

Steele Truss 1
Ritchie Expl.

17-27s-23w
15-057-20514

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902 KB 2427

Date 7.14.06 Location 17-27-23W Elevation 2417 County FORD

Company Ritchie Exploration Inc Number of Copies 5

Charts Mailed to P.O. 783188 Wichita KS 67278

Drilling Contractor VAL ENERGY K56 #1
Length Drill Pipe 4155 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2 X 1 1/2

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

Length Drill Collars NONE I.D. Drill Collars 2.25 Tool Joint Size 4 1/2 X 1 1/2

Top Packer Depth 4170 Bottom Packer Depth 4175 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4175 TO 4264 ANCHOR LENGTH 89 TOTAL DEPTH 4264 Hole Size 7 7/8

LEASE & WELL NO. Steele Truss #2 FORMATION TESTED LANSENB TEST NO. 1

Mud Weight 8.7 Viscosity 65 Water Loss 8.8 Chlorides - Pits 2,000 D.S.T. 118,000

Maximum Temp. 110 °F Initial Hydrostatic Pressure (A) 207 P.S.I. Final Hydrostatic Pressure (H) 2050 P.S.I.

Tool Open I.F.P. from 1:10 m to 1:40 m 30 min

Tool Closed I.C.I.P. from 1:40 m to 2:25 m 45 min

Tool Open F.F.P. from 2:25 m to 3:10 m 45 min

Tool Closed F.C.I.P. from 3:10 m to 4:10 m 60 min

from [B] <u>77</u> P.S.I. to [C] <u>164</u> P.S.I.
[D] <u>1371</u> P.S.I.
from [E] <u>170</u> P.S.I. to [F] <u>276</u> P.S.I.
[G] <u>1354</u> P.S.I.

Initial Blow Weak building blow built to 9 inches in 5 gallon bucket

Final Blow Weak building blow built to 8 inches in 5 gallon bucket

Total Feet Recovered 415 Gravity of Oil --- Corrected

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

600 Feet of muddy water % Gas --- % Oil 40 % Mud 60 % Water ---

300 Feet of mud cut water % Gas --- % Oil 10 % Mud 90 % 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. 4005 Clock No. electronic Depth 4260 Cir. Sub --- Sampler ---

Bottom Recorder No. 7896 Clock No. 3439 Depth 4261 Insurance ---

Price of Job ---

Tool Operator NATHAN MARTEL

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, 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.

№ 14159

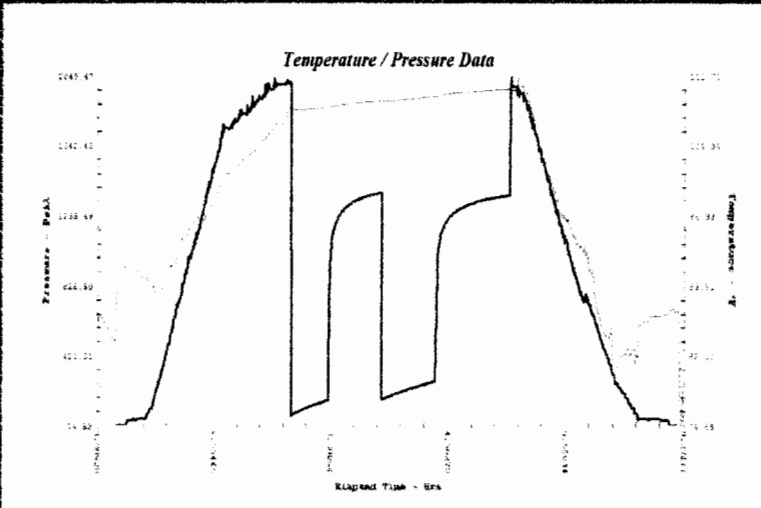
SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHIE EXPLORATION INC. Lease & Well No: STEELE TRUST #1 Test #: 1 Date: 07-14-2006 SEC. 17 TWP. 27 RGE. 23W



1	Initial Hydrostatic Pressure	2017
2	Initial Flow Pressure	77
3	Final Initial Flow Pressure	164
4	Initial Shut-In Pressure	1371
5	Initial Final Flow Pressure	170
6	Final Flow Pressure	276
7	Final Shut-In Pressure	1354
8	Final Hydrostatic Pressure	2050
Maximum Temperature		110

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.	
TEST DATE 7/14/06	LEASE AND WELL NUMBER STEELE TRUST #1
SECTION-TOWN-RANGE 17-27-23W	FORMATION TESTED LANSING
STATE KANSAS	DRILL STEM TEST NUMBER 1
COUNTY FORD	REPORT NUMBER 14159
ELEVATION GROUND LEVEL 2417	ELEVATION KELLY BUSHINGS 2427
COMPANY REPRESENTATIVE MIKE	TESTING ENGINEER NATHAN MANRING

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4175	TOP PACKER DEPTH 4170
TEST INTERVAL (to) 4262	BOTTOM PACKER DEPTH 4175
ANCHOR LENGTH 87	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 4262	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 1:10	TOOL OPEN (from) 2:25
INITIAL OPEN TOOL OPEN (to) 1:40	FINAL OPEN TOOL OPEN (to) 3:10
DURATION (min.) 30	DURATION (min.) 45
TOOL CLOSED (from) 1:40	TOOL CLOSED (from) 3:10
INITIAL SHUT-IN TOOL CLOSED (to) 2:25	FINAL SHUT-IN TOOL CLOSED (to) 4:10
DURATION (min.) 45	DURATION (min.) 60

INITIAL FLOW WEAK BUILDING BLOW BUILT TO 9 INCHES IN 5 GALLON BUCKET IN 30 MINUTES

FINAL FLOW WEAK BUILDING BLOW BUILT TO 8 INCHES IN 5 GALLON BUCKET IN 45 MINUTES

		RESISTIVITY	AT	DEGREES	CHLORIDES			
FEET OF	RECOVERY	DESCRIPTION			% GAS	% OIL	% MUD	% WATER
Recovery	415							
1)	115	DRILING MUD						
2)	60	MUDDY WATER					40	60
3)	300	MUD CUT WATER					10	90
4)								
5)								

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	..... RITCHIE EXPLORATION INC.	LEASE AND WELL NUMBER	..... STEELE TRUST #1
TEST DATE	..... 7/14/06	FORMATION TESTED	..... LANSING
SECTION-TOWN-RANGE	..... 17-27-23W	DRILL STEM TEST NUMBER	..... 1
STATE	..... KANSAS	REPORT NUMBER	..... 14159
COUNTY	..... FORD	ELEVATION KELLY BUSHINGS	..... 2427
ELEVATION GROUND LEVEL	..... 2417	TESTING ENGINEER	..... NATHAN MARRING
COMPANY REPRESENTATIVE	..... MIKE		

EXTRA EQUIPMENT

JARS	..... NO	EXTRA PACKER (3RD)	..... NO
SAFETY JOINT	..... NO	EXTRA PACKER (4TH)	..... NO
ELECTRONIC RECORDER	..... NO	STRADDLE	..... NO
CIRCULATING SUB	..... NO	HOOK WALL	..... NO
	166 MILES ROUND TRIP FROM	SAMPLER	..... NO
	GREAT BEND		
TOP RECORDER DEPTH	..... 4260	BOTTOM RECORDER DEPTH	..... 4261
RECORDER NUMBER	..... 91981	RECORDER NUMBER	..... 5463

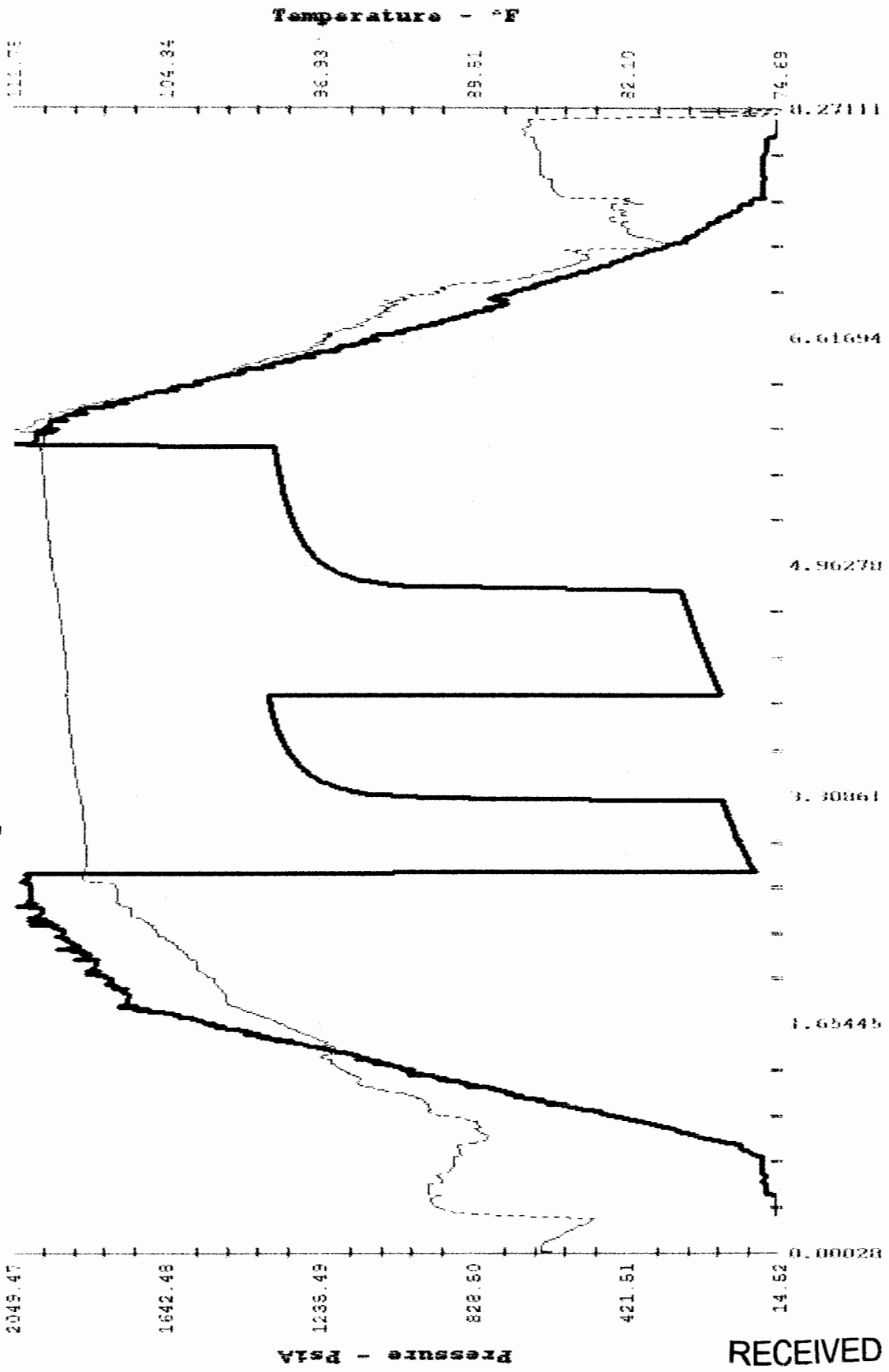
WELL INFORMATION

DRILLING CONTRACTOR	..... VAL ENERGY RIG #1	DRILL COLLAR LENGTH	..... NONE
DRILL PIPE LENGTH	..... 4155	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	..... 5.7
WEIGHT PIPE I.D.	..... 2.25	VISCOSITY	..... 65
TOOL JOINT SIZE 4 1/2 X.H.	WATER LOSS 8.8
		CHLORIDES-PITS 2,000
		CHLORIDES-DST

COMMENTS

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Temperature / Pressure Data



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Superior Testers Enterprises, Inc.

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

(316) 792-6902 **K02427**

Date 7-16-06 Location 17-27-23^W Elevation 2417 County FORD

Company Ritchie Exploration INC Number of Copies 5

Charts Mailed to PO. 783188 Wichita KS 67278

Drilling Contractor VAL ENERGY RIC #1

Length Drill Pipe 4705 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 4720 Bottom Packer Depth 4725 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4725 TO 4755 ANCHOR LENGTH 30 TOTAL DEPTH 4755 Hole Size 6 7/8

LEASE & WELL NO. Steel Trust #2 FORMATION TESTED PAWNEE TEST NO. 2

Mud Weight 9.2 Viscosity 51 Water Loss 8.8 Chlorides - Pits 5000 D.S.T. •

Maximum Temp. 117 °F Initial Hydrostatic Pressure (A) 2362 P.S.I. Final Hydrostatic Pressure (H) 2232 P.S.I.

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

Tool Closed I.C.I.P. from 9:30 m to 10:15 m 45 min

Tool Open F.F.P. from 10:15 m to 11:00 m 45 min

Tool Closed F.C.I.P. from 11:00 m to 12:00 m 60 min

from [B] <u>72</u> P.S.I. to [C] <u>105</u> P.S.I.
[D] <u>1469</u> P.S.I.
from [E] <u>73</u> P.S.I. to [F] <u>127</u> P.S.I.
[G] <u>1461</u> P.S.I.

Initial Blow Strong blow bottom 5 gallon bucket in 3 minutes

Final Blow Strong blow bottom 5 gallon bucket less 1 minutes gas to surface 11 minutes

Total Feet Recovered 220 Gravity of Oil _____ Corrected

40 Feet of gas cut muddy oil 5 % Gas 55 % Oil 40 % Mud _____ % Water

60 Feet of oil cut muddy gas 55 % Gas 10 % Oil 35 % Mud _____ % Water

120 Feet of mud cut gassy oil 30 % Gas 050 % Oil 20 % Mud _____ % Water

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

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

Feet of _____ OCT - 5 2006 _____ % Gas _____ % Oil _____ % Mud _____ % Water

Feet of _____ KCC WICHITA _____ % Gas _____ % Oil _____ % Mud _____ % Water

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

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

Remarks GAS SAMPLE WAS TAKEN

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

Top Recorder No. 4005 Clock No. Electronic Depth 4751 Cir. Sub _____ Sampler _____

Bottom Recorder No. 7895 Clock No. 3439 Depth 4752 Insurance _____

Price of Job _____

Tool Operator MAURINE

Approved By _____ NO 14160

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.

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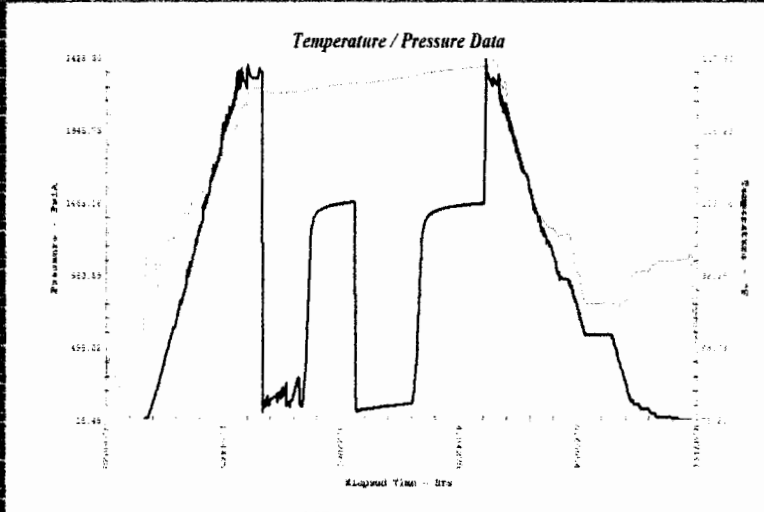
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHIE EXPLORATION INC.

17 TWP. 27 RGE. 23W

Lease & Well No: STEELE TRUST #1 Test #: 2 Date: 07-16-2006 SEC.



1	Initial Hydrostatic Pressure	2362
2	Initial Flow Pressure	72
3	Final Initial Flow Pressure	105
4	Initial Shut-In Pressure	1469
5	Initial Final Flow Pressure	73
6	Final Flow Pressure	127
7	Final Shut-In Pressure	1461
8	Final Hydrostatic Pressure	2232
Maximum Temperature		117

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.	
TEST DATE 7/16/06	LEASE AND WELL NUMBER STEELE TRUST #1
SECTION-TOWN-RANGE 17-27-23W	FORMATION TESTED PAWNEE
STATE KANSAS	DRILL STEM TEST NUMBER 2
COUNTY FORD	REPORT NUMBER 14160
ELEVATION GROUND LEVEL 2417	ELEVATION KELLY BUSHINGS 2427
COMPANY REPRESENTATIVE MIKE	TESTING ENGINEER NATHAN MANRING

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4725	TOP PACKER DEPTH 4720
TEST INTERVAL (to) 4755	BOTTOM PACKER DEPTH 4725
ANCHOR LENGTH 30	NUMBER OF PACKERS 2
TOTAL DEPTH (ft) 4755	PACKER SIZE 6 3/4
	HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 9:00	TOOL OPEN (from) 10:15
INITIAL OPEN TOOL OPEN (to) 9:30	FINAL OPEN TOOL OPEN (to) 11:00
DURATION (min.) 30	DURATION (min.) 45
TOOL CLOSED (from) 9:30	TOOL CLOSED (from) 11:00
INITIAL SHUT-IN TOOL CLOSED (to) 10:15	FINAL SHUT-IN TOOL CLOSED (to) 12:00
DURATION (min.) 45	DURATION (min.) 60

INITIAL FLOW

STRONG BLOW BOTTOM 5 GALLON BUCKET IN 3 MINUTES

FINAL FLOW

STRONG BLOW BOTTOM 5 GALLON BUCKET LESS THAN 1 MINUTE GAS TO SURFACE IN 11 MINUTES SEE GAS FLOW REPORTS

		RESISTIVITY	AT	DEGREES	CHLORIDES			
FEET OF	RECOVERY	DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1) 40	220	GAS CUT MUDDY OIL			5	55	40	
2) 60		OIL CUT MUDDY GAS			55	10	35	
3) 120		MUD CUT GASSY OIL			30	50	20	
4)								
5)								

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC.	LEASE AND WELL NUMBER	STEELE TRUST #1
TEST DATE	7/16/06	FORMATION TESTED	PAWNEE
SECTION-TOWN-RANGE	17-27-23W	DRILL STEM TEST NUMBER	2
STATE	KANSAS	REPORT NUMBER	14160
COUNTY	FORD	ELEVATION KELLY BUSHINGS	2427
ELEVATION GROUND LEVEL	2417	TESTING ENGINEER	NATHAN MANNING
COMPANY REPRESENTATIVE	MIKE		

EXTRA EQUIPMENT

JARS	NO	EXTRA PACKER (3RD)	NO
SAFETY JOINT	NO	EXTRA PACKER (4TH)	NO
ELECTRONIC RECORDER	NO	STRADDLE	NO
CIRCULATING SUB	NO	HOOK WALL	NO
		SAMPLER	NO
	166 MILES ROUND TRIP FROM		
TOP RECORDER DEPTH	4751	BOTTOM RECORDER DEPTH	4752
RECORDER NUMBER	91881	RECORDER NUMBER	5483

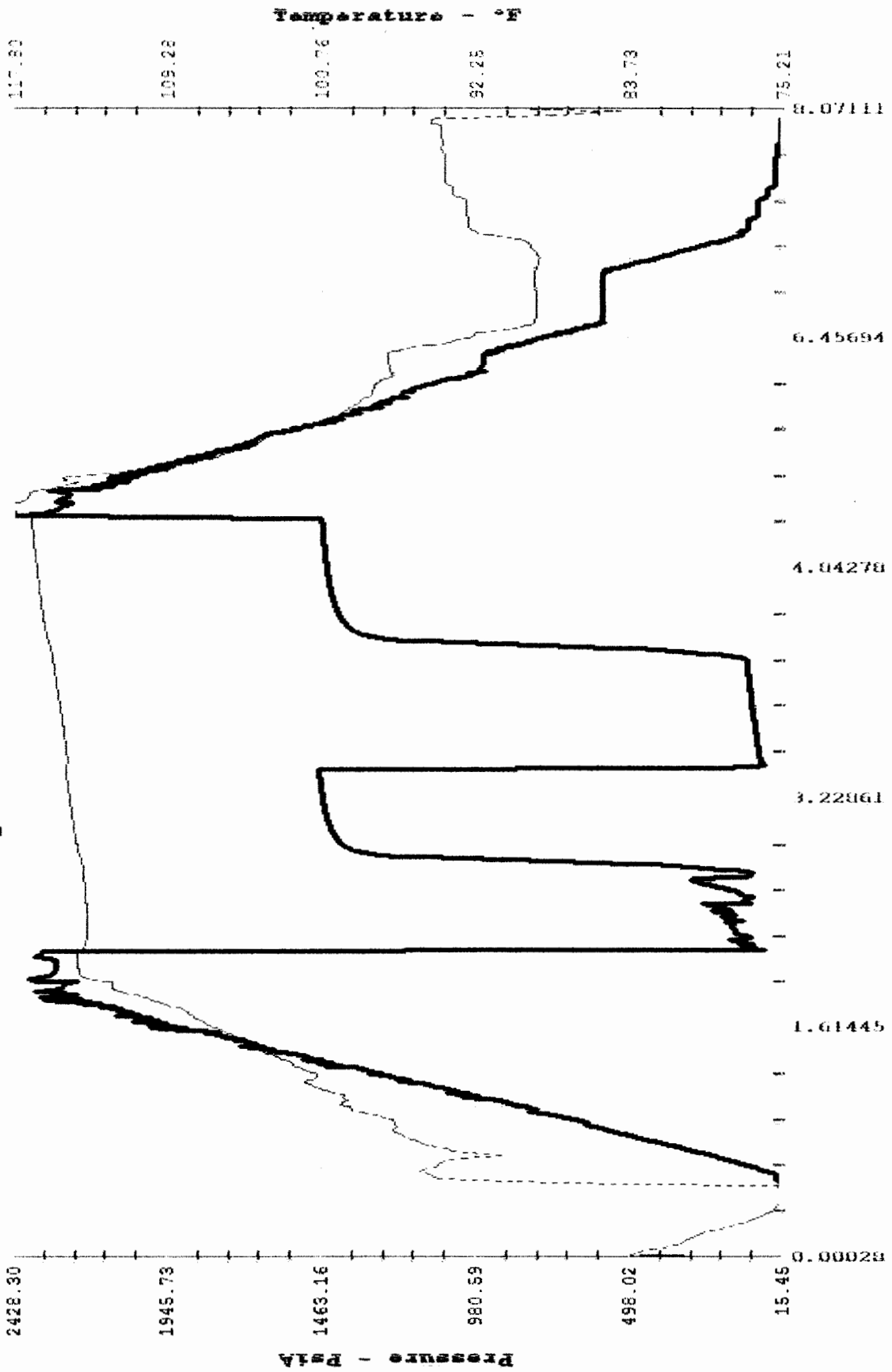
WELL INFORMATION

DRILLING CONTRACTOR	VAL ENERGY RIG #1	DRILL COLLAR LENGTH	NONE
DRILL PIPE LENGTH	4705	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	9.2
WEIGHT PIPE I.D.	2.25	VISCOSITY	51
TOOL JOINT SIZE	4 1/2 X.H.	WATER LOSS	8.8
		CHLORIDES-PITS	5,000
		CHLORIDES-DST	

COMMENTS

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Temperature / Pressure Data



RITCHIE EXPLORATION INC. STEELE TRUST #1 17-27-23W 07-16-2006

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GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE	KANSAS	Test Date	1/0/1900
COUNTY	FORD	Sec Town Range	17-27-23W
FIELD		Report Number	14160

Initial Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MGF/Day)

Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Office Tester	PSI on Office Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MGF/Day)
STRONG BLOW	10:26	0	0			1/8	0.000
GAS TO	10:36	10	26			1/8	2.690
SURFACE IN 11	10:46	20	66			1/8	4.280
MINUTES	10:56	30	92			1/8	5.060
	11:00	34	98			1/8	5.280
GAS SAMPLE WAS TAKEN							
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SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

1ST SHUT-IN

State KANSAS

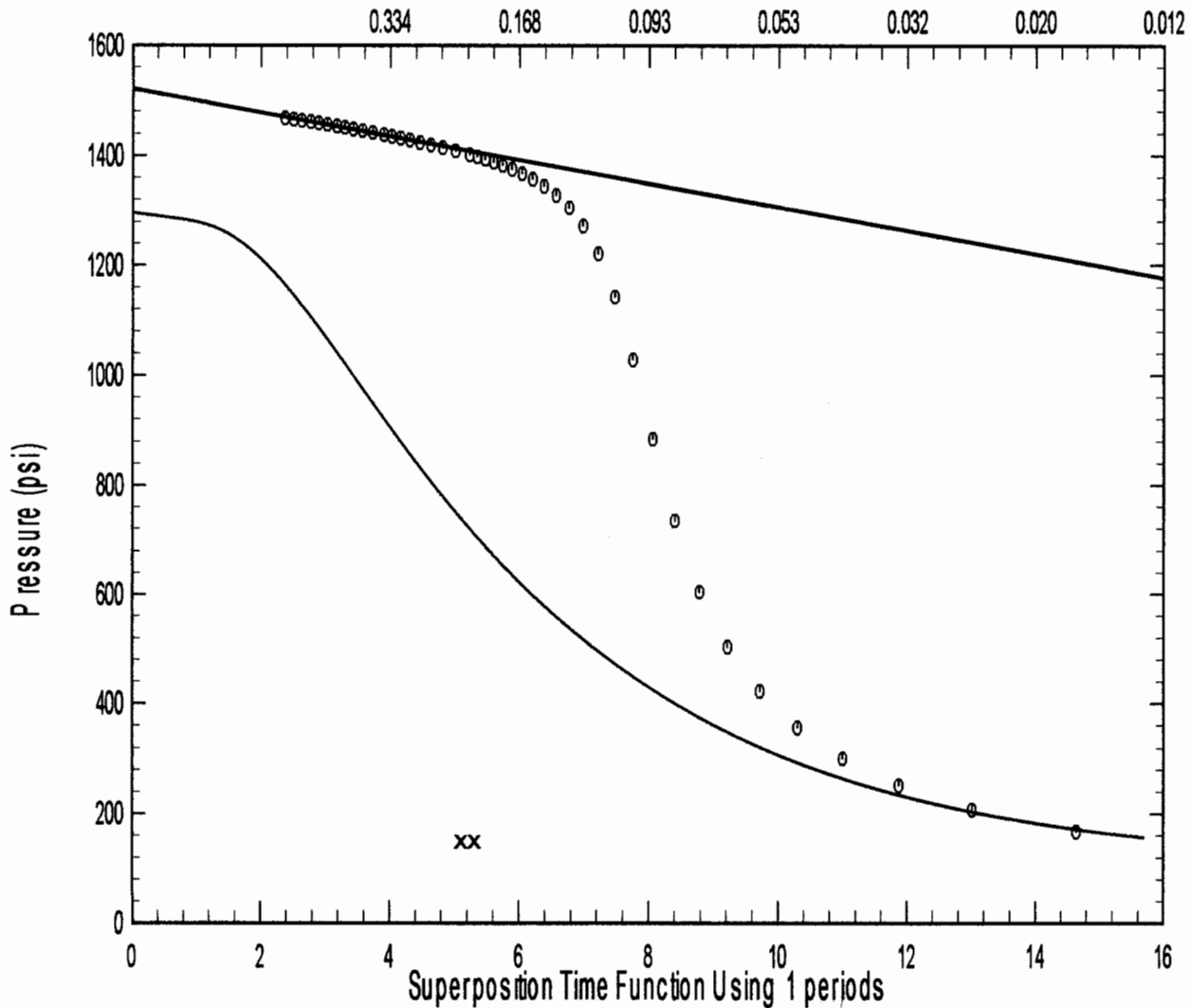
Test Date 6/28/2004

County RICE

Sec Town Range 28-19-10W

Field

Report Number 12545



MODEL RESULTS

Constant Storage	Skin Model	Homogeneous	No Boundaries
C1 : 2.000E-4 bbl/psi	Skin : 9.33	k : 2.519 md	h : 10 ft
		Est Pi: 1295.4 psi	mu : 1.097 cp
			phi : 18.0%
			ct : 3.343E-04 1/psi
			rw : 3.208 ft
			FVF : 2.44

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Field :
County or Parish :
State :

Date Printed: 07/17/06 15:14:08
Analysis Period : 1st shut-in
Comment : Line #

Superposition Slope -> m' -21.507280
Homer Slope -> m -206.469891
Intercept 1520.791
P(dt=1 hr) 1481.975
Pwf 105.020
R Sqr 0.9949

k (md) 2.02188
kh (md-ft) 20.21880
k/u (md/cp) 1.84394
kh/uB (md-ft/cp) 7.56023

Skin 7.393
DP Skin 1327.922
Total DP 1415.771
Percent DP 93.79%

Radius Invest (ft) 5
Radius Time (hrs) 0.72

Delta Q = 10
h (ft)= 10
mu = 1.097
B = 2.439

First Point # 30
Second Point # 83
Start Real Time 0.242
End Real Time 0.683
Start SF Time 4.903

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SUPERIOR TESTERS ENTERPRISES INC.

GREAT BEND, KANSAS

SUPERPOSITION ANALYSIS

(316) 792-6902

2ND SHUT-IN

State KANSAS

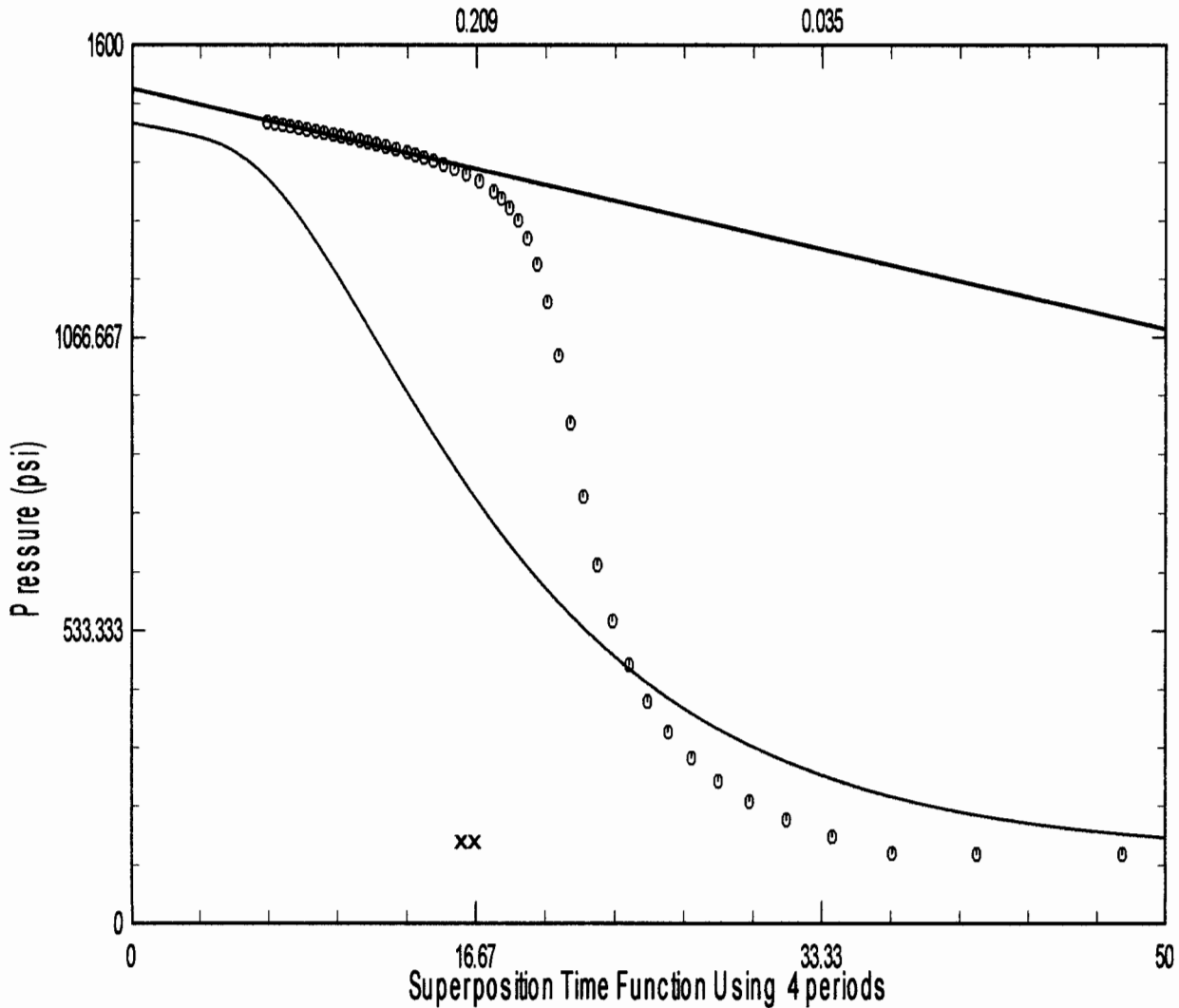
Test Date 6/28/2004

County RICE

Sec Town Range 28-19-10W

Field

Report Number 12545



MODEL RESULTS

Constant Storage	Skin Model	Homogeneous	No Boundaries	h : 10 ft
C1 : 5.100E-4 bbl/psi	Skin : 8.78	k : 5.928 md		mu : 1.097 cp
		Est Pi: 1457.9 psi		phi : 18.0%
				ct : 3.343E-04 1/psi
				rw : 3.208 ft
				FVF : 2.44

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Field :
County or Parish :
State :

Date Printed: 07/17/06 15:22:51
Analysis Period : 2ND SHUT-IN
Comment : Line #

Superposition Slope -> m' -8.792979
Horner Slope -> m -211.031502
Intercept 1521.054
P(dt=1 hr) 1463.850
Pwf 126.690
R Sqr 0.9856

k (md) 4.94544
kh (md-ft) 49.45440
k/u (md/cp) 4.51020
kh/uB (md-ft/cp) 18.49203

Skin 6.563
DP Skin 1204.861
Total DP 1394.364
Percent DP 86.41%

Radius Invest (ft) 9
Radius Time (hrs) 0.99

Delta Q = 24
h (ft)= 10
mu = 1.097
B = 2.439

First Point # 28
Second Point # 119
Start Real Time 0.225
End Real Time 0.983
Start SF Time 16.160

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PVT Detail

INPUT DATA

Pressure of Interest (psia).....	1469.00
Temperature of Interest (F).....	117.00
Gas-liquid-ratio (scf/bbl).....	550.00
Water Cut (%).....	0.00%
Standard Pressure (psia).....	14.7000
Standard Temperature (F).....	60.0000
API Gravity Liq Hydrocarbon.....	35.0000
Water Salinity (ppm).....	10000.0000
Solution GOR & Pb Correlation.....	STANDING
Formation Volume Factor Correlation.....	STANDING
Dead Oil Correlation.....	BEGGS-ROBINSON
Dead Water Correlation.....	MEEHAN
Reservoir Fluid Type.....	Liquid
Reservoir Oil Saturation (%).....	35.00%
Reservoir H2O Saturation (%).....	35.00%
Reservoir Gas Saturation (%).....	30.00%
Reservoir Rock Type.....	SANDSTONE
Reservoir Rock Porosity (%).....	18.00%
True Vertical Depth (ft).....	10000
CO2 (Mole %).....	0.000E+00
H2S (Mole %).....	0.000E+00
N2 (Mole %).....	0.000E+00
Specific Gravity Gas (dim).....	0.6500
Pseudo Critical Temp (R).....	370.0000
Pseudo Critical Press (psia).....	671.0000

CALCULATED VALUES

Ct Reservoir (1/psi).....	3.343E-04
Cf Wellbore (1/psi).....	4.051E-04
Total Fluid Visc (cp).....	1.1603
Total FVF (bbl/stb).....	1.5447
Total Fluid Bubble Point Press (psi).....	2257.7470
Fluid Density (lbs/r-ft3).....	37.4926
Total Fluid SG (dim).....	0.6012
FVF Oil (Rbl/Stb).....	1.1561
FVF H2O (Rbl/Stb).....	0.000E+00
FVF GAS (Scf/FT3).....	9.815E-03
Mu Oil (cp).....	1.5454
Mu Gas (cp).....	0.0144
Density Oil (lb/rft3).....	48.6518
Density H2O (lb/rft3).....	0.000E+00
Density Gas (lb/rft3).....	4.2928
Compress. Oil (1/psi).....	2.826E-04
Compress. H2O (1/psi).....	9.274E-06
Compress. Gas (1/psi).....	7.695E-04
Compress. Rock (1/psi).....	1.265E-06
Critical Temp (R).....	340.1449
Critical Press (psia).....	677.1917
Oil Vol Frac of Total Fluid (frac).....	0.7484
Water Vol Frac of Total Fluid (frac).....	0.000E+00
Gas Vol Frac of Total Fluid (frac).....	0.2516
Dissolved Gas/Oil Ratio (Scf/Stb oil).....	327.6894
Dissolved Gas/H2O Ratio (Scf/Stb H2O).....	0.000E+00
Free Gas/Liquid Ratio (Scf/STB Tot Liq).....	222.3106
Gas Gravity of Free Gas (dim).....	0.5520
Gas Gravity of Gas in Oil (dim).....	0.7165

Gas Gravity of Gas in H2O (dim)

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Superior Testers Enterprises, Inc.

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

(316) 792-6902 **KB 2427**

Date 7-17-06 Location 17-27-23^N Elevation 2417 County FORD

Company Ritchie Exploration Inc. Number of Copies 5

Charts Mailed to PO. 783188 Wichita KS 67278

Drilling Contractor VAL ENERGY RIS #2

Length Drill Pipe 4755 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 4770 Bottom Packer Depth 4775 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4775 TO 4815 ANCHOR LENGTH 40 TOTAL DEPTH 4815 Hole Size 7 1/4

LEASE & WELL NO. State Trust #1 FORMATION TESTED cherokee TEST NO. 3

Mud Weight 9.2 Viscosity 51 Water Loss 8.8 Chlorides - Pits 5,000 D.S.T. ---

Maximum Temp. 117 °F Initial Hydrostatic Pressure (A) 2451 P.S.I. Final Hydrostatic Pressure (H) 2357 P.S.I.

Tool Open I.F.P. from 4:45 m to 5:15 m 30 min

Tool Closed I.C.I.P. from 5:15 m to 6:00 m 45 min

Tool Open F.F.P. from 6:00 m to 6:45 m 45 min

Tool Closed F.C.I.P. from 6:45 m to 7:45 m 60 min

from [B] <u>49</u> P.S.I. to [C] <u>52</u> P.S.I.
[D] <u>222</u> P.S.I.
from [E] <u>51</u> P.S.I. to [F] <u>58</u> P.S.I.
[G] <u>264</u> P.S.I.

Initial Blow very weak building blow built to 4 inches in 5 gallon bucket

Final Blow strong blow built bottom 5 gallon bucket in less than 1 minute

Total Feet Recovered 45 fluid 300 BGAS Gravity of Oil --- Corrected

45 Feet of oil cut mud % Gas 15 % Oil 85 % 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 ---

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. 4005 Clock No. electronic Depth 4811 Cir. Sub --- Sampler ---

Bottom Recorder No. 7895 Clock No. 3439 Depth 4812 Insurance ---

Price of Job ---

Tool Operator NATHAN MANDER

Approved By ---

No. 14161

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.

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ruined
packer

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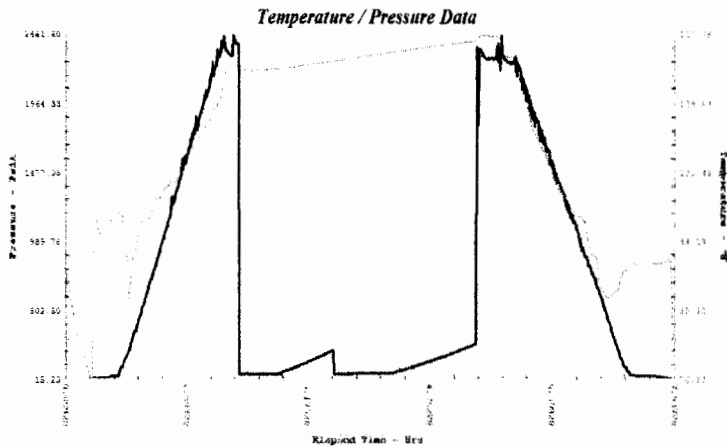
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHEE EXPLORATION INC.

17 TWP. 27 RGE. 23W

Lease & Well No: STEELE TRUST #1 Test #: 3 Date: 07-17-2006 SEC.



1	Initial Hydrostatic Pressure	2451
2	Initial Flow Pressure	49
3	Final Initial Flow Pressure	52
4	Initial Shut-In Pressure	222
5	Initial Final Flow Pressure	51
6	Final Flow Pressure	58
7	Final Shut-In Pressure	264
8	Final Hydrostatic Pressure	2357

Maximum Temperature 117

GENERAL INFORMATION

COMPANY NAME RITCHEE EXPLORATION INC.

TEST DATE 7/17/06

LEASE AND WELL NUMBER STEELE TRUST #1

SECTION-TOWN-RANGE 17-27-23W

FORMATION TESTED CHEROKEE

STATE KANSAS

DRILL STEM TEST NUMBER 3

COUNTY FORD

REPORT NUMBER 14161

ELEVATION GROUND LEVEL 2417

ELEVATION KELLY BUSHINGS 2427

COMPANY REPRESENTATIVE MIKE

TESTING ENGINEER NATHAN MANRING

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4775

TOP PACKER DEPTH 4770

TEST INTERVAL (to) 4815

BOTTOM PACKER DEPTH 4775

ANCHOR LENGTH 40

NUMBER OF PACKERS 2

TOTAL DEPTH (ft) 4815

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 4:45

TOOL OPEN (from) 6:00

INITIAL OPEN TOOL OPEN (to) 5:15

FINAL OPEN TOOL OPEN (to) 6:45

DURATION (min.) 30

DURATION (min.) 45

TOOL CLOSED (from) 5:15

TOOL CLOSED (from) 6:45

INITIAL SHUT-IN TOOL CLOSED (to) 6:00

FINAL SHUT-IN TOOL CLOSED (to) 7:45

DURATION (min.) 45

DURATION (min.) 60

INITIAL FLOW

VERY WEAK BUILDING BLOW BUILT TO 4 INCHES IN 5 GALLON BUCKET

FINAL FLOW

STRONG BLOW BUILT TO BOTTOM 5 GALLON BUCKET LESS THAN 1 MINUTE

RESISTIVITY		AT	DEGREES	CHLORIDES			
FEET OF	300 GAS	RECOVERY		%	%	%	%
Recovery	44	DESCRIPTION		GAS	OIL	MUD	WATER
1)	45	OIL CUT MUD			15	85	
2)							
3)							
4)							
5)							

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	..... RITCHIE EXPLORATION INC.	LEASE AND WELL NUMBER	..... STEELE TRUST #1
TEST DATE	..... 7/17/06	FORMATION TESTED	..... CHEROKEE
SECTION-TOWN-RANGE	..... 17-27-23W	DRILL STEM TEST NUMBER	..... 3
STATE	..... KANSAS	REPORT NUMBER	..... 14161
COUNTY	..... FORD	ELEVATION KELLY BUSHINGS	..... 2427
ELEVATION GROUND LEVEL	..... 2417	TESTING ENGINEER	..... NATHAN MANNING
COMPANY REPRESENTATIVE	..... MIKE		

EXTRA EQUIPMENT

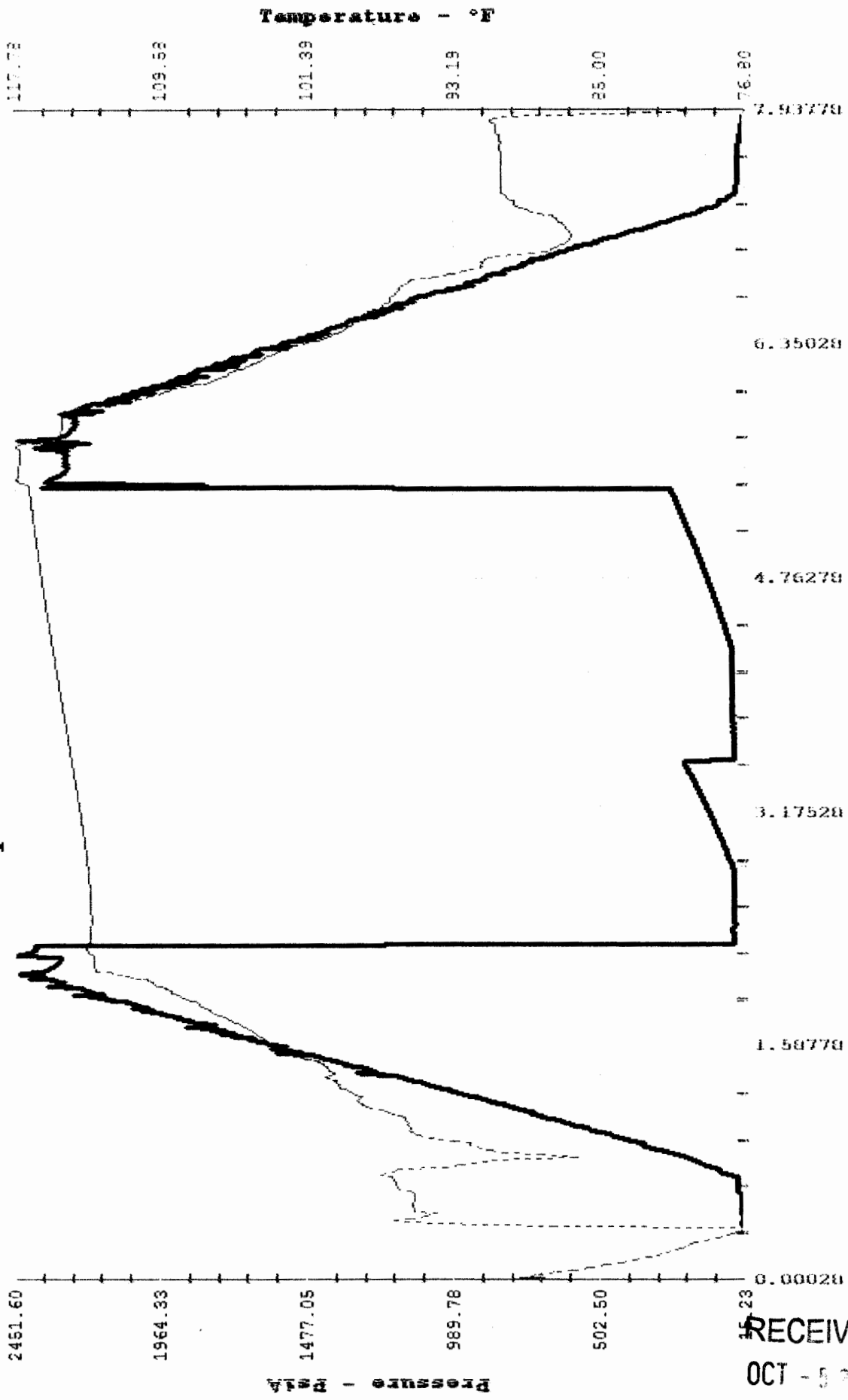
JARS	..... NO	EXTRA PACKER (3RD)	..... NO
SAFETY JOINT	..... NO	EXTRA PACKER (4TH)	..... NO
ELECTRONIC RECORDER	..... NO	STRADDLE	..... NO
CIRCULATING SUB	..... NO	HOCK WALL	..... NO
		SAMPLER	..... NO
	166 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	..... 4611	BOTTOM RECORDER DEPTH	..... 4612
RECORDER NUMBER	..... 91981	RECORDER NUMBER	..... 5483

WELL INFORMATION

DRILLING CONTRACTOR	..... VAL ENERGY RIG #1	DRILL COLLAR LENGTH	..... NONE
DRILL PIPE LENGTH	..... 4755	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	..... 9.2
WEIGHT PIPE I.D.	..... 2.25	VISCOSITY	..... 51
TOOL JOINT SIZE	..... 4 1/2 X.H.	WATER LOSS	..... 8.8
		CHLORIDES PITS 5,000
		CHLORIDES-DST

COMMENTS

Temperature / Pressure Data



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Superior Testers Enterprises, Inc.

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

(316) 792-6902

2427 KB

Date 7-18-06 Location 17-27^S-23^W Elevation 241766 County Ford

Company R. Richie Explorational Inc. Number of Copies 5

Charts Mailed to Mr. Box 7131 VV Wichita Ks 67278

Drilling Contractor Wal Energy Rockwell

Length Drill Pipe 4842 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" XH

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

Length Drill Collars _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 41062 Bottom Packer Depth 4867 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4667 TO 4890 ANCHOR LENGTH 23 TOTAL DEPTH 4890 Hole Size 7 1/4

LEASE & WELL NO. Steel Trust # 1 FORMATION TESTED _____ TEST NO. 47

Mud Weight 9.2 Viscosity 46 Water Loss 8.8 Chlorides - Ppts 6500 D.S.T. _____

Maximum Temp. 119 °F Initial Hydrostatic Pressure (A) 2447 P.S.I. Final Hydrostatic Pressure (H) 2381 P.S.I.

Tool Open I.F.P. from 4:55 m to 5:25 m 30 min

from [B]	<u>42</u>	P.S.I. to [C]	<u>43</u>	P.S.I.
[D]	<u>69</u>			P.S.I.
from [E]	<u>42</u>	P.S.I. to [F]	<u>46</u>	P.S.I.
[G]	<u>54</u>			P.S.I.

Tool Closed I.C.I.P. from 5:25 m to 5:55 m 30 min

Tool Open F.F.P. from 5:55 m to 6:25 m 30 min

Tool Closed F.C.I.P. from 6:25 m to 6:55 m 30 min

Initial Blow Weak surface blow for 2 minutes & died

Final Blow no blow - flushed tool good surge - no hold

Total Feet Recovered 5 Gravity of Oil _____ Corrected _____

<u>5</u> Feet of <u>Drilling Mud</u>	% 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 _____
Feet of _____	% Gas _____	% Oil _____	% Mud _____	% Water _____

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Remarks _____

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

Top Recorder No. _____ Clock No. _____ Depth 4890 Cir. Sub _____ Sampler _____

Bottom Recorder No. _____ Clock No. _____ Depth 717 Insurance _____

Price of Job _____

Tool Operator _____

Approved By _____

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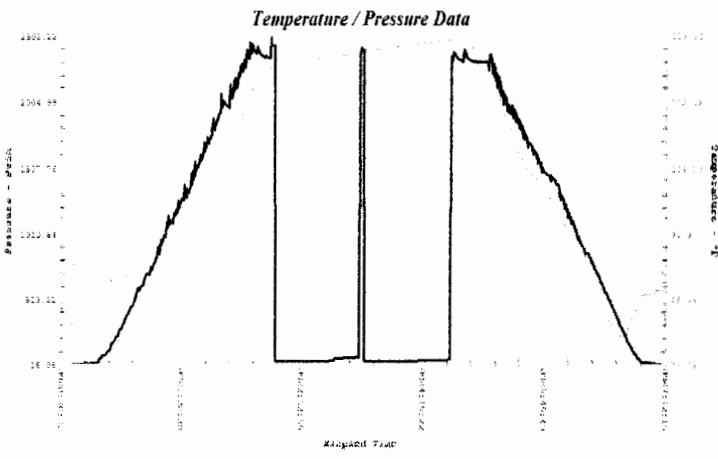
1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHIE EXPLORATION INC. 17 TWP. 27 RGE. 23W

Lease & Well No: STEELE TRUST #1 Test #: 4 Date: 07-18-2006 SEC.



1	Initial Hydrostatic Pressure	2447
2	Initial Flow Pressure	42
3	Final Initial Flow Pressure	43
4	Initial Shut-In Pressure	69
5	Initial Final Flow Pressure	42
6	Final Flow Pressure	46
7	Final Shut In Pressure	54
8	Final Hydrostatic Pressure	2381

Maximum Temperature 119

GENERAL INFORMATION

COMPANY NAME		RITCHIE EXPLORATION INC.	
TEST DATE	7/18/06	LEASE AND WELL NUMBER	STEELE TRUST #1
SECTION-TOWN-RANGE	17-27-23W	FORMATION TESTED	
STATE	KANSAS	DRILL STEM TEST NUMBER	4
COUNTY	FORD	REPORT NUMBER	14162
ELEVATION GROUND LEVEL	2417	ELEVATION KELLY BUSHINGS	2427
COMPANY REPRESENTATIVE	MIKE	TESTING ENGINEER	NATHAN MANKING

TOOL SETTING INFORMATION

TEST INTERVAL (From)	4867	TOP PACKER DEPTH	4862
TEST INTERVAL (to)	4890	BOTTOM PACKER DEPTH	4867
ANCHOR LENGTH	23	NUMBER OF PACKERS	2
TOTAL DEPTH (ft)	4890	PACKER SIZE	6 3/4
		HOLE SIZE	7 7/8

FLOW TIMES

TOOL OPEN (from)	4:55	TOOL OPEN (from)	5:55
INITIAL OPEN TOOL OPEN (to)	5:25	FINAL OPEN TOOL OPEN (to)	6:25
DURATION (min.)	30	DURATION (min.)	30
TOOL CLOSED (from)	5:25	TOOL CLOSED (from)	6:25
INITIAL SHUT-IN TOOL CLOSED (to)	5:55	FINAL SHUT-IN TOOL CLOSED (to)	6:55
DURATION (min.)	30	DURATION (min.)	30

INITIAL FLOW

VERY WEAK SURFACE BLOW DIED AFTER 2 MINUTES

FINAL FLOW

NO BLOW FLUSHED TOOL GOOD SURGE NO HELP

RESISTIVITY AT DEGREES CHLORIDES

FEET OF	RECOVERY DESCRIPTION	% CHLORIDES		% RESISTIVITY	
		GAS	OIL	MUD	WATER
1)					
2)					
3)					
4)					
5)					

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	.....	RITCHIE EXPLORATION INC.	LEASE AND WELL NUMBER	.....	STEELE TRUST #1
TEST DATE	.....	7/18/06	FORMATION TESTED	.....
SECTION-TOWN-RANGE	.....	17-27-23W	DRILL STEM TEST NUMBER	.....	4
STATE	.....	KANSAS	REPORT NUMBER	.....	14162
COUNTY	.....	FORD	ELEVATION KELLY BUSHINGS	.....	2427
ELEVATION GROUND LEVEL	.....	2417	TESTING ENGINEER	.....	NATHAN MANNING
COMPANY REPRESENTATIVE	.....	MIKE			

EXTRA EQUIPMENT

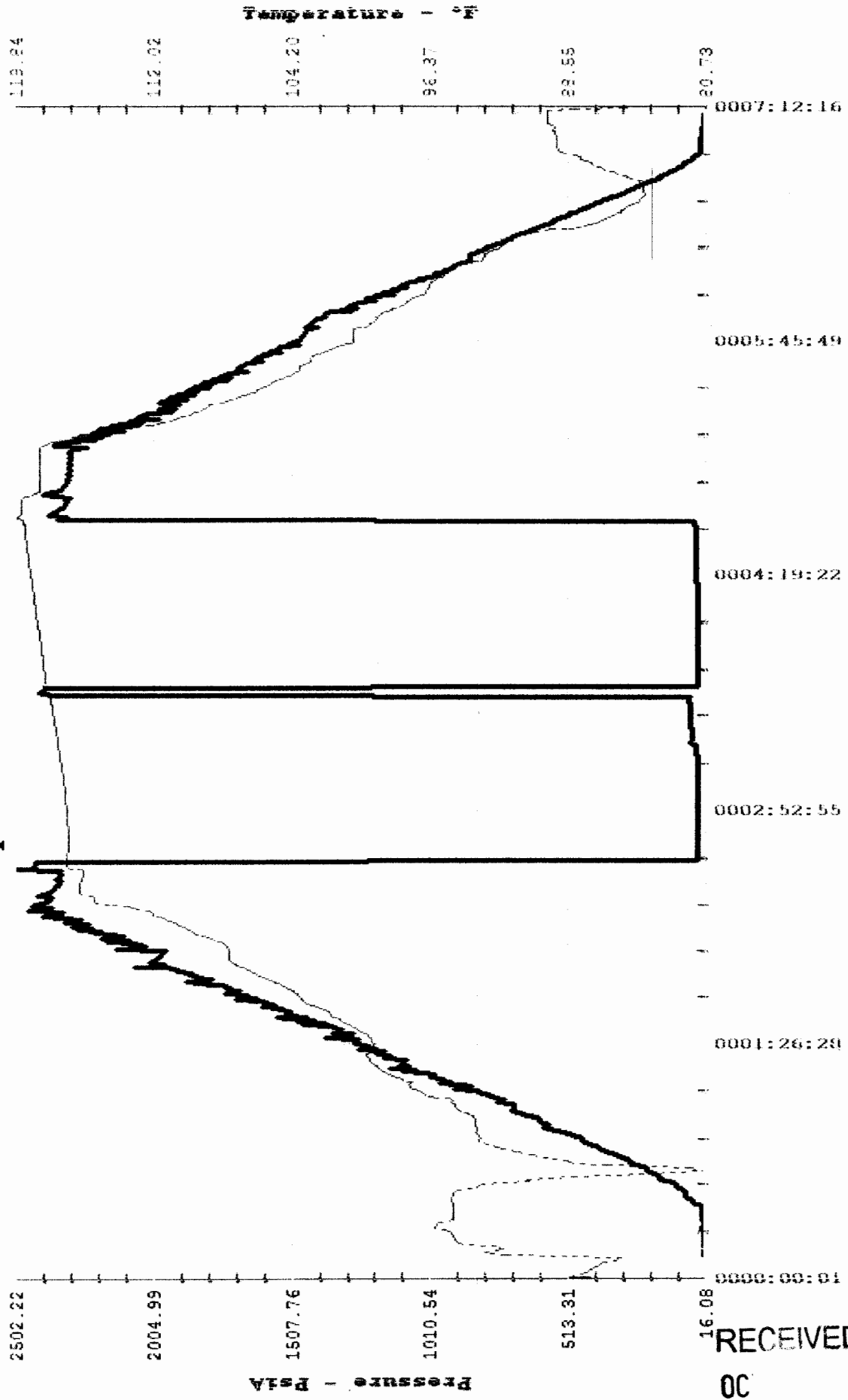
JARS	.....	NO	EXTRA PACKER (3RD)	.....	NO
SAFETY JOINT	.....	NO	EXTRA PACKER (4TH)	.....	NO
ELECTRONIC RECORDER	.....	NO	STRADDLE	.....	NO
CIRCULATING SUB	.....	NO	HOOK WALL	.....	NO
			SAMPLER	.....	NO
TOP RECORDER DEPTH	.....		BOTTOM RECORDER DEPTH	.....	1
RECORDER NUMBER	.....	97981	RECORDER NUMBER	.....	5483

WELL INFORMATION

DRILLING CONTRACTOR	.....	VAL ENERGY RIG #1	DRILL COLLAR LENGTH	.....	NONE
DRILL PIPE LENGTH	.....	4642	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	.....	8.2
WEIGHT PIPE I.D.	.....	2.25	VISCOSITY	.....	46
TOOL JOINT SIZE	.....	4 1/2 X.H.	WATER LOSS	.....	8.8
			CHLORIDES PITS	8,500
			CHLORIDES-DST	

COMMENTS

Temperature / Pressure Data



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R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

Date 7-18-06 Location 17-27-23 Elevation 2428 County Ford
 Company Ritchie Exploration Number of Copies 5
 Charts Mailed to PO Box 71318Y Wichita Kansas 67221

Drilling Contractor _____
 Length Drill Pipe 4890 I.D. Drill Pipe 4 1/2 x 4 Tool Joint Size 3.80
 Length Weight Pipe _____ I.D. Weight Pipe _____ Tool Joint Size _____
 Length Drill Collars _____ I.D. Drill Collars _____ Tool Joint Size _____

Top Packer Depth 4905 Bottom Packer Depth 4910 Number of Packers 2 Packer Size 6 3/4
 TESTED FROM 4910 TO 4942 ANCHOR LENGTH 32 TOTAL DEPTH 4942 Hole Size 7 7/8
 LEASE & WELL NO. Steele Trust #1 FORMATION TESTED Mississippi TEST NO. 5
 Mud Weight 9.1 Viscosity 42 Water Loss 96 Chlorides - Pits 5000 D.S.T. _____
 Maximum Temp. 117 °F Initial Hydrostatic Pressure (A) 2473 P.S.I. Final Hydrostatic Pressure (H) 2546 P.S.I.

Tool Open I.F.P. from 10:00 m to 10:15 m 15 min
 Tool Closed I.C.I.P. from 10:15 m to 11:00 m 45 min
 Tool Open F.F.P. from 11:00 m to 12:30 m 90 min
 Tool Closed F.C.I.P. from 12:30 m to 2:30 m 120 min

from [B] <u>288</u> P.S.I. to [C] <u>325</u> P.S.I.
[D] <u>1541</u> P.S.I.
from [E] <u>401</u> P.S.I. to [F] <u>296</u> P.S.I.
[G] <u>1516</u> P.S.I.

Initial Blow Straws blow bent to the bottom of a 5 Gallon Bucket in 1 min
 Final Blow Straws blow - see Gas flow report Gas to surface @ 3 min

Total Feet Recovered <u>2</u>	Gravity of Oil _____	Corrected _____
<u>2</u> Feet of <u>Drilling Mud</u>	% 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 _____

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Remarks _____
 Extra Equipment - Jars _____ Safety Joint _____ Extra Packer _____ Straddle _____ Hook Wall _____
 Top Recorder No. _____ Clock No. _____ Depth _____ Cir. Sub _____ Sampler _____
 Bottom Recorder No. _____ Clock No. 7-7 Depth 7 Insurance _____

Price of Job _____
 Tool Operator _____
 Approved By _____

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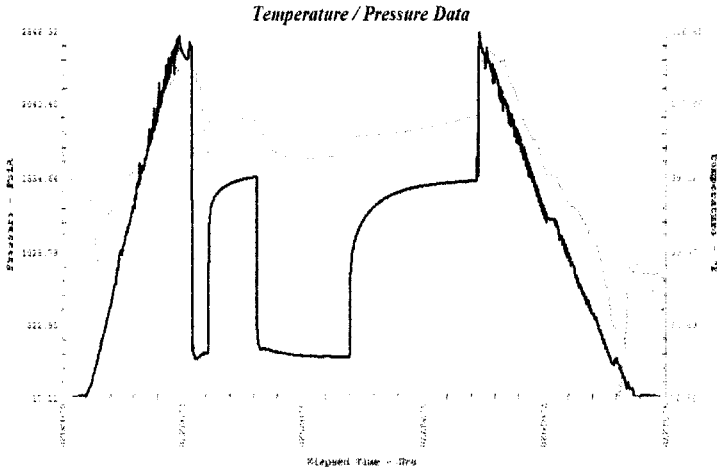
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHIE EXPLORATION INC.

17 TWP. 27 RGE. 23W

Lease & Well No: STEELE TRUST #1 Test #: 5 Date: 07-18-2006 SEC.



1	Initial Hydrostatic Pressure	2473
2	Initial Flow Pressure	288
3	Final Initial Flow Pressure	325
4	Initial Shut-In Pressure	1541
5	Initial Final Flow Pressure	401
6	Final Flow Pressure	296
7	Final Shut In Pressure	1516
8	Final Hydrostatic Pressure	2546

Maximum Temperature 117

GENERAL INFORMATION

COMPANY NAME	..... RITCHIE EXPLORATION INC.	LEASE AND WELL NUMBER	..... STEELE TRUST #1
TEST DATE	..... 7/18/06	FORMATION TESTED	..... MISSISSIPPI
SECTION-TOWN-RANGE	..... 17-27-23W	DRILL STEM TEST NUMBER	..... 5
STATE	..... KANSAS	REPORT NUMBER	..... 14163
COUNTY	..... FORD	ELEVATION KELLY BUSHINGS	..... 2427
ELEVATION GROUND LEVEL	..... 2417	TESTING ENGINEER	..... NATHAN MANRING
COMPANY REPRESENTATIVE	..... MIKE		

TOOL SETTING INFORMATION

TEST INTERVAL (From)	..... 4910	TOP PACKER DEPTH	..... 4905
TEST INTERVAL (to)	..... 4942	BOTTOM PACKER DEPTH	..... 4910
ANCHOR LENGTH	..... 32	NUMBER OF PACKERS	..... 2
TOTAL DEPTH (ft)	..... 4942	PACKER SIZE	..... 6 3/4
		HOLE SIZE	..... 7 7/8

FLOW TIMES

TOOL OPEN (from)	..... 10:00	TOOL OPEN (from)	..... 11:00
INITIAL OPEN TOOL OPEN (to)	..... 10:15	FINAL OPEN TOOL OPEN (to)	..... 12:30
DURATION (min.)	..... 15	DURATION (min.)	..... 90
TOOL CLOSED (from)	..... 10:15	TOOL CLOSED (from)	..... 12:30
INITIAL SHUT-IN TOOL CLOSED (to)	..... 11:00	FINAL SHUT-IN TOOL CLOSED (to)	..... 2:30
DURATION (min.)	..... 45	DURATION (min.)	..... 120

INITIAL FLOW **STRONG BLOW BOTTOM 5 GALLON BUCKET LESS THAN 1 MINUTE GAS TO SURFACE IN 3 MINUTES**

FINAL FLOW **STRONG BLOW SEE GAS FLOW REPORT**

		RESISTIVITY	AT	DEGREES	CHLORIDES			
FEET OF	RECOVERY	RECOVERY DESCRIPTION			% GAS	% OIL	% MUD	% WATER
1)	2	DRILLING MUD						
2)		RECEIVED OCT - 5 2006 KCC WICHITA						
3)								
4)								
5)								
6)								

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DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.
TEST DATE 7/18/06
SECTION-TOWN-RANGE 17-27-23W
STATE KANSAS
COUNTY FORD
ELEVATION GROUND LEVEL 2417
COMPANY REPRESENTATIVE MIKE
LEASE AND WELL NUMBER STEELE TRUST #1
FORMATION TESTED MISSISSIPPI
DRILL STEM TEST NUMBER 5
REPORT NUMBER 14163
ELEVATION KELLY BUSHINGS 2427
TESTING ENGINEER NATHAN MANNING

EXTRA EQUIPMENT

JARS NO
SAFETY JOINT NO
ELECTRONIC RECORDER NO
CIRCULATING SUB NO
EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
165 MILES ROUND TRIP FROM GREAT BEND
TOP RECORDER DEPTH 4938
RECORDER NUMBER 51967
BOTTOM RECORDER DEPTH 4939
RECORDER NUMBER 5483

WELL CHARACTERIZATION

DRILLING CONTRACTOR VAL ENERGY RIG #1
DRILL PIPE LENGTH 4890
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. 2.26
TOOL JOINT SIZE 4 1/2 X.H.
MUD WEIGHT #/GAL 8.1
VISCOSITY 42
WATER LOSS 0.8
CHLORIDES PITS 5.000
CHLORIDES-DST

COMMENTS

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GREAT BEND, KANSAS

GAS FLOW RATE

(800) 792-6902

#

STATE..... KANSAS	Test Date	1/0/1900
COUNTY..... FORD	Sec Town Range	17-27-28W
FIELD.....	Report Number	14163

Initial Flow

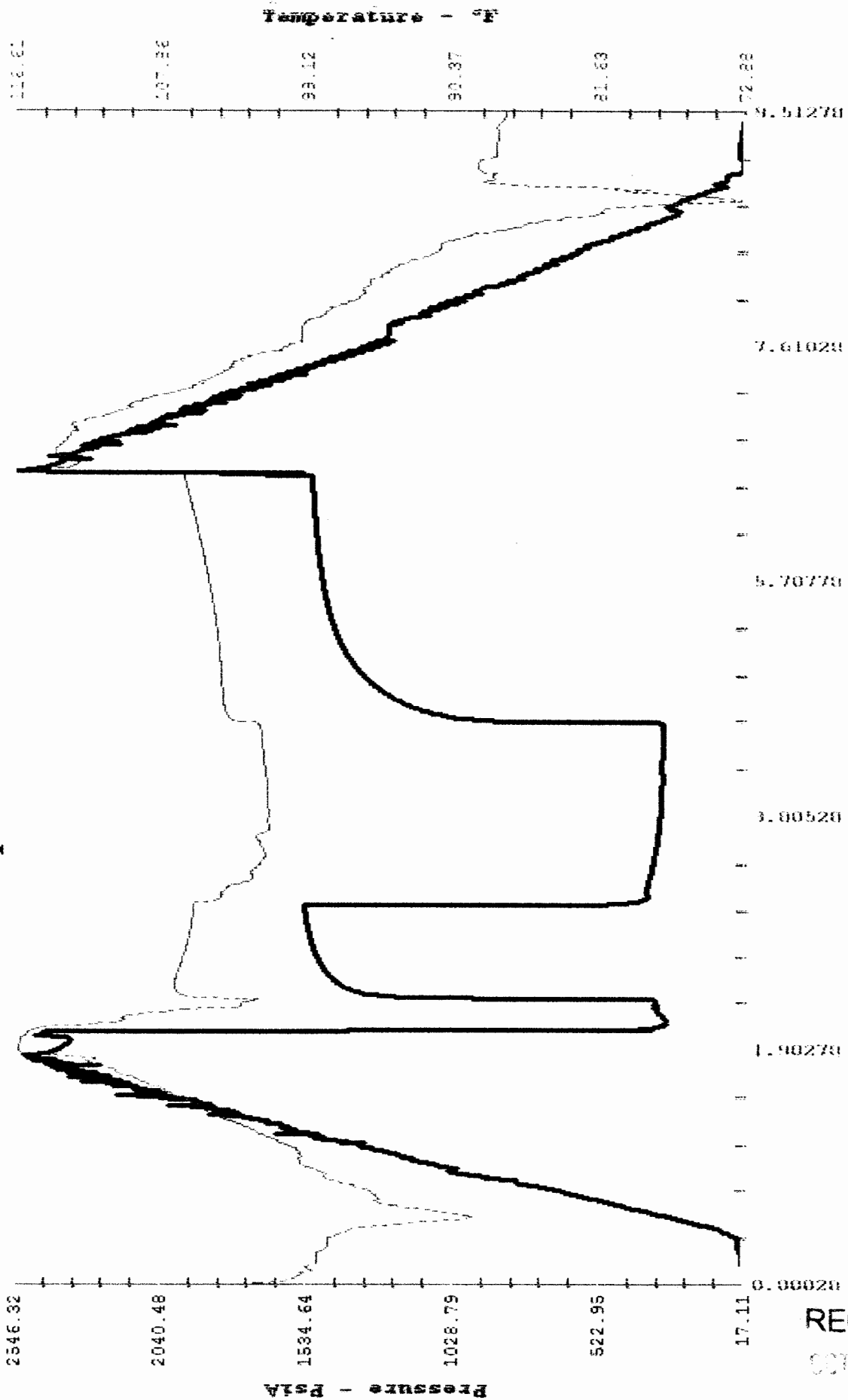
Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
STRONG BLOW GAS TO SURFACE IN 3 MINUTES	10:15	15		16		1 1/4	1064.000
GAS SAMPLE WAS TAKEN IN FIRST 10 MINUTES							

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Final Flow

Comments	Time (hh:mm:ss)	Period dt (min)	Inches H2O Orifice Tester	PSI on Orifice Tester	PSI on Pitot Tube	Choke Size (in)	Gas Rate (MCF/Day)
STRONG BLOW	11:10	10		13		1 1/2	1490.000
	11:20	20		14		1 1/2	1559.000
	11:30	30		13		1 1/2	1490.000
	11:40	40		12		1 1/2	1420.000
	11:50	50		12		1 1/2	1420.000
	12:00	60		12		1 1/2	1420.000
	12:10	70		12		1 1/2	1420.000
	12:20	80		11		1 1/2	1348.000
	12:30	90		11		1 1/2	1348.000
GAS SAMPLE WAS TAKEN AT 12:15							

Temperature / Pressure Data



Elapsed Time - Hrs

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07-18-2006

17-27-23W

STEELE TRUST #1

RITCHIE EXPLORATION INC.

Superior Testers Enterprises, Inc.

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

(316) 792-6902 KB 2427

Date 7-19-06 Location 17-27-23^W Elevation 2417 County FORD

Company Ritchie Exploration INC. Number of Copies 5

Charts Mailed to PO. 783188 Wichita KS 67278

Drilling Contractor VAL Energy PSC #1

Length Drill Pipe 4945 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 4960 Bottom Packer Depth 4945 Number of Packers 2 Packer Size 6 3/4

TESTED FROM 4965 TO 5028 ANCHOR LENGTH 63 TOTAL DEPTH 5028 Hole Size 7 7/8

LEASE & WELL NO. Steele TRYST #1 FORMATION TESTED MISSISSIPPI TEST NO. 6

Mud Weight 9.1 Viscosity 48 Water Loss 9.6 Chlorides - Pits 5,000 D.S.T. ---

Maximum Temp. 122 °F Initial Hydrostatic Pressure (A) 2765 P.S.I. Final Hydrostatic Pressure (H) 2313 P.S.I.

Tool Open I.F.P. from 9:15 PM m to 9:45 m min

Tool Closed I.C.I.P. from 9:45 m to 10:15 m min

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

Tool Closed F.C.I.P. from 10:45 m to 11:15 m min

from [B] <u>89</u> P.S.I. to [C] <u>---</u> P.S.I.
[D] <u>1487</u> P.S.I.
from [E] <u>92</u> P.S.I. to [F] <u>---</u> P.S.I.
[G] <u>1451</u> P.S.I.

Initial Blow Very weak blow BUEIP to 2 inches and died after 27 minutes

Final Blow No blow - FISHED TOOL GOOD SURGE NO HELP

Total Feet Recovered 55 Gravity of Oil --- Corrected

<u>55</u> Feet of <u>Drilling Mud</u>	% 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
Feet of	% Gas	% Oil	% Mud	% Water
Feet of	% Gas	% Oil	% Mud	% Water
Feet of	% Gas	% Oil	% Mud	% Water
Feet of	% Gas	% Oil	% Mud	% Water

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KCC WICHITA

Remarks ---

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

Top Recorder No. 4005 Clock No. Electronic Depth 5024 Cir. Sub --- Sampler ---

Bottom Recorder No. 7895 Clock No. 3439 Depth 5025 Insurance ---

Price of Job ---

Tool Operator NATHAN MANNING

Approved By ---
No 14164

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.

1(800)792-6902

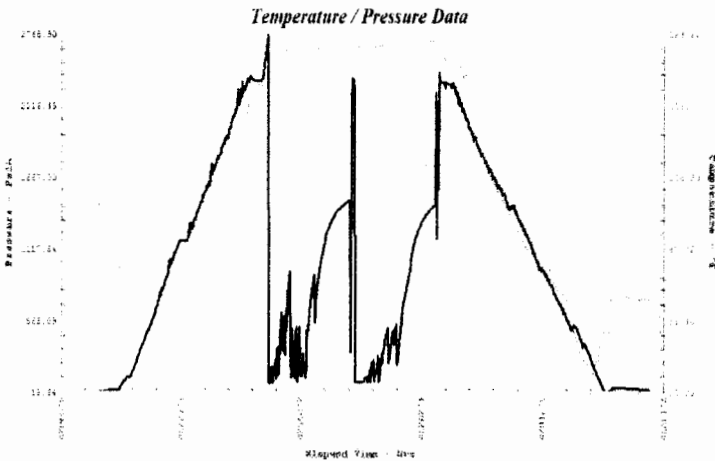
DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

Company: RITCHEE EXPLORATION INC.

17 TWP. 27 RGE. 23W

Lease & Well No: STEELE TRUST #1 Test #: 6 Date: 07-19-2006 SEC.



1	Initial Hydrostatic Pressure	2765
2	Initial Flow Pressure	89
3	Final Initial Flow Pressure	
4	Initial Shut-In Pressure	1487
5	Initial Final Flow Pressure	92
6	Final Flow Pressure	
7	Final Shut-In Pressure	1451
8	Final Hydrostatic Pressure	2313

Maximum Temperature 122

GENERAL INFORMATION

COMPANY NAME RITCHEE EXPLORATION INC.

TEST DATE 7/19/06

SECTION-TOWN-RANGE 17-27-23W

STATE KANSAS

COUNTY FORD

ELEVATION GROUND LEVEL 2417

COMPANY REPRESENTATIVE MIKE

LEASE AND WELL NUMBER STEELE TRUST #1

FORMATION TESTED MISSISSIPPI

DRILL STEM TEST NUMBER 6

REPORT NUMBER 14164

ELEVATION KELLY BUSHINGS 2427

TESTING ENGINEER NATHAN MANRING

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4965

TEST INTERVAL (to) 5028

ANCHOR LENGTH 63

TOTAL DEPTH (ft) 5028

TOP PACKER DEPTH 4960

BOTTOM PACKER DEPTH 4965

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

TOOL OPEN (from) 9:15

INITIAL OPEN TOOL OPEN (to) 9:45

DURATION (min.) 30

TOOL CLOSED (from) 9:45

INITIAL SHUT-IN TOOL CLOSED (to) 10:15

DURATION (min.) 30

TOOL OPEN (from) 10:15

FINAL OPEN TOOL OPEN (to) 10:45

DURATION (min.) 30

TOOL CLOSED (from) 10:45

FINAL SHUT-IN TOOL CLOSED (to) 11:15

DURATION (min.) 30

INITIAL FLOW

VERY WEAK BLOW BUILT TO 2 INCHES THEN DIED AFTER 27 MINUTS

FINAL FLOW

NO BLOW FLUSHED TOOL GOOD SURGE NO HELP

FEET OF	RECOVERY	AT	DEGREES	CHLORIDES			
				% GAS	% OIL	% MUD	% WATER
55	DRILLING MUD	RECEIVED					
		OCT - 5 2006					
		KCC WICHITA					

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME RITCHIE EXPLORATION INC.
TEST DATE 7/19/06
SECTION-TOWN-RANGE 17-27-23W
STATE KANSAS
COUNTY FORD
ELEVATION GROUND LEVEL 2417
COMPANY REPRESENTATIVE MIKE
LEASE AND WELL NUMBER STEELE TRUST #1
FORMATION TESTED MISSISSIPPI
DRILL STEM TEST NUMBER 6
REPORT NUMBER 14164
ELEVATION KELLY BUSHINGS 2427
TESTING ENGINEER NATHAN MANRING

EXTRA EQUIPMENT

JARS NO
SAFETY JOINT NO
ELECTRONIC RECORDER NO
CIRCULATING SUB NO
EXTRA PACKER (3RD) NO
EXTRA PACKER (4TH) NO
STRADDLE NO
HOOK WALL NO
SAMPLER NO
TOP RECORDER DEPTH 6024
RECORDER NUMBER 91981
BOTTOM RECORDER DEPTH 6026
RECORDER NUMBER 5483
165 MILES ROUND TRIP FROM GREAT BEND

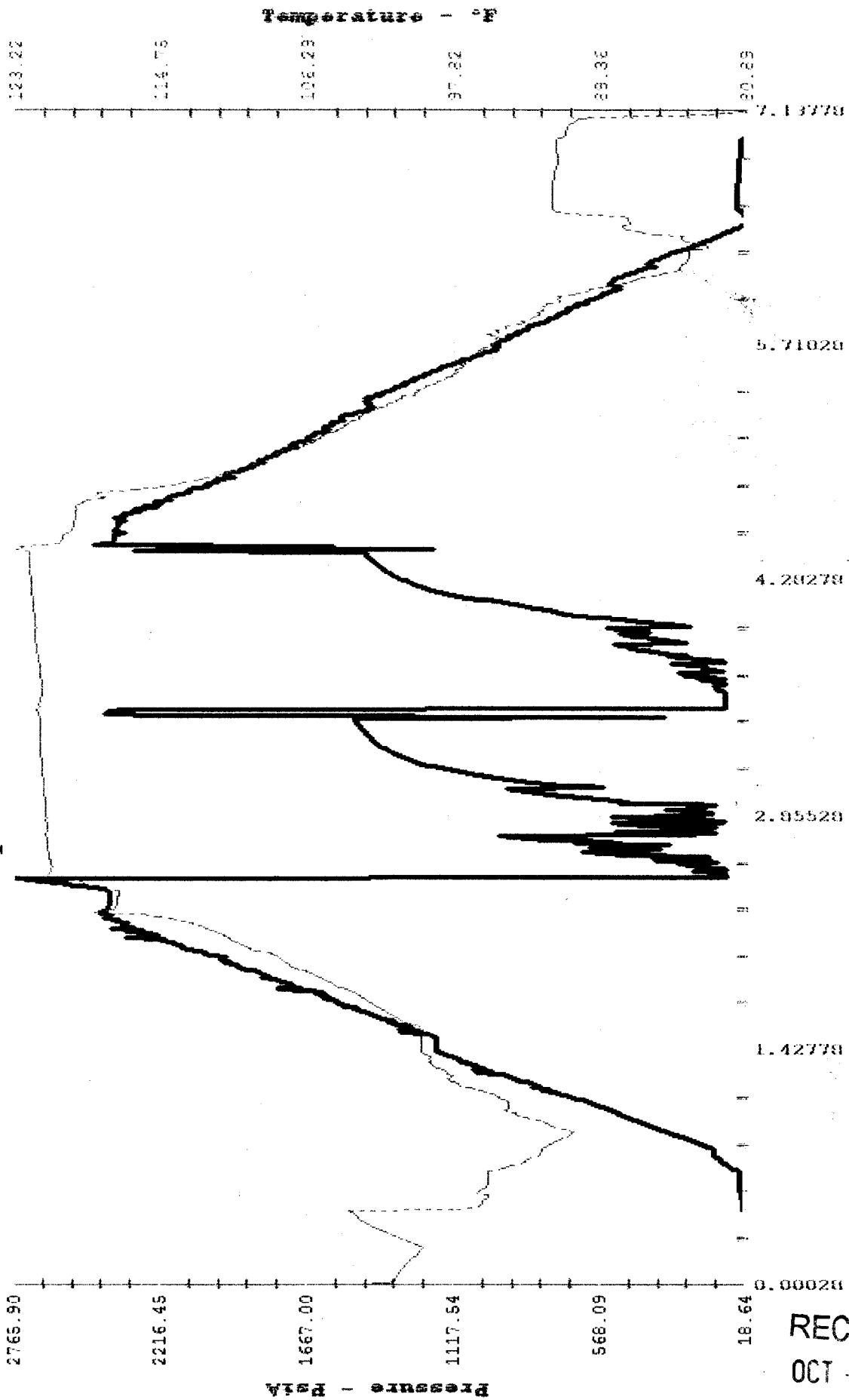
WELL INFORMATION

DRILLING CONTRACTOR VAL ENERGY RIG #1
DRILL PIPE LENGTH 4846
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 9.1
VISCOSITY 48
WATER LOSS 9.6
CHLORIDES PITS 5,000
CHLORIDES-DST

COMMENTS

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Temperature / Pressure Data



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