

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

Date 9-17-04 Location 20-19-11 Elevation 1785 County Barton

Company Rama Operating LLC Number of Copies 5

Parts Mailed to PO Box 159 Stafford 67578

Drilling Contractor sterling Rig #1

Length Drill Pipe 2948 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 XH

Length Weight Pipe --- I.D. Weight Pipe --- Tool Joint Size ---

Length Drill Collars 120 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Top Packer Depth 3085 Bottom Packer Depth 3090 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3090 TO 3125 ANCHOR LENGTH 35 TOTAL DEPTH 3125 Hole Size 7 7/8

EASE & WELL NO. Habiger 1-20 FORMATION TESTED Lansing B-D TEST NO. 1

Liquid Weight 9.15 Viscosity 53 Water Loss 8.8 Chlorides - Pits 5300 D.S.T. 78,000

Maximum Temp. 105 °F Initial Hydrostatic Pressure (A) 1584 P.S.I. Final Hydrostatic Pressure (H) 1527 P.S.I.

Tool Open I.F.P. from 9:30 p m to 10:00 p m 30 min

Tool Closed I.C.I.P. from 10:00 p m to 10:45 p m 45 min

Tool Open F.F.P. from 10:45 p m to 11:15 p m 30 min

Tool Closed F.C.I.P. from 11:15 m to 12:00 a m 45 min

Initial Blow good Blow Built to The Bottom of a 5 Gallon Bucket 2 minutes

Final Blow good Blow Built to the Bottom of a 5 Gallon Bucket 2 minutes

Total Feet Recovered 260 Gravity of Oil _____ Corrected _____

20 Feet of gas & oil cut, Mud 10% Gas 30% Oil 60% Mud _____ % Water

20 Feet of oil & Mud cut gas 40% Gas 20% Oil 30% Mud 10% Water

80 Feet of Mud cut water trace of oil & gas _____ % Gas _____ % Oil 15% Mud 85% Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

____ Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water

Remarks _____

Extra Equipment - Jars --- Safety Joint --- Extra Packer --- Straddle --- Hook Wall ---

Top Recorder No. 91986 Clock No. etc Depth 3121 Cir. Sub --- Sampler ---

Bottom Recorder No. 47441 Clock No. 5463 Depth 3122 Insurance _____

Price of Job _____

Tool Operator Paul Miller

Approved By _____

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, of 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.

No 14834

SUPERIOR TESTERS ENTERPRISES L.L.C.

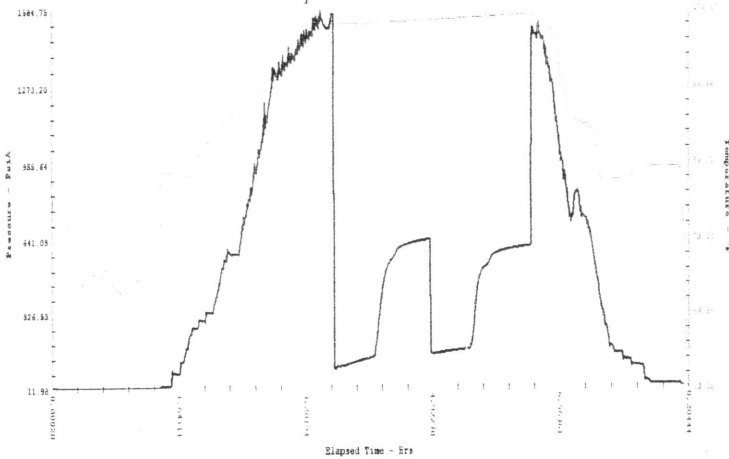
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RAMA OPERATING INC. Lease & Well No. HABIGER 1-20 Test #: 1 Date: 9-17-06 SEC. 20 TWP. 19 RGE. 11

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1585
2	Initial Flow Pressure	98
3	Final Initial Flow Pressure	145
4	Initial Shut-In Pressure	641
5	Initial Final Flow Pressure	158
6	Final Flow Pressure	180
7	Final Shut-In Pressure	612
8	Final Hydrostatic Pressure	1527

Maximum Temperature 105

GENERAL INFORMATION

COMPANY NAME	..... RAMA OPERATING INC	LEASE AND WELL NUMBER	..... HABIGER 1/20
TEST DATE	..... 9/17/06	FORMATION TESTED	..... LANSING B-D
SECTION-TOWN-RANGE	..... 20/19/11	DRILL STEM TEST NUMBER	..... 1
STATE	..... KANSAS	REPORT NUMBER	..... 14834
COUNTY	..... BARTON	ELEVATION KELLY BUSHINGS	..... 1794
ELEVATION GROUND LEVEL	..... 1785	TESTING ENGINEER	..... DAVID NICHOLS
COMPANY REPRESENTATIVE	..... JOSH		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	..... 3090	TOP PACKER DEPTH	..... 3085
TEST INTERVAL (to)	..... 3125	BOTTOM PACKER DEPTH	..... 3090
ANCHOR LENGTH	..... 35	NUMBER OF PACKERS	..... 2
TOTAL DEPTH (ft)	..... 3125	PACKER SIZE	..... 6 3/4
		HOLE SIZE	..... 7 7/8

FLOW TIMES

TOOL OPEN (from)	..... 9:30	TOOL OPEN (from)	..... 10:45
INITIAL OPEN TOOL OPEN (to)	..... 10:00	FINAL OPEN TOOL OPEN (to)	..... 11:15
DURATION (min.)	..... 30	DURATION (min.)	..... 30
TOOL CLOSED (from)	..... 10:00	TOOL CLOSED (from)	..... 11:15
INITIAL SHUT-IN TOOL CLOSED (to)	..... 10:45	FINAL SHUT-IN TOOL CLOSED (to)	..... 12:00
DURATION (min.)	..... 45	DURATION (min.)	..... 45

INITIAL FLOW GOOD BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET 2 MINUTES

FINAL FLOW GOOD BLOW BUILT TO THE BOTTOM OF A 5 GALLON BUCKET 2 MINUTES

Feet of Recovery	RESISTIVITY	AT DEGREES	CHLORIDES				
			RECOVERY DESCRIPTION	% GAS	% OIL	% MUD	% WATER
1) 20			GAS AND OIL CUT MUD	10	30	60	
2) 60			OIL AND MUD GAS WITH A TRACE OF WATER	40	20	30	10
3) 180			MUD CUT WATER WITH A TRACE OF OIL AND GAS			15	85
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RAMA OPERATING INC	LEASE AND WELL NUMBER	HABIGER 1/20
TEST DATE	9/17/06	FORMATION TESTED	LANSING B-D
SECTION-TOWN-RANGE	20/19/11	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	14834
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1794
ELEVATION GROUND LEVEL	1785	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	JOSH		

EXTRA EQUIPMENT

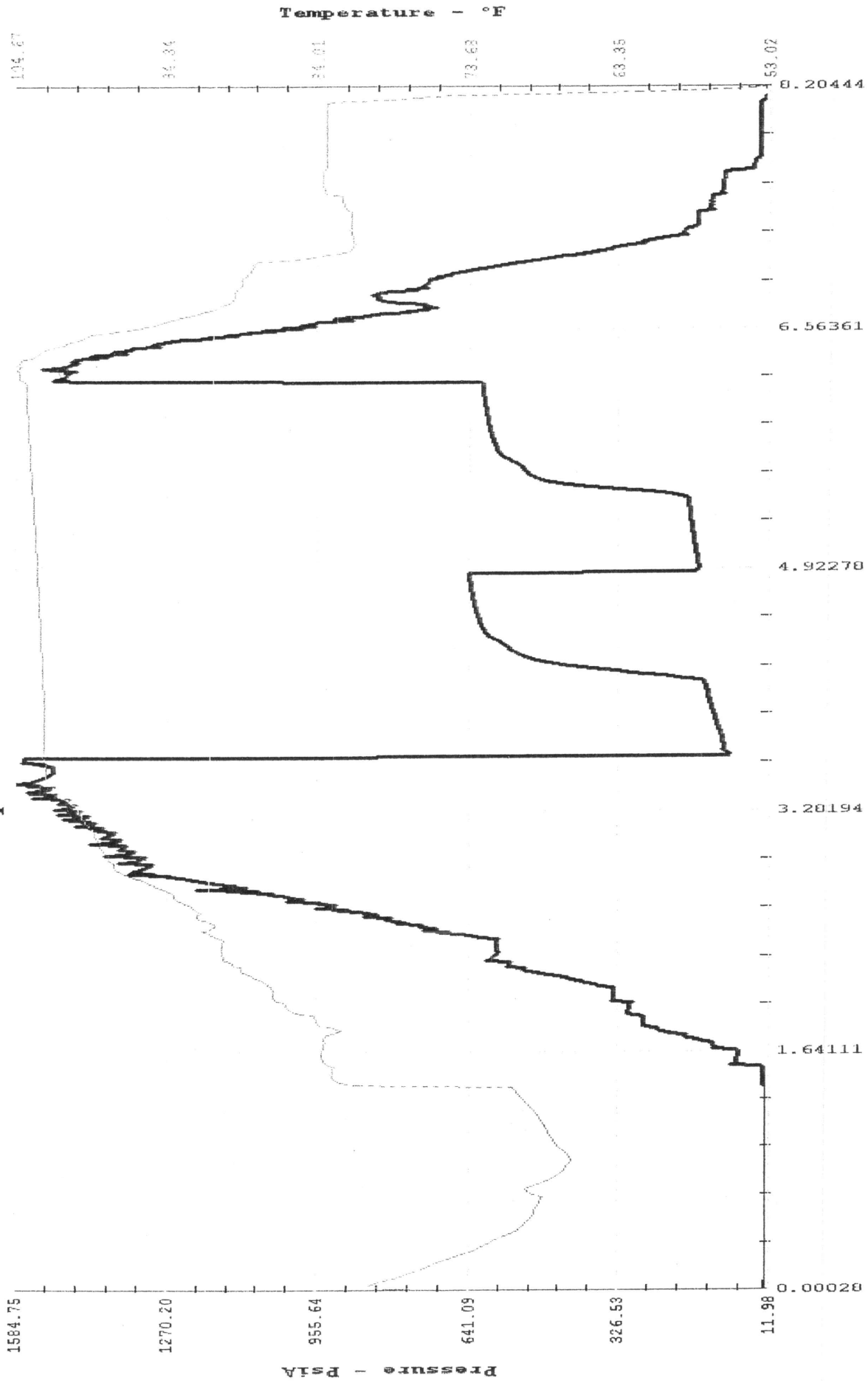
JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	22 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3121	BOTTOM RECORDER DEPTH	3122
RECORDER NUMBER	91986	RECORDER NUMBER	47441

WELL INFORMATION

DRILLING CONTRACTOR	STERLING RIG #1	DRILL COLLAR LENGTH	120
DRILL PIPE LENGTH	2948	DRILL COLLAR I.D.	2.25
DRILL PIPE I.D.	3.8	TOOL JOINT SIZE	4 1/2 X.H.
TOOL JOINT SIZE	4 1/2 X.H.		
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9.15
WEIGHT PIPE I.D.	2.25	VISCOSITY	53
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8.8
		CHLORIDES-PITS	5,500
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



Superior Testers Enterprises, Inc.

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Date 9-19-06 Location 20-19-11 Elevation 1785 County Barton

Company Rama Operating Co. Inc Number of Copies 5

Charts Mailed to P.O. Box 159 Stafford KS 67578

Drilling Contractor Sterling Drilling Co. Inc

Length Drill Pipe 3115 I.D. Drill Pipe 2.80 Tool Joint Size 4 1/2 X H

Length Weight Pipe - I.D. Weight Pipe - Tool Joint Size -

Length Drill Collars 180 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X H

Top Packer Depth 3312 Bottom Packer Depth 3317 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 3317 TO 3382 ANCHOR LENGTH 65 TOTAL DEPTH 3382 Hole Size 7 7/8

LEASE & WELL NO. Haberger 1-20 FORMATION TESTED Arbuckle TEST NO. 2

Mud Weight 9.0 Viscosity 57 Water Loss 9.2 Chlorides - Pits 9500 D.S.T. -

Maximum Temp. 109 °F Initial Hydrostatic Pressure (A) 1759 P.S.I. Final Hydrostatic Pressure (H) 1081 P.S.I.

Tool Open I.F.P. from 4:27 m to 4:57 m 30 min

Tool Closed I.C.I.P. from 4:57 m to 5:27 m 30 min

Tool Open F.F.P. from 5:27 m to 5:57 m 30 min

Tool Closed F.C.I.P. from 5:57 m to 6:27 m 30 min

from [B] <u>91</u> P.S.I. to [C] <u>91</u> P.S.I.
[D] <u>1081</u> P.S.I.
from [E] <u>101</u> P.S.I. to [F] <u>113</u> P.S.I.
[G] <u>1089</u> P.S.I.

Initial Blow very weak Blow to 1/2 inches into the water

Final Blow Very weak surface Blow

Total Feet Recovered 73 Gravity of Oil - Corrected

15 Feet of oil % Gas 100 % Oil - % Mud - % Water -

60 Feet of oil cut mud % Gas 40 % Oil 60 % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Feet of - % Gas - % Oil - % Mud - % Water -

Remarks -

Extra Equipment - Jars - Safety Joint - Extra Packer - Straddle - Hook Wall -

Top Recorder No. 91980 Clock No. etc Depth 3378 Cir. Sub - Sampler -

Bottom Recorder No. 47441 Clock No. 5403 Depth 3379 Insurance -

Price of Job -

Tool Operator DAVID WILDS / J. S. S.

Approved By -

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NO 14835

SUPERIOR TESTERS ENTERPRISES L.L.C.

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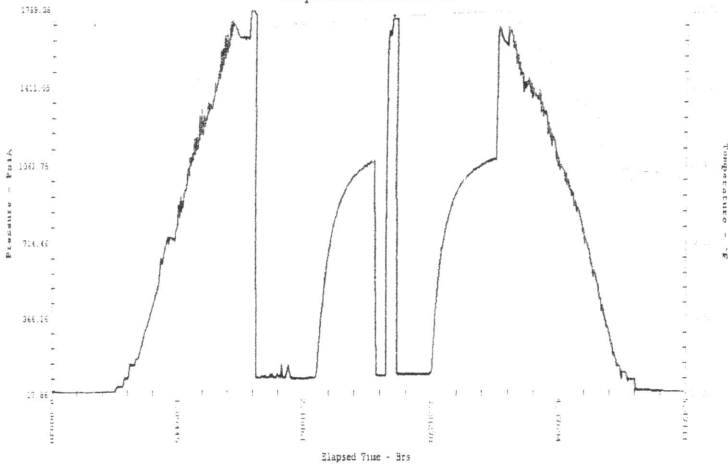
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RAMA OPERATING CO. INC
19 RGE. 11

Lease & Well No. HABIGER 1-20 Test #: 2 Date: 9-19-06 SEC. 20 TWP.

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	1759
2	Initial Flow Pressure	91
3	Final Initial Flow Pressure	91
4	Initial Shut-In Pressure	1081
5	Initial Final Flow Pressure	101
6	Final Flow Pressure	113
7	Final Shut-In Pressure	1089
8	Final Hydrostatic Pressure	1681

Maximum Temperature 109

GENERAL INFORMATION

COMPANY NAME RAMA OPERATING CO. INC

TEST DATE 9/19/06

LEASE AND WELL NUMBER HABIGER 1-20

SECTION-TOWN-RANGE 20-19-11

FORMATION TESTED ARBUCKLE

STATE KANSAS

DRILL STEM TEST NUMBER 2

COUNTY BARTON

REPORT NUMBER 14835

ELEVATION GROUND LEVEL 1785

ELEVATION KELLY BUSHINGS 1794

COMPANY REPRESENTATIVE JOSH

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3317

TOP PACKER DEPTH 3312

TEST INTERVAL (to) 3382

BOTTOM PACKER DEPTH 3317

ANCHOR LENGTH 65

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 3382

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 4:27AM

TOOL OPEN (from) 5:27

INITIAL OPEN TOOL OPEN (to) 4:57

FINAL OPEN TOOL OPEN (to) 5:57

DURATION (min.) 30

DURATION (min.) 30

TOOL CLOSED (from) 4:57

TOOL CLOSED (from) 5:57

INITIAL SHUT-IN TOOL CLOSED (to) 5:27

FINAL SHUT-IN TOOL CLOSED (to) 6:27

DURATION (min.) 30

DURATION (min.) 30

INITIAL FLOW VERY WEAK BLOW TO 1/2 INCHES

FINAL FLOW VERY WEAK SURFACE BLOW

Feet of Recovery	RESISTIVITY	AT	DEGREES	CHLORIDES			
	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 15	oil				100		
2) 60	oil cut mud				40	60	
3)							
4)							
5)							

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RAMA OPERATING CO. INC	LEASE AND WELL NUMBER	HABIGER 1-20
TEST DATE	9/19/06	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	20-19-11	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14835
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1794
ELEVATION GROUND LEVEL	1785	TESTING ENGINEER	DIXON STEADMAN
COMPANY REPRESENTATIVE	JOSH		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	YES	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	22 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3378	BOTTOM RECORDER DEPTH	3379
RECORDER NUMBER	91986	RECORDER NUMBER	5563

WELL INFORMATION

DRILLING CONTRACTOR	STERLING DRILLING CO. INC		
DRILL PIPE LENGTH	3115	DRILL COLLAR LENGTH	180
DRILL PIPE I.D.	3.8	DRILL COLLAR I.D.	2.25
TOOL JOINT SIZE	4 1/2 X.H.	TOOL JOINT SIZE	4 1/2 X.H.
WEIGHT PIPE LENGTH		MUD WEIGHT #/GAL	9
WEIGHT PIPE I.D.	2.25	VISCOSITY	57
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	9.2
		CHLORIDES-PITS	9,500
		CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data

