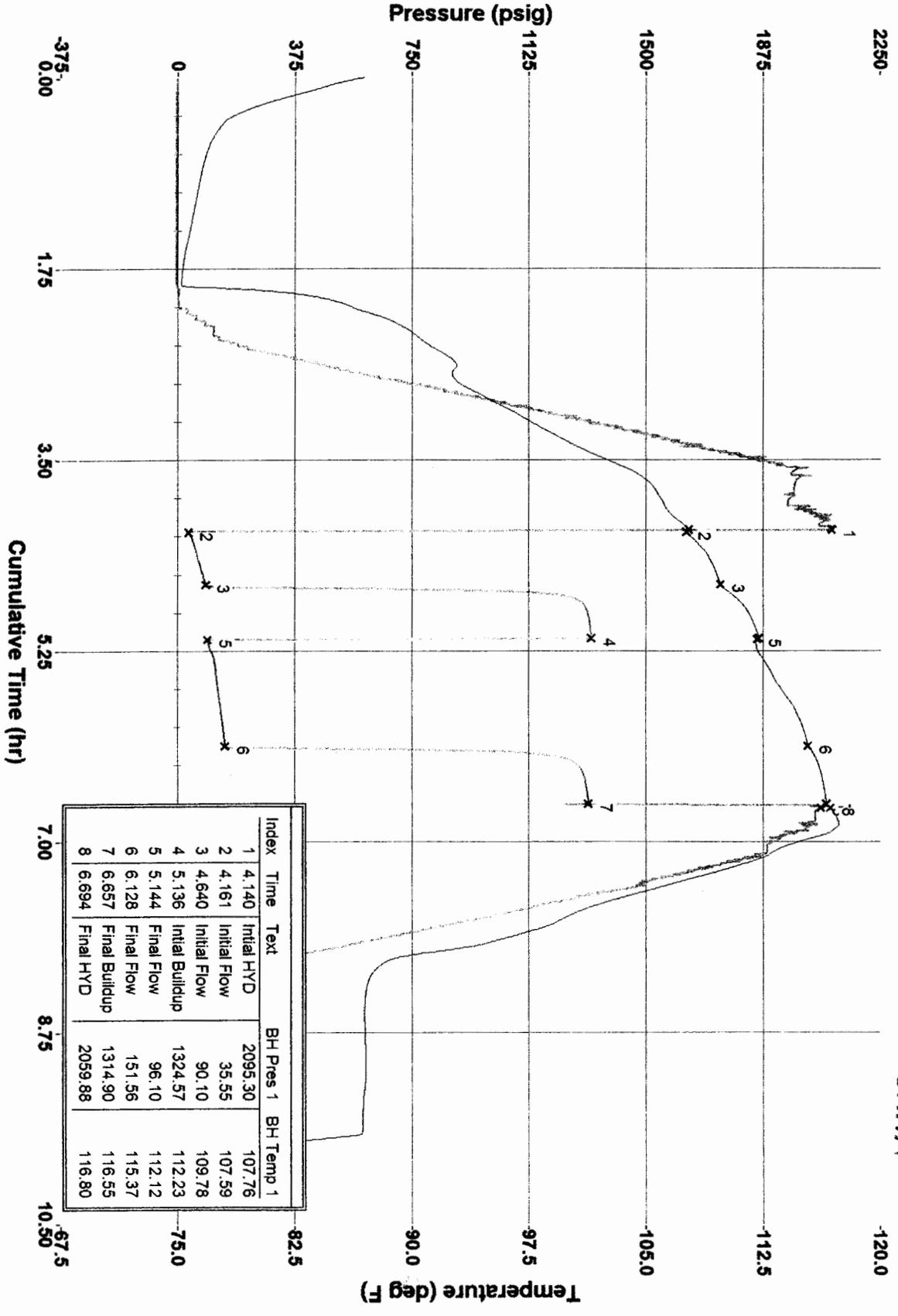
Time Set Packer (s) 1:11 A.M. Time Started Off Bottom 3:41 A.M. Maximum Temperature 116°  
 Initial Hydrostatic Pressure .....(A) 2095 P.S.I.  
 Initial Flow Period .....Minutes 30 (B) 35 P.S.I. to  
 (C) 90 P.S.I.  
 Initial Closed In Period .....Minutes 30 (D) 1324 P.S.I.  
 Final Flow Period .....Minutes 60 (E) 96 P.S.I. to  
 (F) 151 P.S.I.  
 Final Closed In Period .....Minutes 30 (G) 1314 P.S.I.  
 Final Hydrostatic Pressure .....(H) 2059 P.S.I.

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Company Name: Palomino Petroleum, Inc.  
 Well Name: Harkness - Stum #1  
 Type of Test: DST #1 4280 to 4295  
 Date(s) of Test: 9-28-2005

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# Harkness-Stum #1 DST #1 KCC WICHITA



Index	Time	Text	BH Pres 1	BH Temp 1
1	4.140	Initial HYD	2095.30	107.76
2	4.161	Initial Flow	35.55	107.59
3	4.640	Initial Flow	90.10	109.78
4	5.136	Initial Buildup	1324.57	112.23
5	5.144	Final Flow	96.10	112.12
6	6.128	Final Flow	151.56	115.37
7	6.657	Final Buildup	1314.90	116.55
8	6.694	Final HYD	2059.88	116.80

# Ricketts Testing, Inc.



Company PALOMINO PETROLEUM, INC. Lease & Well No. HARKNESS-STUM #1  
 Elevation 2232 G.L. Formation MISSISSIPPI Ticket No. 2428  
 Date 9-28-05 Sec. 12 Twp. 19S Range 24W County NESS State KS  
 Test Approved by ROBERT SCHREIBER Ricketts Representative JIMMY RICKETTS

Formation Test No. 2 Interval Tested from 4260 ft. to 4305 ft. Total Depth 4305 ft.  
 Packer Depth 4260 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4257 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4265 ft. Recorder Number 11027 Cap. 4275  
 Bottom Recorder Depth (Outside) 4268 ft. Recorder Number W1023 Cap. 10000  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor SOUTHWIND DRILLING RIG #1 Drill Collar Length 254 I.D. 2.25 in.  
 Mud Type CHEMICAL Viscosity 47 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3986 I.D. 3.25 in.  
 Chlorides 11,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Bars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 45 ft. Size 5 1/2 in.  
 Mud Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Gravity Oil 33° Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Flow: WEAK BLOW BUILDING TO A STRONG BLOW IN 6 MINUTES INITIAL FLOW PERIOD. WEAK BLOW BUILDING TO 11" FINAL FLOW PERIOD. SURFACE BLOW BACK FINAL SHUT-IN.

Recovered 330 ft. of GAS & HEAVY MUD CUT OIL 1% GAS 63% OIL 36% MUD  
 Recovered 240 ft. of HEAVY GAS, WATER & MUD CUT OIL 13% GAS 71% OIL 7% MUD 9% WATER  
 Recovered 500 ft. of CLEAN OIL.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

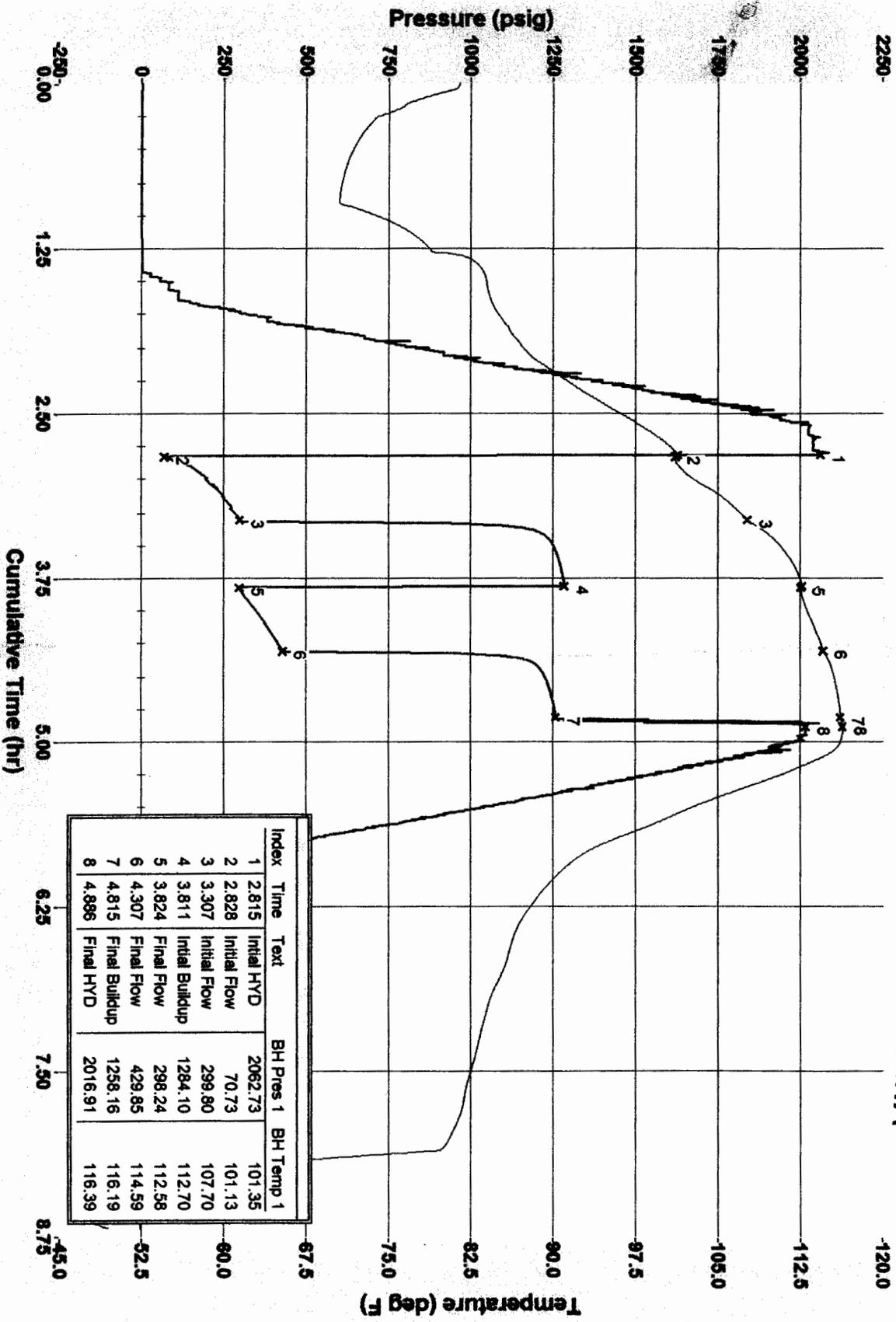
Remarks: \_\_\_\_\_

Time Set Packer (s)	<u>6:49</u>	PM.	Time Started Off Bottom	<u>8:49</u>	PM.	Maximum Temperature	<u>116°</u>
Initial Hydrostatic Pressure	(A)	<u>2062</u>			P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>70</u>	P.S.I.	to	<b>RECEIVED</b> <b>DEC 22 2005</b> <b>KCC WICHITA</b>
			(C)	<u>299</u>	P.S.I.		
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>1284</u>	P.S.I.		
Final Flow Period	Minutes	<u>30</u>	(E)	<u>298</u>	P.S.I.	to	
			(F)	<u>429</u>	P.S.I.		
Final Closed In Period	Minutes	<u>30</u>	(G)	<u>1256</u>	P.S.I.		
Final Hydrostatic Pressure	(H)	<u>2016</u>			P.S.I.		

Company Name Palominio Petroleum, Inc.  
 Well Name Harkness-Stum #1  
 Type of Test DST #2 4280 to 4305  
 Date(s) of Test 9-28-2005

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# Harkness-Stum #1 DST #2 KCC WICHITA



Index	Time	Text	BH Pres 1	BH Temp 1
1	2.815	Initial HYD	2062.73	101.35
2	2.828	Initial Flow	70.73	101.13
3	3.307	Initial Flow	299.80	107.70
4	3.811	Initial Bulkup	1284.10	112.70
5	3.824	Final Flow	298.24	112.58
6	4.307	Final Flow	429.85	114.59
7	4.815	Final Bulkup	1258.16	116.19
8	4.886	Final HYD	2016.91	116.39