

# Superior Testers Enterprises, Inc.

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

(316) 792-6902

KB1558

Date 4-14-06 Location 27.34.15W Elevation 1550 County BARBER

Company Beredco Inc. Number of Copies 5

Charts Mailed to PO BOX 20380 Wichita KS 67208

Drilling Contractor Beredco Rig #2

Length Drill Pipe 4790 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 XH

Length Weight Pipe NONE I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_

Length Drill Collars NONE I.D. Drill Collars \_\_\_\_\_ Tool Joint Size \_\_\_\_\_

Top Packer Depth 4811 Bottom Packer Depth 4816 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4816 TO 4850 ANCHOR LENGTH 34 TOTAL DEPTH 4850 Hole Size 7 7/8

LEASE & WELL NO. DAVIS RANCH #2-31 FORMATION TESTED Mississippian TEST NO. 1

Mud Weight 9.1 Viscosity 51 Water Loss 8.8 Chlorides - Pits 4,000 D.S.T. \_\_\_\_\_

Maximum Temp. 126 °F Initial Hydrostatic Pressure (A) 2338 P.S.I. Final Hydrostatic Pressure (H) 2257 P.S.I.

Tool Open I.F.P. from 12:20 m to 12:50 m 30 min

Tool Closed I.C.I.P. from 12:50 m to 1:50 m 60 min

Tool Open F.F.P. from 1:50 m to 2:50 m 60 min

Tool Closed F.C.I.P. from 2:50 m to 4:50 m 120 min

Initial Blow FAIR building blow built to bottom of 5 gallon bucket in 16 minutes

Final Blow FAIR building blow built to bottom of 5 gallon bucket in 15 minutes

Total Feet Recovered 30

30 Feet of oil cut mud Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas 2 % Oil 98 % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

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\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

Remarks \_\_\_\_\_

Extra Equipment - Jars yes Safety Joint yes Extra Packer \_\_\_\_\_ Straddle \_\_\_\_\_ Hook Wall \_\_\_\_\_

Top Recorder No. 4005 Clock No. electronic Depth 4846 Cir. Sub \_\_\_\_\_ Sampler \_\_\_\_\_

Bottom Recorder No. 7895 Clock No. 3539 Depth 4847 Insurance \_\_\_\_\_

Price of Job \_\_\_\_\_

Tool Operator NATHAN MANRING

Approved By \_\_\_\_\_

No 14220

from [B] <u>103</u> P.S.I. to [C] <u>71</u> P.S.I.
[D] <u>1163</u> P.S.I.
from [E] <u>72</u> P.S.I. to [F] <u>65</u> P.S.I.
[G] <u>203</u> P.S.I.

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.

# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

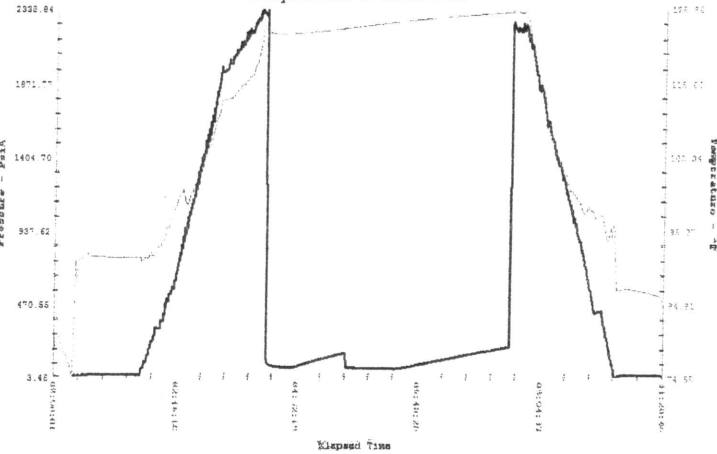
Company: BEREXCO  
RGE: 15W

Lease & Well No. DAVIS RANCH #2-31

Test #: 1 Date: 04-14-2006

SEC. 27 TWP. 34

Temperature / Pressure Data



1	Initial Hydrostatic Pressure	2338
2	Initial Flow Pressure	103
3	Final Initial Flow Pressure	71
4	Initial Shut-In Pressure	163
5	Initial Final Flow Pressure	72
6	Final Flow Pressure	65
7	Final Shut-In Pressure	203
8	Final Hydrostatic Pressure	2257

Maximum Temperature      126

**GENERAL INFORMATION**

COMPANY NAME ..... BEREXCO INC.

TEST DATE ..... 4/14/06

LEASE AND WELL NUMBER ..... DAVIS RANCH #2-31

SECTION-TOWN-RANGE ..... 27-34-15W

FORMATION TESTED ..... MISSISSIPPIAN

STATE ..... KANSAS

DRILL STEM TEST NUMBER ..... 1

COUNTY ..... BARBER

REPORT NUMBER ..... 14220

ELEVATION GROUND LEVEL ..... 1550

ELEVATION KELLY BUSHINGS ..... 1558

COMPANY REPRESENTATIVE ..... JEFF

TESTING ENGINEER ..... NATHAN MANRING

**WELL SETTING INFORMATION**

TEST INTERVAL (From) ..... 4816

TOP PACKER DEPTH ..... 4811

TEST INTERVAL (to) ..... 4850

BOTTOM PACKER DEPTH ..... 4816

ANCHOR LENGTH ..... 34

NUMBER OF PACKERS ..... 2

TOTAL DEPTH (ft) ..... 4850

PACKER SIZE ..... 6 3/4

HOLE SIZE ..... 7 7/8

**FLOW TIMES**

TOOL OPEN (from) ..... 12:20

TOOL OPEN (from) ..... 1:50

INITIAL OPEN TOOL OPEN (to) ..... 12:50

FINAL OPEN TOOL OPEN (to) ..... 2:50

DURATION (min.) ..... 30

DURATION (min.) ..... 60

TOOL CLOSED (from) ..... 12:50

TOOL CLOSED (from) ..... 2:50

INITIAL SHUT-IN TOOL CLOSED (to) ..... 1:50

FINAL SHUT-IN TOOL CLOSED (to) ..... 4:50

DURATION (min.) ..... 60

DURATION (min.) ..... 120

**INITIAL FLOW** FAIR BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 16 MINUTES

**FINAL FLOW** FAIR BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 15 MINUTES

RESISTIVITY                      AT                      DEGREES                      CHLORIDES

DEPTH OF RECOVERY	RECOVERY DESCRIPTION	% CHLORIDES			
		% GAS	% OIL	% MUD	% WATER
30	OIL CUT MUD		2	98	

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME ..... BEREXCO INC.

TEST DATE ..... 4/14/06

SECTION-TOWN-RANGE ..... 27-34-15W

STATE ..... KANSAS

COUNTY ..... BARBER

ELEVATION GROUND LEVEL ..... 1550

COMPANY REPRESENTATIVE ..... JEFF

LEASE AND WELL NUMBER ..... DAVIS RANCH #2-31

FORMATION TESTED ..... MISSISSIPPIAN

DRILL STEM TEST NUMBER ..... 1

REPORT NUMBER ..... 14220

ELEVATION KELLY BUSHINGS ..... 1558

TESTING ENGINEER ..... NATHAN MANNING

### EXTRA EQUIPMENT

JARS ..... YES

SAFETY JOINT ..... YES

ELECTRONIC RECORDER ..... YES

CIRCULATING SUB ..... NO

80 MILES ROUND TRIP FROM

TOP RECORDER DEPTH ..... 4846

RECORDER NUMBER ..... 91981

EXTRA PACKER (3RD) ..... NO

EXTRA PACKER (4TH) ..... NO

STRADDLE ..... NO

HOOK WALL ..... NO

SAMPLER ..... NO

MEDICINE LODGE

BOTTOM RECORDER DEPTH ..... 4847

RECORDER NUMBER ..... 5463

### WELL INFORMATION

DRILLING CONTRACTOR ..... BEREDCO RIG #2

DRILL PIPE LENGTH ..... 4790

DRILL PIPE I.D. ..... 3.8

TOOL JOINT SIZE ..... 4 1/2 X.H.

DRILL COLLAR LENGTH ..... NONE

DRILL COLLAR I.D. ..... 2.25

TOOL JOINT SIZE ..... 4 1/2 X.H.

WEIGHT PIPE LENGTH ..... NONE

WEIGHT PIPE I.D. ..... 2.25

TOOL JOINT SIZE ..... 4 1/2 X.H.

MUD WEIGHT #GAL ..... 8.1

VISCOSITY ..... 51

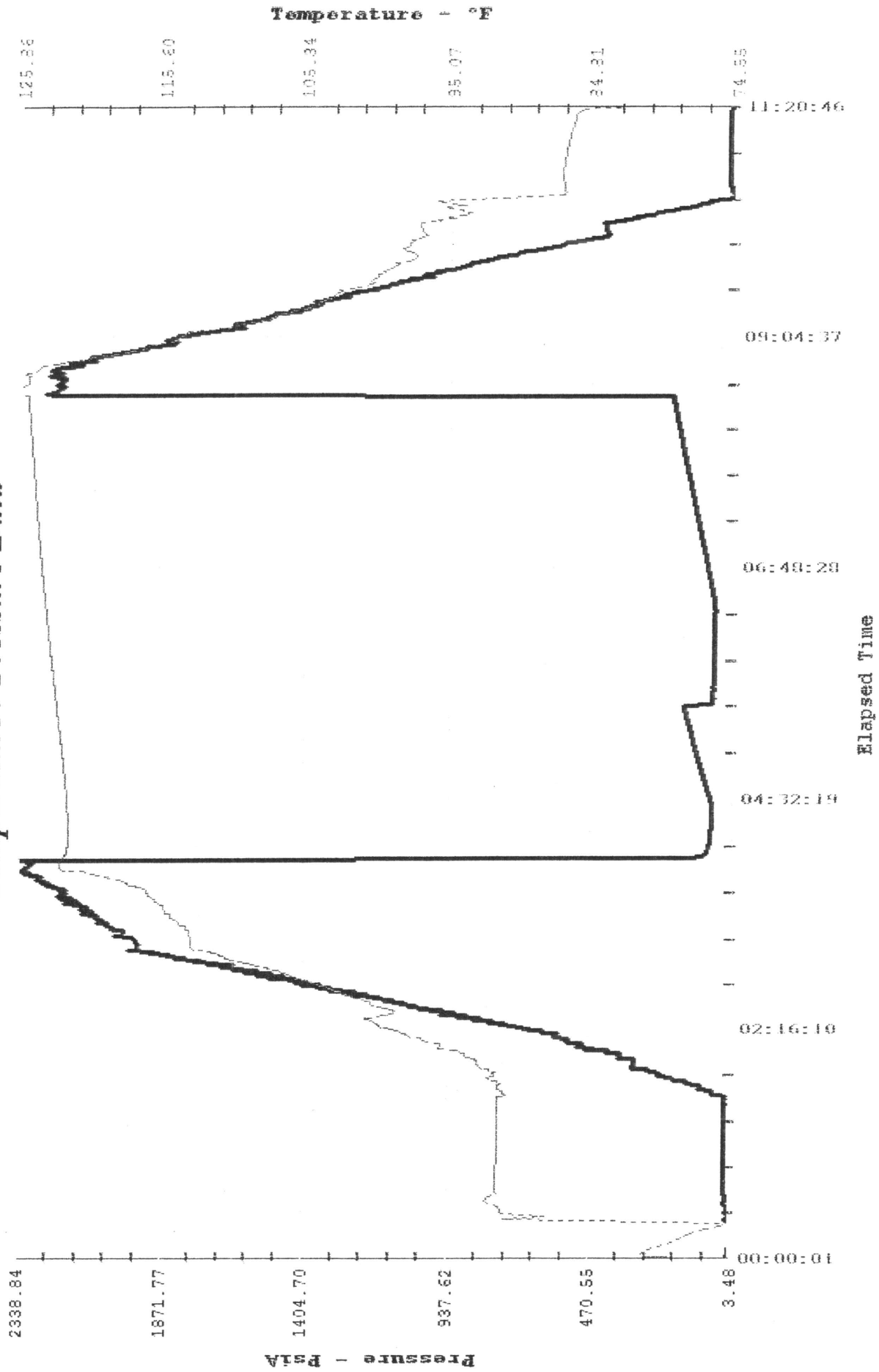
WATER LOSS ..... 8.8

CHLORIDES-FITS ..... 4,000

CHLORIDES-DST .....

### COMMENTS

# Temperature / Pressure Data



04-14-2006

27-34-15W

DAVIS RANCH #2-31

BEREXCO INC

~~Alt # 15 007-22946 31 316 14W~~  
~~E2 W2 SENE~~

# Superior Testers Enterprises, Inc.

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

(316) 792-6902 **LD 1558**

Date 4.15.06 Location 27.34.15W Elevation 1550 County BARBEX

Company Berecto Ink Number of Copies 5

Charts Mailed to P.O. BOX 26380 Wichita KS 67208

Drilling Contractor Berecto Rig #2

Length Drill Pipe 4824 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 XH

Length Weight Pipe NONE I.D. Weight Pipe --- Tool Joint Size ---

Length Drill Collars NONE I.D. Drill Collars --- Tool Joint Size ---

Top Packer Depth 4845 Bottom Packer Depth 4850 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4850 TO 4870 ANCHOR LENGTH 20 TOTAL DEPTH 4870 Hole Size 7 1/8

LEASE & WELL NO. DAVIS RANCH 2-31 FORMATION TESTED MISSISSIPPIAN TEST NO. 2

Mud Weight 9.0 Viscosity 54 Water Loss 12.4 Chlorides - Pits 5,000 D.S.T. ---

Maximum Temp. 120 °F Initial Hydrostatic Pressure (A) 2359 P.S.I. Final Hydrostatic Pressure (H) 2290 P.S.I.

Tool Open I.F.P. from 9:25 m to 9:40 m 15 min

from [B] 85 P.S.I. to [C] 53 P.S.I.

Tool Closed I.C.I.P. from 9:40 m to 10:10 m 30 min

[D] 70 P.S.I.

Tool Open F.F.P. from 10:10 m to 10:40 m 30 min

from [E] 48 P.S.I. to [F] 46 P.S.I.

Tool Closed F.C.I.P. from 10:40 m to 11:40 m 60 min

[G] 57 P.S.I.

Initial Blow Very weak surface blow ~~blow~~ died after 6 minutes

Final Blow No blow

Total Feet Recovered 10 Gravity of Oil --- Corrected

10 Feet of Drilling mud % 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 ---

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

Remarks ---

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

Top Recorder No. 4005 Clock No. electronic Depth 4866 Cir. Sub --- Sampler ---

Bottom Recorder No. 7895 Clock No. 3539 Depth 4867 Insurance ---

Price of Job ---

Tool Operator [Signature]

Approved By NO 14221

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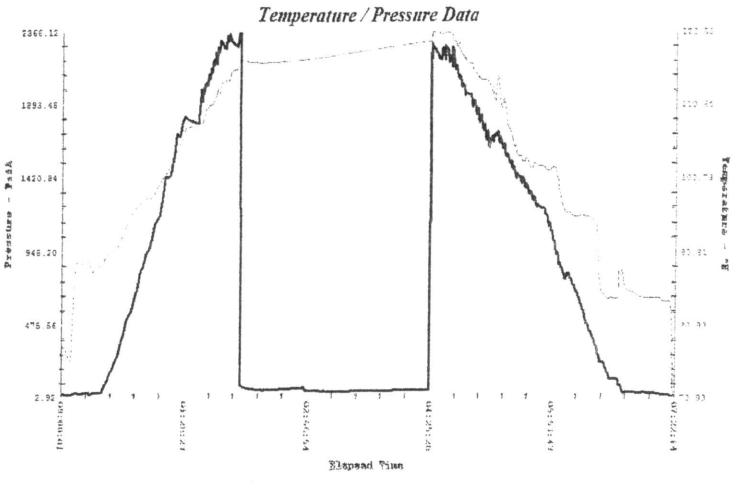
## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: BEREXCO INC  
 TWP. 34 RGE. 14W

Lease & Well No. DAVIS RANCH #2-31

Test #: 2 Date: 04-15-2006 SEC. 27



- 1 Initial Hydrostatic Pressure 2359
- 2 Initial Flow Pressure 85
- 3 Final Initial Flow Pressure 53
- 4 Initial Shut-In Pressure 70
- 5 Initial Final Flow Pressure 48
- 6 Final Flow Pressure 46
- 7 Final Shut-In Pressure 57
- 8 Final Hydrostatic Pressure 2290

Maximum Temperature 120

**GENERAL INFORMATION**

COMPANY NAME ..... BEREXCO INC.	LEASE AND WELL NUMBER ..... DAVIS RANCH #2-31
TEST DATE ..... 4/15/06	FORMATION TESTED ..... MISSISSIPPIAN
SECTION-TOWN-RANGE ..... 27-34-15W	DRILL STEM TEST NUMBER ..... 2
STATE ..... KANSAS	REPORT NUMBER ..... 14221
COUNTY ..... BARBER	ELEVATION KELLY BUSHINGS ..... 1558
ELEVATION GROUND LEVEL ..... 1550	TESTING ENGINEER ..... NATHAN MANNING
COMPANY REPRESENTATIVE ..... JEFF	

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... 4850	TOP PACKER DEPTH ..... 4845
TEST INTERVAL (to) ..... 4870	BOTTOM PACKER DEPTH ..... 4850
ANCHOR LENGTH ..... 20	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) ..... 4870	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

**LOW TIMES**

TOOL OPEN (from) ..... 9:25	TOOL OPEN (from) ..... 10:10	
VITIAL OPEN TOOL OPEN (to) ..... 9:40	FINAL OPEN TOOL OPEN (to) ..... 10:40	
DURATION (min.) ..... 15	DURATION (min.) ..... 30	
TOOL CLOSED (from) ..... 9:40	TOOL CLOSED (from) ..... 10:40	
VITIAL SHUT-IN TOOL CLOSED (to) ..... 10:10	FINAL SHUT-IN TOOL CLOSED (to) ..... 11:40	
DURATION (min.) ..... 30	DURATION (min.) ..... 60	

**INITIAL FLOW** VERY WEAK SURFACE BLOW DIED AFTER 6 MINUTES

**FINAL FLOW** NO BLOW

SET OF	RESISTIVITY	AT	DEGREES	CHLORIDES			
Recovery	10	RECOVERY DESCRIPTION		% GAS	% OIL	% MUD	% WATER
10		DRILLING MUD					

**SUPERIOR TESTERS ENTERPRISES L.L.C.**

**DRILL STEM TEST REPORT**

GREAT BEND ,KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME .....	BEREXCO INC.	LEASE AND WELL NUMBER .....	DAVIS RANCH #2-31
TEST DATE .....	4/15/06	FORMATION TESTED .....	MISSISSIPPIAN
SECTION-TOWN-RANGE .....	27-34-15W	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	14221
COUNTY .....	BARBER	ELEVATION KELLY BUSHINGS .....	1558
ELEVATION GROUND LEVEL .....	1550	TESTING ENGINEER .....	NATHAN MANNING
COMPANY REPRESENTATIVE .....	JEFF		

**EXTRA EQUIPMENT**

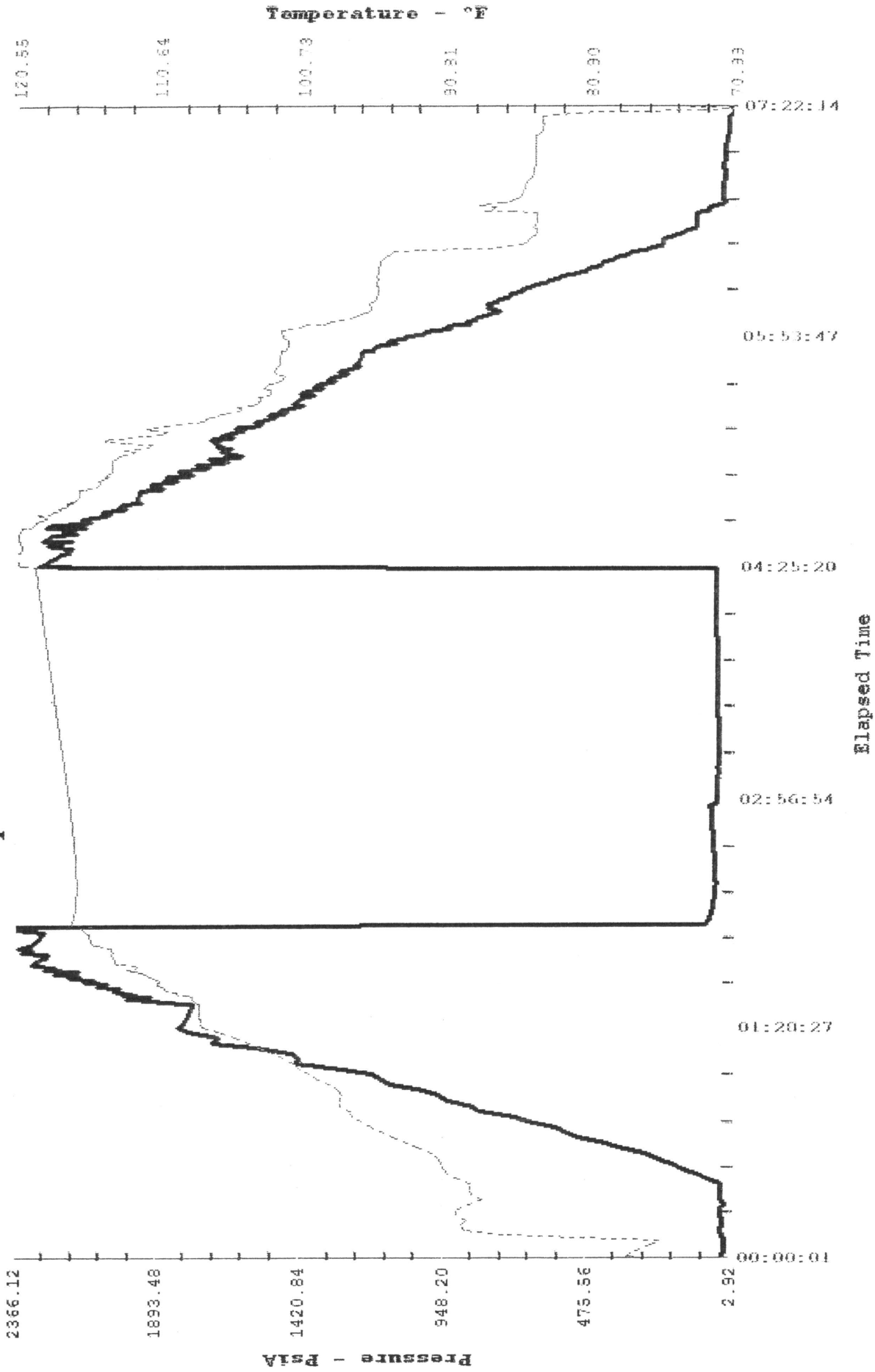
JARS .....	YES	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	YES	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	YES	STRADDLE .....	NO
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
TOP RECORDER DEPTH .....	4866	MEDICINE LODGE	
RECORDER NUMBER .....	91981	BOTTOM RECORDER DEPTH .....	4867
		RECORDER NUMBER .....	5463

**WELL INFORMATION**

DRILLING CONTRACTOR .....	BEREDCO RIG #2	DRILL COLLAR LENGTH .....	NONE
DRILL PIPE LENGTH .....	4824	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 .....	NONE	MUD WEIGHT #GAL .....	5
WEIGHT PIPE I.D. ....	2.25	VISCOSITY .....	54
TOOL JOINT SIZE .....	4 1/2 X.H.	WATER LOSS .....	12.4
		CHLORIDES-PITS .....	5,000
		CHLORIDES-DST .....	

**COMMENTS**

# Temperature / Pressure Data



04-15-2006

27-34-15W

DAVIS RANCH #2-31

BEREXCO INC.