

S and W 1  
Castle Resources  
15-051-25629

27-12s-20w

### Superior Testers Enterprises, Inc.

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

(316) 792-6902

Date 03/09/07 Location 27-12s-20w Elevation 2220 County Ellis  
 Company Castle Resources Inc Schoepchen Number of Copies 5  
 Charts Mailed to PO box 87  
 Drilling Contractor Mulfin #24  
 Length Drill Pipe 3447 I.D. Drill Pipe 3.8 Tool Joint Size 4.5  
 Length Weight Pipe 0 I.D. Weight Pipe \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Length Drill Collars 124 I.D. Drill Collars 2.25 Tool Joint Size 4.5  
 Top Packer Depth 3539 Bottom Packer Depth 3564 Number of Packers 2 Packer Size 6.75  
 TESTED FROM 3564 TO 3609 ANCHOR LENGTH 45 TOTAL DEPTH 3609 Hole Size 7.78  
 LEASE & WELL NO. S & W #1 FORMATION TESTED Gasling TEST NO. 1  
 Mud Weight 9.1 Viscosity 90 Water Loss 0 Chlorides - Pits 3000 D.S.T. \_\_\_\_\_  
 Maximum Temp. \_\_\_\_\_ °F Initial Hydrostatic Pressure (A) 1204 P.S.I. Final Hydrostatic Pressure (H) 1214 P.S.I.

Tool Open I.F.P. from 4:45 P to 5:15 P 30 min  
 Tool Closed I.C.I.P. from 5:15 P to 5:45 P 30 min  
 Tool Open F.F.P. from 5:45 P to 6:30 P 45 min  
 Tool Closed F.C.I.P. from 6:30 P to 7:15 P 45 min

from [B] <u>295</u> P.S.I. to [C] <u>443</u> P.S.I.
[D] <u>547</u> P.S.I.
from [E] <u>477</u> P.S.I. to [F] <u>562</u> P.S.I.
[G] <u>670</u> P.S.I.

Initial Blow STRONG blow built to bottom of bucket in 9 minutes  
 Final Blow weak blow built to bottom of bucket in 18 minutes

Total Feet Recovered 650 Gravity of Oil \_\_\_\_\_ Corrected \_\_\_\_\_  
 Feet of 2 Free oil \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water  
 Feet of 648 Gassy slightly oilcut 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

RECEIVED  
KANSAS CORPORATION COMMISSION  
SEP 14 2007  
CONSERVATION DIVISION  
WICHITA, KS

Remarks \_\_\_\_\_

Extra Equipment - Jars NO Safety Joint NO Extra Packer NO Straddle NO Hook Wall NO  
 Top Recorder No. 4005 Clock No. Electronic Depth 3606 Cir. Sub NO Sampler NO  
 Bottom Recorder No. 3875 Clock No. 7441 Depth 3609 Insurance None

Price of Job \_\_\_\_\_  
 Tool Operator Sheu  
 Approved By \_\_\_\_\_  
 No 14130

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, or 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.

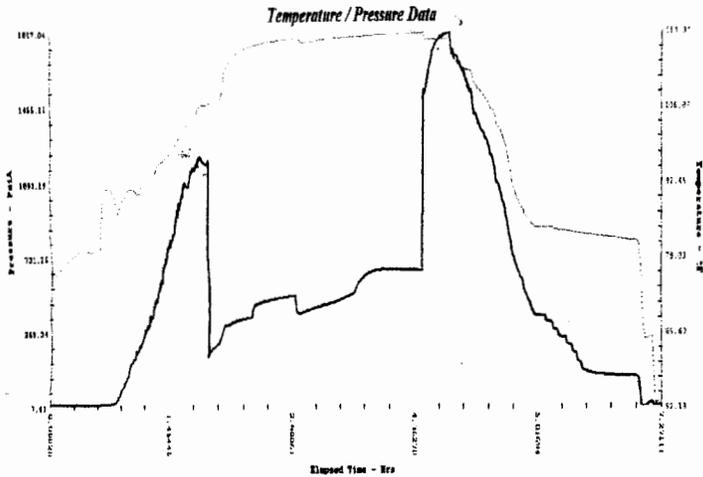
# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530

Company: CASTLE RESOURCES Lease & Well No: S&W #1 Test #: 1 Date: 03/09/07 SEC. 27 TWP. 12S  
 RGE. 20W



1	Initial Hydrostatic Pressure	1204
2	Initial Flow Pressure	255
3	Final Initial Flow Pressure	443
4	Initial Shut-In Pressure	547
5	Initial Final Flow Pressure	477
6	Final Flow Pressure	562
7	Final Shut-In Pressure	670
8	Final Hydrostatic Pressure	670
Maximum Temperature		119

**GENERAL INFORMATION**

COMPANY NAME .... CASTLE RESOURCES	LEASE AND WELL NUMBER ..... S&W #1
TEST DATE .... 3/9/07	FORMATION TESTED ..... LANSING
SECTION-TOWN-RANGE .... 27-12S-20W	DRILL STEM TEST NUMBER ..... 1
STATE .... KANSAS	REPORT NUMBER ..... 14130
COUNTY .... ELLIS	ELEVATION KELLY BUSHINGS ..... 2223
ELEVATION GROUND LEVEL .... 2220	TESTING ENGINEER ..... KEVIN WEBSTER
COMPANY REPRESENTATIVE .... JERRY GREEN	

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) .... 3564	TOP PACKER DEPTH ..... 3559
TEST INTERVAL (to) .... 3609	BOTTOM PACKER DEPTH ..... 3564
ANCHOR LENGTH .... 45	NUMBER OF PACKERS ..... 2
TOTAL DEPTH (ft) .... 3609	PACKER SIZE ..... 6 3/4
	HOLE SIZE ..... 7 7/8

**FLOW TIMES**

TOOL OPEN (from) .... 4:45	TOOL OPEN (from) ..... 5:45	
INITIAL OPEN TOOL OPEN (to) .... 5:15	FINAL OPEN TOOL OPEN (to) ..... 6:30	RECEIVED KANSAS CORPORATION COMMISSION <b>SEP 14 2007</b>
DURATION (min.) .... 30	DURATION (min.) ..... 45	CONSERVATION DIVISION WICHITA, KS
TOOL CLOSED (from) .... 5:15	TOOL CLOSED (from) ..... 6:30	
INITIAL SHUT-IN TOOL CLOSED (to) .... 5:45	FINAL SHUT-IN TOOL CLOSED (to) ..... 7:15	
DURATION (min.) .... 30	DURATION (min.) ..... 45	

**INITIAL FLOW**

**STRONG BUILT TO BOTTOM OF BUCKET IN 5 MINUTES**

**FINAL FLOW**

**WEAK BLOW BUILT TO BOTTOM OF BUCKET IN 18 MINUTES**

		RESISTIVITY	AT	DEGREES	CHLORIDES			
FEET OF	RECOVERY	RECOVERY DESCRIPTION			%	%	%	%
Recovery					GAS	OIL	MUD	WATER
1)	2	FREE OIL			5	95		
2)	648	GASSY SLIGHTLY OIL CUT MUDDY WATER			5	TR	25	70
3)		CHLORIDES 140,000						
4)								
5)								

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

**DRILL STEM TEST REPORT**

GREAT BEND ,KANSAS 67530 (800)792-6902

**GENERAL INFORMATION**

COMPANY NAME ..... CASTLE RESOURCES  
TEST DATE ..... 3/9/07  
SECTION-TOWN-RANGE ..... 27-12S-20W  
STATE ..... KANSAS  
COUNTY ..... ELLIS  
ELEVATION GROUND LEVEL ..... 2220  
COMPANY REPRESENTATIVE ..... JERRY GREEN  
LEASE AND WELL NUMBER ..... S&W #1  
FORMATION TESTED ..... LANSING  
DRILL STEM TEST NUMBER ..... 1  
REPORT NUMBER ..... 14130  
ELEVATION KELLY BUSHINGS ..... 2223  
TESTING ENGINEER ..... KEVIN WEBSTER

**EXTRA EQUIPMENT**

JARS ..... NO  
SAFETY JOINT ..... NO  
ELECTRONIC RECORDER ..... YES  
CIRCULATING SUB ..... NO  
MILES ROUND TRIP FROM GREAT BEND  
TOP RECORDER DEPTH ..... 3606  
RECORDER NUMBER ..... 91981  
EXTRA PACKER (3RD) ..... NO  
EXTRA PACKER (4TH) ..... NO  
STRADDLE ..... NO  
HOOK WALL ..... NO  
SAMPLER ..... NO  
BOTTOM RECORDER DEPTH ..... 3607  
RECORDER NUMBER ..... 5463

**WELL INFORMATION**

DRILLING CONTRACTOR ..... MURFIN #24  
DRILL PIPE LENGTH ..... 3559  
DRILL PIPE I.D. .... 3.8  
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.  
DRILL COLLAR LENGTH ..... 124  
DRILL COLLAR I.D. .... 2.25  
TOOL JOINT SIZE ..... 4 1/2 X.H.  
MUD WEIGHT #/GAL ..... 9.1  
VISCOSITY ..... 50  
WATER LOSS ..... 8  
CHLORIDES-PITS ..... 3,000  
CHLORIDES-DST .....

**COMMENTS**

RECEIVED  
KANSAS CORPORATION COMMISSION

SEP 14 2007

*Temperature / Pressure Data*



RECEIVED  
KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION  
WICHITA, KS

CASTLE RESOURCES INC. 03/09/07 27-12S-20W S&W #1 LANSING DST #1

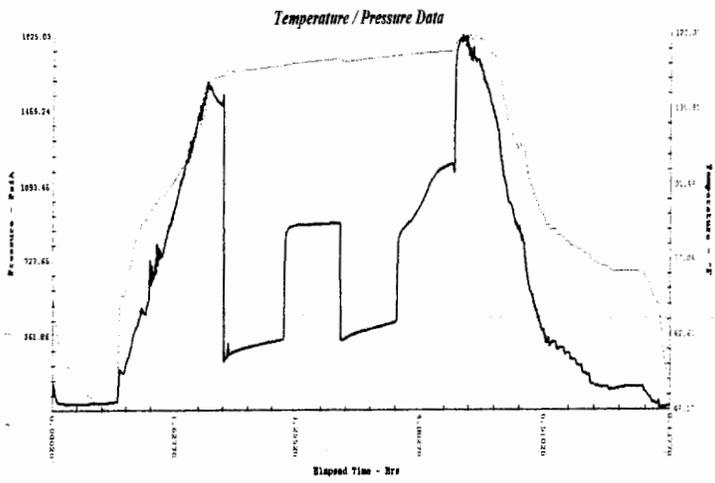
# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

1(800)792-6902

GREAT BEND, KANSAS 67530

Company: **CASILE RESOURCES INC.** Lease & Well No: **S&W #1** Test #: **2** Date: **3/11/07** SEC. **27** IWP.



1	Initial Hydrostatic Pressure	1848
2	Initial Flow Pressure	91
3	Final Initial Flow Pressure	136
4	Initial Shut-In Pressure	1059
5	Initial Final Flow Pressure	159
6	Final Flow Pressure	227
7	Final Shut-In Pressure	1016
8	Final Hydrostatic Pressure	1803
Maximum Temperature		118

**GENERAL INFORMATION**

COMPANY NAME ..... <b>CASTLE RESOURCES</b>	
TEST DATE ..... <b>3/11/07</b>	LEASE AND WELL NUMBER ..... <b>S&amp;W #1</b>
SECTION-TOWN-RANGE ..... <b>27-12S-20W</b>	FORMATION TESTED ..... <b>MARMATON</b>
STATE ..... <b>KANSAS</b>	DRILL STEM TEST NUMBER ..... <b>2</b>
COUNTY ..... <b>ELLIS</b>	REPORT NUMBER ..... <b>14131</b>
ELEVATION GROUND LEVEL ..... <b>2220</b>	ELEVATION KELLY BUSHINGS ..... <b>2223</b>
COMPANY REPRESENTATIVE ..... <b>JERRY GREEN</b>	TESTING ENGINEER ..... <b>KEVIN WEBSTER</b>

**TOOL SETTING INFORMATION**

TEST INTERVAL (From) ..... <b>3826</b>	TOP PACKER DEPTH ..... <b>3821</b>
TEST INTERVAL (to) ..... <b>3940</b>	BOTTOM PACKER DEPTH ..... <b>3826</b>
ANCHOR LENGTH ..... <b>114</b>	NUMBER OF PACKERS ..... <b>2</b>
TOTAL DEPTH (ft) ..... <b>3940</b>	PACKER SIZE ..... <b>6 3/4</b>
	HOLE SIZE ..... <b>7 7/8</b>

**FLOW TIMES**

TOOL OPEN (from) ..... <b>9:10</b>	TOOL OPEN (from) ..... <b>10:40</b>
INITIAL OPEN TOOL OPEN (to) ..... <b>9:55</b>	FINAL OPEN TOOL OPEN (to) ..... <b>11:25</b>
DURATION (min.) ..... <b>45</b>	DURATION (min.) ..... <b>45</b>
TOOL CLOSED (from) ..... <b>9:55</b>	TOOL CLOSED (from) ..... <b>11:25</b>
INITIAL SHUT-IN TOOL CLOSED (to) ..... <b>10:40</b>	FINAL SHUT-IN TOOL CLOSED (to) ..... <b>12:10</b>
DURATION (min.) ..... <b>45</b>	DURATION (min.) ..... <b>45</b>

**INITIAL FLOW**

**STRONG BLOW BUILT TO BOTTOM OF BUCKET IN 14 MINUTES**

**FINAL FLOW**

**GOOD BLOW BUILT TO BOTTOM OF BUCKET IN 16 MINUTES**

		RESISTIVITY	AT	DEGREES	CHLORIDES			
FEET OF	RECOVERY				%	%	%	%
Recovery	DESCRIPTION				GAS	OIL	MUD	WATER
1)	280	FREE GASSY OIL	4	BBLs	15	85		
2)	120	OIL CUT WATER				10		
3)	120	OIL SPECKED MUDDY WATER				TR	5	95
4)		chlorides 36000						
5)								

RECEIVED  
KANSAS CORPORATION COMMISSION  
**SEP 14 2007**  
CONSERVATION DIVISION  
WICHITA, KS

# SUPERIOR TESTERS ENTERPRISES L.L.C.

## DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

### GENERAL INFORMATION

COMPANY NAME .....	CASTLE RESOURCES	LEASE AND WELL NUMBER .....	S&W #1
TEST DATE .....	3/11/07	FORMATION TESTED .....	MARMINGTON
SECTION-TOWN-RANGE .....	27-12S-20W	DRILL STEM TEST NUMBER .....	2
STATE .....	KANSAS	REPORT NUMBER .....	14131
COUNTY .....	ELLIS	ELEVATION KELLY BUSHINGS .....	2223
ELEVATION GROUND LEVEL .....	2220	TESTING ENGINEER .....	KEVIN WEBSTER
COMPANY REPRESENTATIVE .....	JERRY GREEN		

### EXTRA EQUIPMENT

JARS .....	NO	EXTRA PACKER (3RD) .....	NO
SAFETY JOINT .....	NO	EXTRA PACKER (4TH) .....	NO
ELECTRONIC RECORDER .....	YES	STRADDLE .....	YES
CIRCULATING SUB .....	NO	HOOK WALL .....	NO
		SAMPLER .....	NO
	<b>85 MILES ROUND TRIP FROM</b>		<b>GREAT BEND</b>
TOP RECORDER DEPTH .....	3936	BOTTOM RECORDER DEPTH .....	3937
RECORDER NUMBER .....	91981	RECORDER NUMBER .....	5463

### WELL INFORMATION

DRILLING CONTRACTOR .....	MURFIN #24	DRILL COLLAR LENGTH .....	124
DRILL PIPE LENGTH .....	3694	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 .....	8.8
WEIGHT PIPE I.D. ....	2.25	VISCOSITY .....	52
TOOL JOINT SIZE .....	4 1/2 X.H.	WATER LOSS .....	8.8
		CHLORIDES-PITS .....	4,000
		CHLORIDES-DST .....	

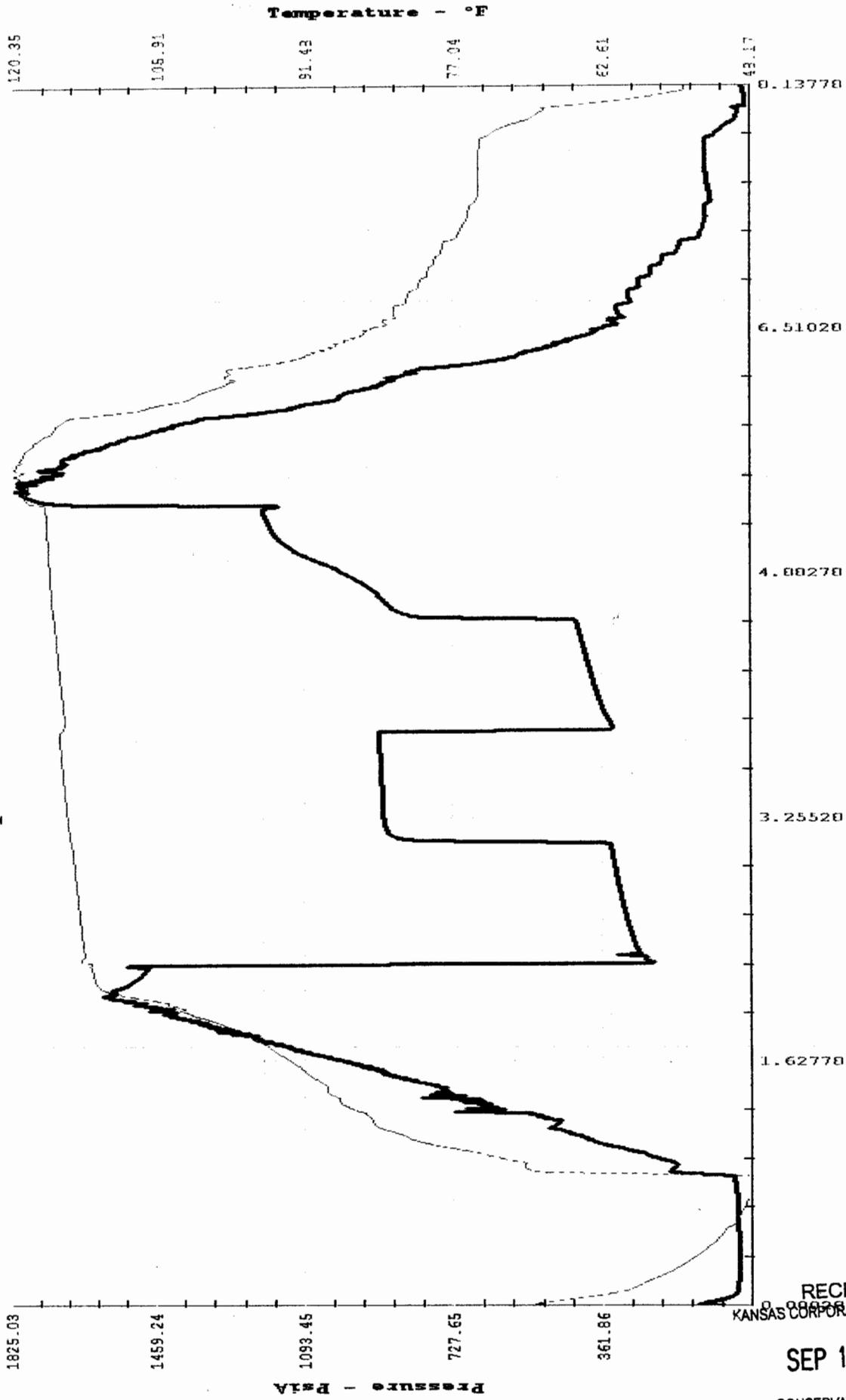
### COMMENTS

RECEIVED  
KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION  
WICHITA, KS

*Temperature / Pressure Data*



RECEIVED  
KANSAS CORPORATION COMMISSION

SEP 14 2007

CONSERVATION DIVISION  
WICHITA, KS

CASTLE RESOURCES INC. S&W #1 3/11/07 27-12S-20W MARMINGTON DST#2