Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 Wichita Ks 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 23 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4533 I.D. of Drill Pipe 3.8 Tool Joint Size 4½ XH
Drill Collar Length _____ I.D. of Drill Collars _____ Tool Joint Size _____
Mud Weight 8.9 Viscosity 55 Filtrate 9.6 Chlorides-Pits 7,000 DST _____
Top Packer Depth 4547 Bottom Packer Depth 4552 Number of Packers 2
Tested From 4552 **to** 4584 **Total Depth** 4584 **Anchor Length** 32
Test # 2 **Formation Tested** LKC "L" Hole Size 7 7/8
Initial Blow FAIR BLOW BUILT TO 1 INCH
Blow back on the 1st Shut-in NO
Final Blow WEAK SURFACE BLOW
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2291 P.S.I. **Final Hydrostatic** 2166 P.S.I. Maximum Temp. 112 F

Initial Opening 40 P.S.I. to 49 P.S.I.	from 8:30 Am	to 9:00 Am	30 minutes
Initial Shut-in 1041 P.S.I.	from 9:00 Am	to 9:45 Am	45 minutes
Final Opening 40 P.S.I. to 45 P.S.I.	from 9:45 Am	to 10:30 Am	45 minutes
Final Shut-in 1179 P.S.I.	from 10:30 Am	to 11:30 Am	60 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
5	MUD			100	

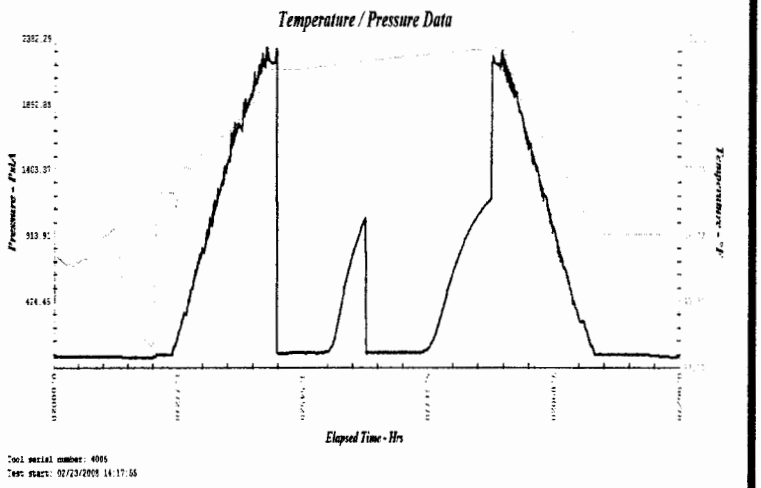
Total Feet Recovered 5 Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle NO
Electronic Recorder No. 4023 Depth 4580 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4050 Depth 4581 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Romanyk Approved By _____

Ticket No. 15448

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 **DRILL STEM TEST REPORT** GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2291
2	Initial Flow Pressure	40
3	Final Initial Flow Pressure	49
4	Initial Shut-In Pressure	1041
5	Initial Final Flow Pressure	40
6	Final Flow Pressure	45
7	Final Shut-In Pressure	1179
8	Final Hydrostatic Pressure	2166
	Maximum Temperature	112

GENERAL INFORMATION

COMPANY NAME ..... RITCHIE EXPLORATION INC.

TEST DATE	2/23/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	LOWER KC "L"
STATE	KANSAS	DRILL STEM TEST NUMBER	2
COUNTY	FORD	REPORT NUMBER	15448
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4547
TEST INTERVAL (From)	4552	BOTTOM PACKER DEPTH	4552
TEST INTERVAL (to)	4584	NUMBER OF PACKERS	2
ANCHOR LENGTH	32	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4584	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	8:30A	TOOL OPEN (from)	9:45
INITIAL OPEN	TOOL OPEN (to)	9:00	TOOL OPEN (to)	10:30
	DURATION (min.)	30	DURATION (min.)	45
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	9:00	TOOL CLOSED (from)	10:30
	TOOL CLOSED (to)	9:45	TOOL CLOSED (to)	11:30
	DURATION (min.)	45	DURATION (min.)	60

INITIAL FLOW FAIR BLOW BUILT TO 1 INCH
NO BLOW BACK

FINAL FLOW WEAK SURFACE BLOW
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 2 Date: 2-23-08 SEC. 1 TWP. 26S RGE. 22W

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	**2/23/08**	LEASE AND WELL NUMBER	**NAAB #1**
SECTION-TOWN-RANGE	**1-26S-22W**	FORMATION TESTED	**LOWER KC "L"**
STATE	**KANSAS**	DRILL STEM TEST NUMBER	**2**
COUNTY	**FORD**	REPORT NUMBER	**15448**
ELEVATION GROUND LEVEL	**2399**	ELEVATION KELLY BUSHINGS	**2412**
COMPANY REPRESENTATIVE	**MIKE E.**	TESTING ENGINEER	**FRANK ZAMARRIPA**

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	**NO**
JARS	**NO**	EXTRA PACKER (4TH)	**NO**
SAFETY JOINT	**NO**	STRADDLE	**NO**
ELECTRONIC RECORDER	**YES**	HOOK WALL	**NO**
CIRCULATING SUB	**NO**	SAMPLER	**NO**

138 MILES ROUND TRIP FROM GREAT BEND

TOP RECORDER DEPTH	**4580**	BOTTOM RECORDER DEPTH	**4581**
RECORDER NUMBER	**4023**	RECORDER NUMBER	**4050**

WELL INFORMATION

DRILLING CONTRACTOR ..... **DUKE DRLG RIG #1**

DRILL PIPE LENGTH	**4533**	DRILL COLLAR LENGTH	
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.**
CHLORIDES-PITS	**7,000**	MUD WEIGHT #/GAL	**8.9**
CHLORIDES-DST		VISCOSITY	**55**
		WATER LOSS	**9.6**

COMMENTS

Superior Testers Enterprises L.L.C.

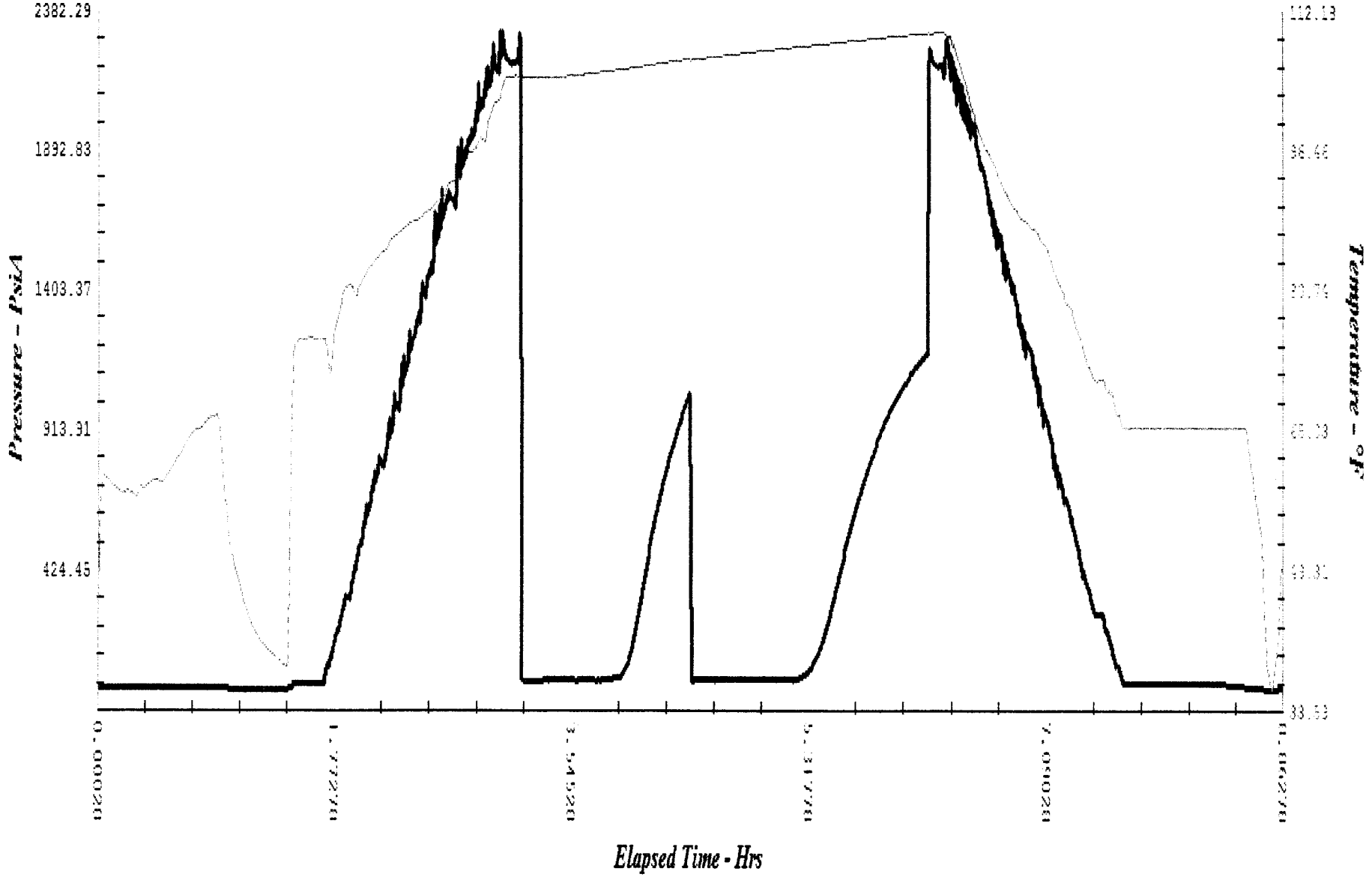
Drill Stem Test Report

Recovery Sample Description

1-800-792-6902 Great Bend,Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	5	MUD				100%		0.0710
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	0.0710	0.0000	
	2.25								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		5	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.0710	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.0710	0.0000	0.0710
					Gas	Oil	Mud	Water	
				Gravity		Corrected			
MUD WEIGHT #/GAL		8.9		Resistivity		ohms @		Degrees	
VISCOSITY		55		Recovery Chlorides		ppm			
WATER LOSS		9.6		Pit Chlorides	7,000	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
		RITCHIE EXPLORATION INC.		1-26S-22W NAAB #1 2-23-08 DST #2 LOWER KC "L"					

Temperature / Pressure Data



Tool serial number: 4005
Test start: 02/23/2008 14:17:55

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 24 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4563 I.D. of Drill Pipe 3.8 Tool Joint Size 4½ XH
Drill Collar Length _____ I.D. of Drill Collars _____ Tool Joint Size _____
Mud Weight 9.2 Viscosity 50 Filtrate 8.8 Chlorides-Pits 6,000 DST _____
Top Packer Depth 4577 Bottom Packer Depth 4582 Number of Packers 2
Tested From 4582 **to** 4625 **Total Depth** 4625 **Anchor Length** 43
Test # 3 **Formation Tested** MARMATON Hole Size 7 7/8
Initial Blow FAIR BLOW BUILT TO 1/2 INCH
Blow back on the 1st Shut-in NO
Final Blow NO BLOW, FLUSHED TOOL GOOD SURGE, WEAK SURFACE BLOW DIED OFF IN 30 minutes
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2264 P.S.I. **Final Hydrostatic** 2212 P.S.I. Maximum Temp. 111 F

Initial Opening 45 P.S.I. to 49 P.S.I.	from 4:15 Am	to 4:45 Am	30	minutes
Initial Shut-in 340 P.S.I.	from 4:45 Am	to 5:30 Am	45	minutes
Final Opening 47 P.S.I. to 49 P.S.I.	from 5:30 Am	to 6:20 Am	45	minutes
Final Shut-in 84 P.S.I.	from 6:20 Am	to 7:20 Am	60	minutes

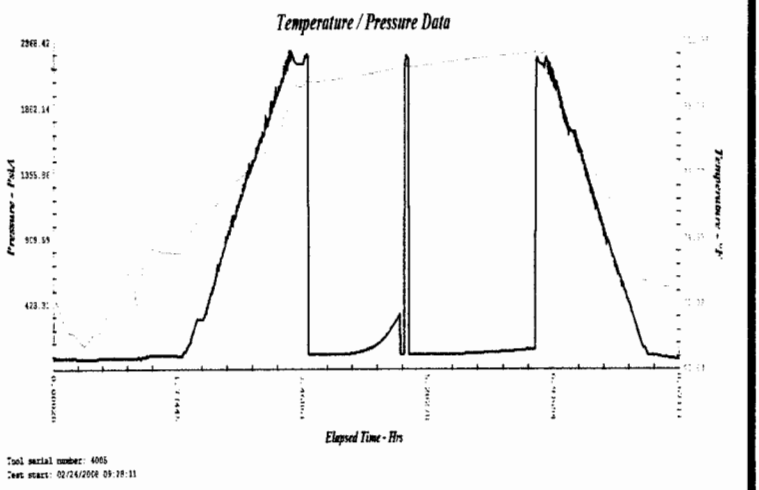
Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
10	MUD			100	

Total Feet Recovered 10 Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle NO
Electronic Recorder No. 4023 Depth 4621 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4050 Depth 4622 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zamarripa Approved By _____

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 — **DRILL STEM TEST REPORT** — GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2264
2	Initial Flow Pressure	45
3	Final Initial Flow Pressure	49
4	Initial Shut-In Pressure	340
5	Initial Final Flow Pressure	47
6	Final Flow Pressure	49
7	Final Shut-In Pressure	84
8	Final Hydrostatic Pressure	2212
	Maximum Temperature	111

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC		
TEST DATE	2/24/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MARMATON
STATE	KANSAS	DRILL STEM TEST NUMBER	3
COUNTY	FORD	REPORT NUMBER	15449
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4577
TEST INTERVAL (From)	4582	BOTTOM PACKER DEPTH	4582
TEST INTERVAL (to)	4625	NUMBER OF PACKERS	2
ANCHOR LENGTH	43	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4625	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	4:15A	TOOL OPEN (from)	5:40
INITIAL OPEN	TOOL OPEN (to)	4:45	TOOL OPEN (to)	6:25
	DURATION (min.)	30	DURATION (min.)	45
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	4:45	TOOL CLOSED (from)	6:25
	TOOL CLOSED (to)	5:30	TOOL CLOSED (to)	7:25
	DURATION (min.)	45	DURATION (min.)	60

INITIAL FLOW FAIR BLOW BUILT TO 1/2 INCH
NO BLOW BACK

FINAL FLOW NO BLOW,FLUSHED TOOL GOOD SURGE,WEAK SURFACE BLOW DIED OFF IN 30 MINUTES
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 3 Date: 2-24-08 SEC. 1 TWP. 26S RGE. 22W

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	2/24/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MARMATON
STATE	KANSAS	DRILL STEM TEST NUMBER	3
COUNTY	FORD	REPORT NUMBER	15449
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	NO
JARS	NO	EXTRA PACKER (4TH)	NO
SAFETY JOINT	NO	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO

138 MILES ROUND TRIP FROM GREAT BEND

TOP RECORDER DEPTH	4621	BOTTOM RECORDER DEPTH	4622
RECORDER NUMBER	4023	RECORDER NUMBER	4050

WELL INFORMATION

DRILLING CONTRACTOR ..... DUKE DRLG RIG #1

DRILL PIPE LENGTH	4563	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	6,000	MUD WEIGHT #/GAL	9.2
CHLORIDES-DST		VISCOSITY	50
		WATER LOSS	8.8

COMMENTS

Superior Testers Enterprises L.L.C.

Drill Stem Test Report

Recovery Sample Description

1-800-792-6902 Great Bend,Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	10	MUD				100%		0.1420
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	0.1420	0.0000	
	2.25								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		10	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.1420	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.1420	0.0000	0.1420
					Gas	Oil	Mud	Water	
				Gravity		Corrected			
MUD WEIGHT #/GAL		9.2		Resistivity		ohms @		Degrees	
VISCOSITY		50		Recovery Chlorides		ppm			
WATER LOSS		8.8		Pit Chlorides	6,000	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
		RITCHIE EXPLORATION INC.		1-26S-22W NAAB #1 2-24-08 DST #3 MARMATON					

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 25 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4664 I.D. of Drill Pipe 3.8 Tool Joint Size 4½XH
Drill Collar Length ____ I.D. of Drill Collars ____ Tool Joint Size ____
Mud Weight 9.0 Viscosity 51 Filtrate 8.8 Chlorides-Pits 8,000 DST ____
Top Packer Depth 4622 - 4627 Bottom Packer Depth 4627 Number of Packers 3
Tested From 4627 **to** 4710 **Total Depth** 4710 **Anchor Length** 83
Test # 4 **Formation Tested** ALTAMONT Hole Size 7 7/8
Initial Blow WEAK SURFACE BLOW
Blow back on the 1st Shut-in NO
Final Blow NO BLOW, FLUSHED TOOL GOOD SURGE, WEAK SURFACE BLOW
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2296 P.S.I. **Final Hydrostatic** 2146 P.S.I. Maximum Temp. 111 F

Initial Opening	68 P.S.I. to 71 P.S.I.	from	6:05 A m to	6:35 A m	30 minutes
Initial Shut-in	85 P.S.I.	from	6:35 A m to	7:05 A m	30 minutes
Final Opening	70 P.S.I. to 73 P.S.I.	from	7:10 A m to	7:40 A m	30 minutes
Final Shut-in	83 P.S.I.	from	7:40 A m to	8:10 A m	30 minutes

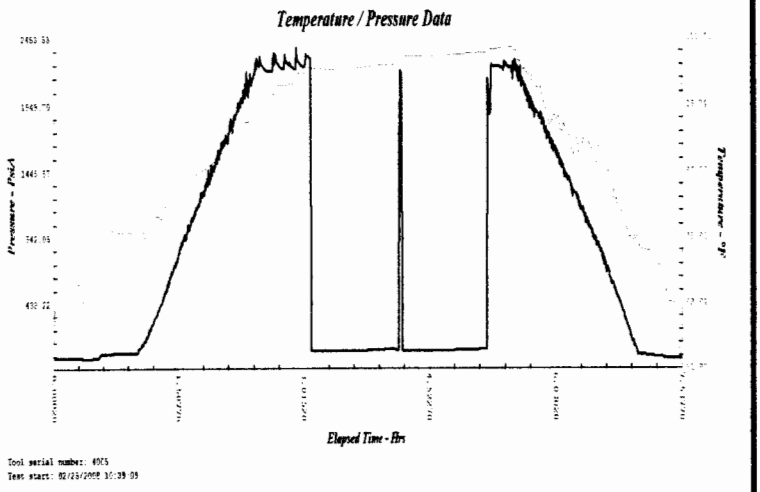
Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
10	MUD			100	

Total Feet Recovered 10 Recovery Chlorides ____ Rw. ____ ohms @ ____ Degrees
Gravity of oil ____ Corrected Gas to Surface in ____ minutes into the ____
Max. Gas Gauged ____ MCF/day See Gas Flow Report Was a gas sample taken ____
Comments ____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub ____ Straddle NO
Electronic Recorder No. 4023 Depth 4706 Extra Packer (3rd) YES Hook Wall NO
Bottom Recorder No 4030 Depth 4707 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Rot Approved By ____

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 — **DRILL STEM TEST REPORT** — GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2296
2	Initial Flow Pressure	68
3	Final Initial Flow Pressure	71
4	Initial Shut-In Pressure	85
5	Initial Final Flow Pressure	70
6	Final Flow Pressure	73
7	Final Shut-In Pressure	83
8	Final Hydrostatic Pressure	2146
	Maximum Temperature	111

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC		
TEST DATE	2/25/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	ALTAMONT
STATE	KANSAS	DRILL STEM TEST NUMBER	4
COUNTY	FORD	REPORT NUMBER	15450
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4617
TEST INTERVAL (From)	4627	BOTTOM PACKER DEPTH	4627
TEST INTERVAL (to)	4710	NUMBER OF PACKERS	3
ANCHOR LENGTH	83	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4710	HOLE SIZE	7 7/8

FLOW TIMES

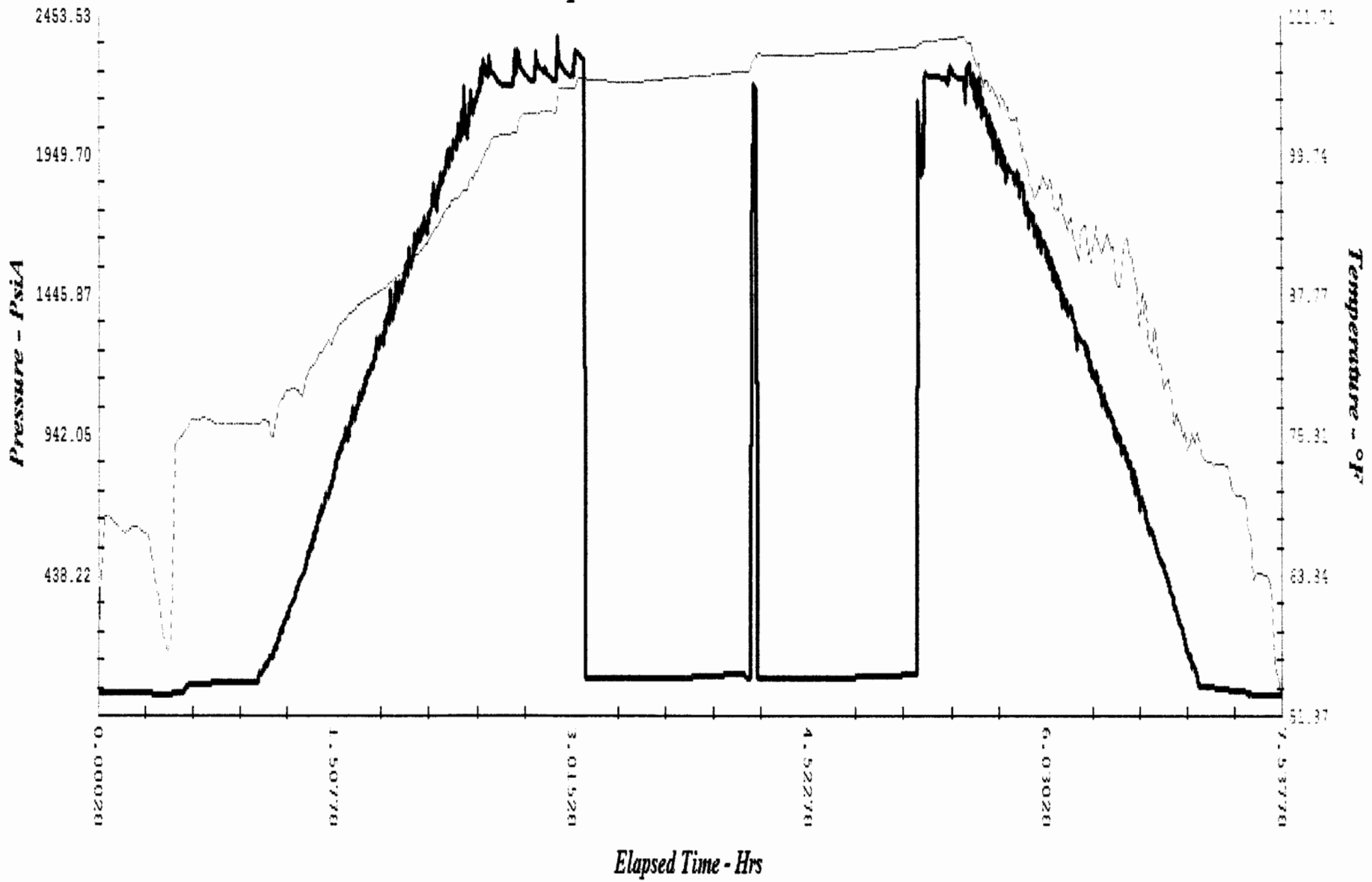
	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	6:05A	TOOL OPEN (from)	7:10
INITIAL OPEN	TOOL OPEN (to)	6:35	TOOL OPEN (to)	7:40
	DURATION (min.)	30	DURATION (min.)	30
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	6:35	TOOL CLOSED (from)	7:40
	TOOL CLOSED (to)	7:05	TOOL CLOSED (to)	8:10
	DURATION (min.)	30	DURATION (min.)	30

INITIAL FLOW WEAK SURFACE BLOW
NO BLOW BACK

FINAL FLOW NO BLOW,FLUSHED TOOL GOOD SURGE, WEAK SURFACE BLOW
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 4 Date: 2-25-08 SEC. 1 TWP. 26S RGE. 22W

Temperature / Pressure Data



Tool serial number: 4005
Test start: 02/25/2008 10:39:09

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
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Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 26 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4783 I.D. of Drill Pipe 3.8 Tool Joint Size 4½ XH
Drill Collar Length _____ I.D. of Drill Collars _____ Tool Joint Size _____
Mud Weight 9.0 Viscosity 52 Filtrate 10.4 Chlorides-Pits 11,000 DST _____
Top Packer Depth 4765 Bottom Packer Depth 4770 Number of Packers 2
Tested From 4770 **to** 4840 **Total Depth** 4840 **Anchor Length** 70
Test # 5 **Formation Tested** CHEROKEE LIME Hole Size 7 7/8
Initial Blow FAIR BLOW BUILT TO 1/2 INCH
_____ Blow back on the 1st Shut-in NO
Final Blow NO BLOW, FLUSHE TOOL GOOD SURGE, WEAK SURFACE BLOW
_____ Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2380 P.S.I. **Final Hydrostatic** 2217 P.S.I. Maximum Temp. 114 F

Initial Opening	61 P.S.I. to 61 P.S.I.	from 6:15 Am to 6:45 Am	30	minutes
Initial Shut-in	72 P.S.I.	from 6:45 Am to 7:30 Am	45	minutes
Final Opening	63 P.S.I. to 64 P.S.I.	from 7:45 Am to 8:15 Am	30	minutes
Final Shut-in	67 P.S.I.	from 8:15 Am to 8:45 Am	30	minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
20	MUD			100	

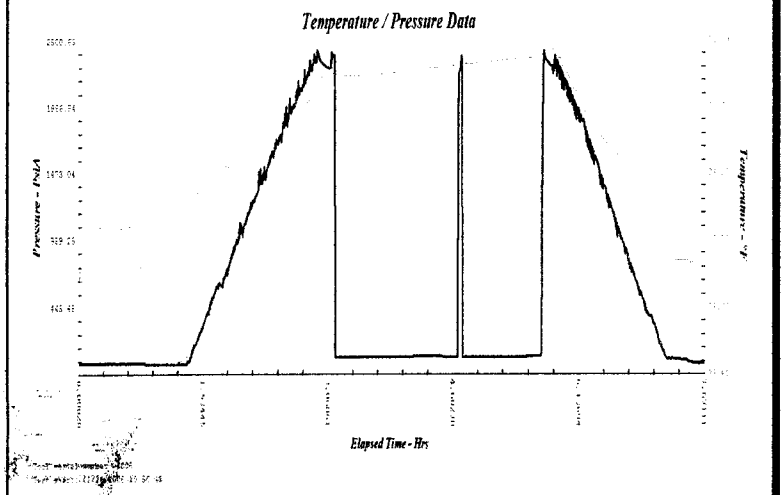
Total Feet Recovered 20 Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle NO
Electronic Recorder No. 4023 Depth 4836 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4050 Depth 4837 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zamarripa Approved By _____

15076

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 — **DRILL STEM TEST REPORT** — GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2380
2	Initial Flow Pressure	61
3	Final Initial Flow Pressure	61
4	Initial Shut-In Pressure	72
5	Initial Final Flow Pressure	63
6	Final Flow Pressure	64
7	Final Shut-In Pressure	67
8	Final Hydrostatic Pressure	2217
	Maximum Temperature	114

GENERAL INFORMATION

COMPANY NAME ..... RITCHIE EXPLORATION INC.

TEST DATE	2/26/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	CHEROKEE LIME
STATE	KANSAS	DRILL STEM TEST NUMBER	5
COUNTY	FORD	REPORT NUMBER	15276
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4765
TEST INTERVAL (From)	4770	BOTTOM PACKER DEPTH	4770
TEST INTERVAL (to)	4840	NUMBER OF PACKERS	2
ANCHOR LENGTH	70	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4840	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	6:15A	TOOL OPEN (from)	7:45
INITIAL OPEN	TOOL OPEN (to)	6:45	TOOL OPEN (to)	8:15
	DURATION (min.)	30	DURATION (min.)	30
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	6:45	TOOL CLOSED (from)	8:15
	TOOL CLOSED (to)	7:30	TOOL CLOSED (to)	8:45
	DURATION (min.)	45	DURATION (min.)	30

INITIAL FLOW FAIR BLOW BUILT TO 1/2 INCH
NO BLOW BACK

FINAL FLOW NO BLOW, FLUSHED TOOL GOOD SURGE, WEAK SURFACE BLOW
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 5 Date: 2-26-08 SEC. 1 TWP. 26S RGE. 22W

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	2/26/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	CHEROKEE LIME
STATE	KANSAS	DRILL STEM TEST NUMBER	5
COUNTY	FORD	REPORT NUMBER	15276
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	NO
JARS	NO	EXTRA PACKER (4TH)	NO
SAFETY JOINT	NO	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO

138 MILES ROUND TRIP FROM GREAT BEND

TOP RECORDER DEPTH	4836	BOTTOM RECORDER DEPTH	4837
RECORDER NUMBER	4023	RECORDER NUMBER	4050

WELL INFORMATION

DRILLING CONTRACTOR ..... DUKE DRLG RIG #1

DRILL PIPE LENGTH	4783	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	11,000	MUD WEIGHT #/GAL	9
CHLORIDES-DST		VISCOSITY	52
		WATER LOSS	10.4

COMMENTS

Superior Testers Enterprises L.L.C.

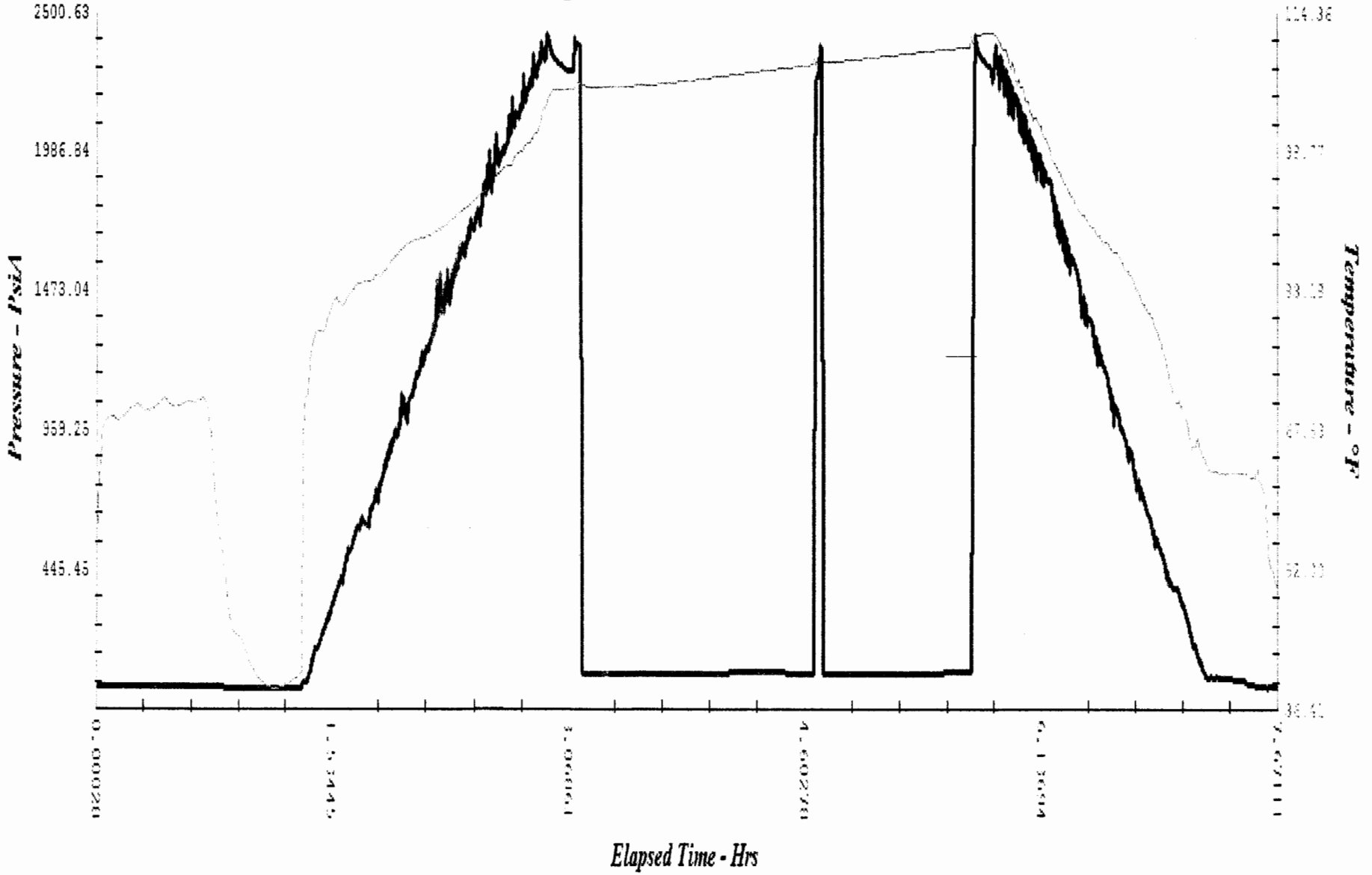
Drill Stem Test Report

Recovery Sample Description

1-800-792-6902 Great Bend,Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	20	MUD				100%		0.2840
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	0.2840	0.0000	
	2.25								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		20	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.2840	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.2840	0.0000	0.2840
					Gas	Oil	Mud	Water	
				Gravity		Corrected			
MUD WEIGHT #/GAL		9.0		Resistivity		ohms @		Degrees	
VISCOSITY		52		Recovery Chlorides		ppm			
WATER LOSS		10.4		Pit Chlorides	11,000	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
		RITCHIE EXPLORATION INC.		1-26S-22W NAAB #1 2-26-08 DST #5 CHEROKEE LIME					

Temperature / Pressure Data



Tool serial number: 4005
Test start: 02/26/2008 10:50:43

RITCHIE EXPLORATION INC. 1-26S-22W NAAB #1 2-26-08 DST #5 CHEROKEE LIME

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date ___ - ___ - 20___ County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4866 I.D. of Drill Pipe 3.8 Tool Joint Size 4½ XH
Drill Collar Length ___ I.D. of Drill Collars ___ Tool Joint Size ___
Mud Weight 9.0 Viscosity 54 Filtrate 11.2 Chlorides-Pits 9,000 DST ___
Top Packer Depth 4880 Bottom Packer Depth 4885 Number of Packers 2
Tested From 4885 **to** 4910 **Total Depth** 4910 **Anchor Length** 25
Test # 10 **Formation Tested** MISSISSIPPI Hole Size 7 7/8
Initial Blow FAIR BUILDING BLOW BUILT TO 2 INCHES
Blow back on the 1st Shut-in NO
Final Blow FAIR BLOW BUILT TO 1 INCH
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2439 P.S.I. **Final Hydrostatic** 2283 P.S.I. Maximum Temp. 117 F

Initial Opening	38 P.S.I. to 44 P.S.I.	from	12:45 Am to	1:15 Am	30 minutes
Initial Shut-in	1410 P.S.I.	from	1:15 Am to	2:00 Am	45 minutes
Final Opening	43 P.S.I. to 51 P.S.I.	from	2:00 Am to	2:45 Am	45 minutes
Final Shut-in	1396 P.S.I.	from	2:45 Am to	3:45 Am	60 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
20	MUD			100	

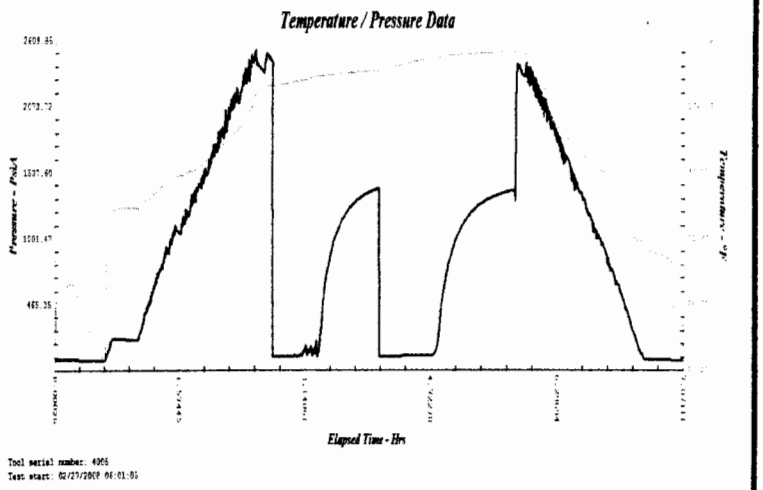
Total Feet Recovered 20 Recovery Chlorides ___ Rw. ___ ohms @ ___ Degrees
Gravity of oil ___ Corrected Gas to Surface in ___ minutes into the ___
Max. Gas Gauged ___ MCF/day See Gas Flow Report Was a gas sample taken ___
Comments ___

Extra Equipment-Jars NO Safety Joint NO Circulating Sub ___ Straddle NO
Electronic Recorder No. 4023 Depth 4906 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4050 Depth 4907 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zamarripa Approved By ___

Ticket No 15277

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 — **DRILL STEM TEST REPORT** — GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2439
2	Initial Flow Pressure	38
3	Final Initial Flow Pressure	44
4	Initial Shut-In Pressure	1410
5	Initial Final Flow Pressure	43
6	Final Flow Pressure	51
7	Final Shut-In Pressure	1396
8	Final Hydrostatic Pressure	2283
	Maximum Temperature	117

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC.		
TEST DATE	2/27/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MISSISSIPPI
STATE	KANSAS	DRILL STEM TEST NUMBER	6
COUNTY	FORD	REPORT NUMBER	15277
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4880
TEST INTERVAL (From)	4885	BOTTOM PACKER DEPTH	4885
TEST INTERVAL (to)	4910	NUMBER OF PACKERS	2
ANCHOR LENGTH	25	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4910	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	12:45A	TOOL OPEN (from)	2:00
INITIAL OPEN	TOOL OPEN (to)	1:15	TOOL OPEN (to)	2:45
	DURATION (min.)	30	DURATION (min.)	45
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	1:15	TOOL CLOSED (from)	2:45
	TOOL CLOSED (to)	2:00	TOOL CLOSED (to)	3:45
	DURATION (min.)	45	DURATION (min.)	60

INITIAL FLOW FAIR BUILDING BLOW BUILT TO 2 INCHES
NO BLOW BACK

FINAL FLOW FAIR BLOW BUILT TO 1 INCH
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 6 Date: 2-27-08 SEC. 1 TWP. 26S RGE. 22W

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	2/27/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MISSISSIPPI
STATE	KANSAS	DRILL STEM TEST NUMBER	6
COUNTY	FORD	REPORT NUMBER	15277
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

EXTRA EQUIPMENT

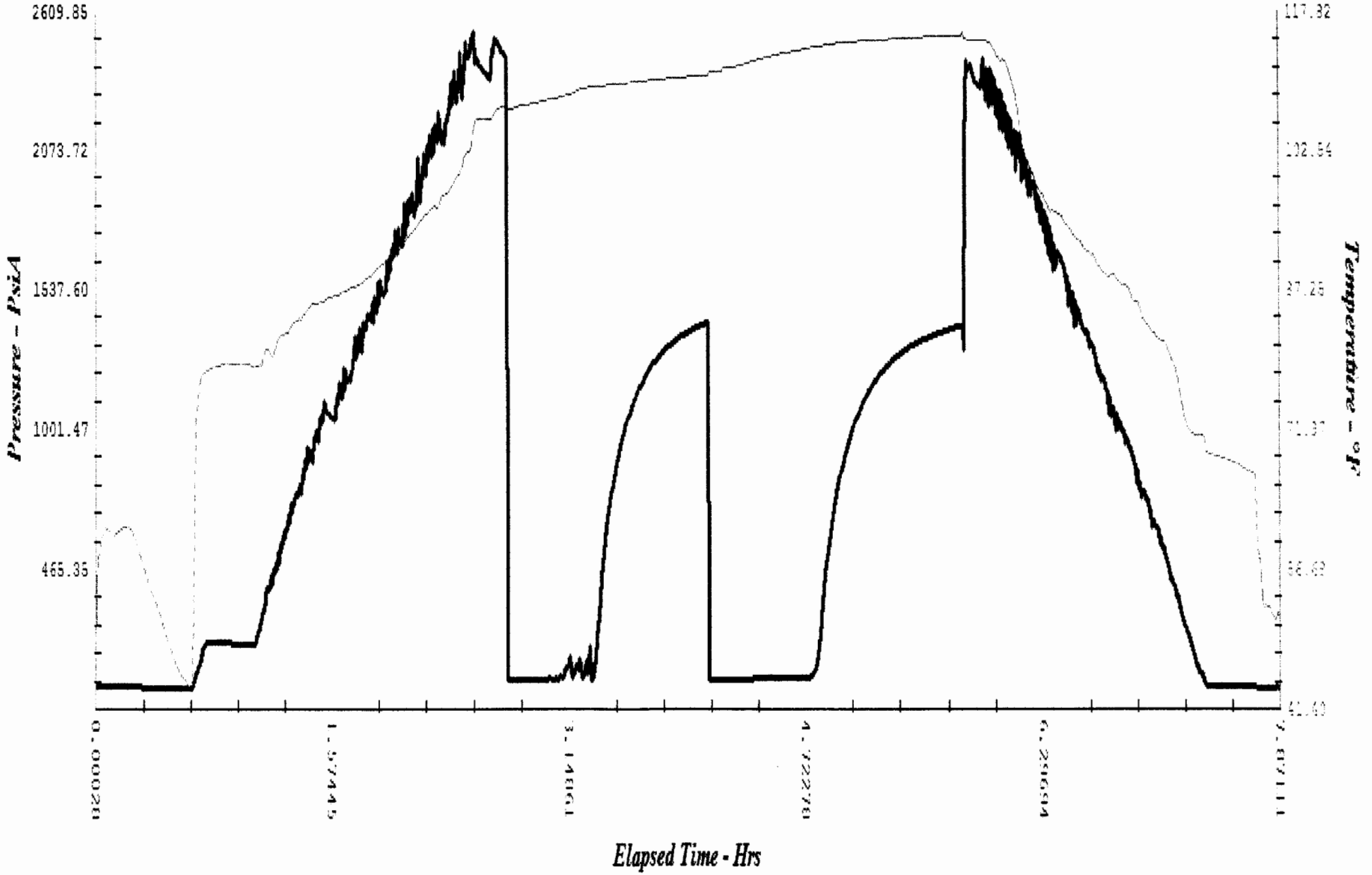
		EXTRA PACKER (3RD)	NO
JARS	NO	EXTRA PACKER (4TH)	NO
SAFETY JOINT	NO	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO
138 MILES ROUND TRIP FROM GREAT BEND			
TOP RECORDER DEPTH	4906	BOTTOM RECORDER DEPTH	4907
RECORDER NUMBER	4023	RECORDER NUMBER	4050

WELL INFORMATION

DRILLING CONTRACTOR	DUKE DRLG RIG #1		
DRILL PIPE LENGTH	4866	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	9,000	MUD WEIGHT #/GAL	9
CHLORIDES-DST		VISCOSITY	54
		WATER LOSS	11.2

COMMENTS

Temperature / Pressure Data



Tool serial number: 4005
Test start: 02/27/2008 06:01:05

RITCHIE EXPLORATION INC. 1-26S-22W NAAB #1 2-27-08 DST #6 MISSISSIPPI

4880
4958

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188-WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 27 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4908 I.D. of Drill Pipe 3.8 Tool Joint Size 4½XH
Drill Collar Length [redacted] I.D. of Drill Collars _____ Tool Joint Size _____
Mud Weight 9.2 Viscosity 69 Filtrate 15.2 Chlorides-Pits 12,500 DST _____
Top Packer Depth 4890 Bottom Packer Depth 4895 Number of Packers 2
Tested From 4895 **to** 4958 **Total Depth** 4958 **Anchor Length** 63
Test # 7 **Formation Tested** MISSISSIPPI Hole Size 7 7/8
Initial Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 2 MINUTES
_____ Blow back on the 1st Shut-in _____
Final Blow _____
_____ Blow back on the 2nd Shut-in _____
Initial Hydrostatic 2473 P.S.I. **Final Hydrostatic** 2459 P.S.I. Maximum Temp. 110 F

Initial Opening 68 P.S.I. to ~~168~~ P.S.I.	from 8:20 pm	to 8:50 pm	30	minutes
Initial Shut-in INVALID P.S.I.	from 8:50 pm	to 9:35 pm	45	minutes
Final Opening INVALID P.S.I. to INVALID P.S.I.	from 9:35 pm	to 10:20 pm	45	minutes
Final Shut-in INVALID P.S.I.	from 10:20 pm	to 11:20 pm	60	minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
3780	Drilling Mud				

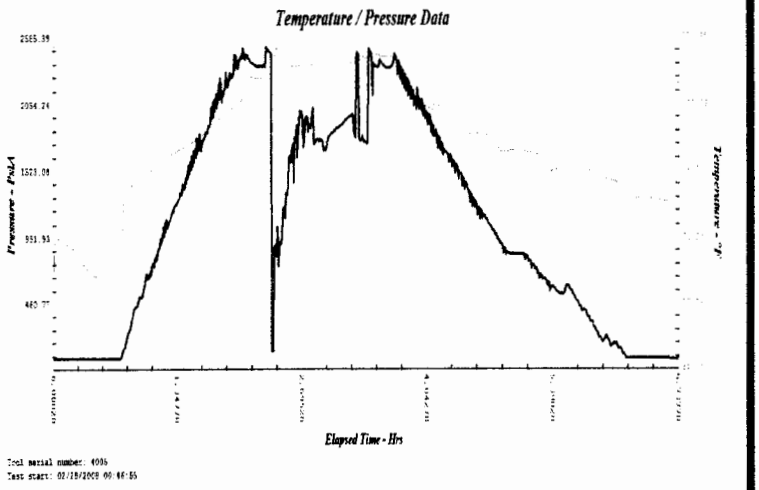
Total Feet Recovered _____ Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle NO
Electronic Recorder No. 4023 Depth 4954 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4050 Depth 4955 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zamarripa Approved By _____

Ticket No. 15278

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 **DRILL STEM TEST REPORT** GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2473
2	Initial Flow Pressure	63
3	Final Initial Flow Pressure	NVALID
4	Initial Shut-In Pressure	NVALID
5	Initial Final Flow Pressure	NVALID
6	Final Flow Pressure	NVALID
7	Final Shut-In Pressure	NVALID
8	Final Hydrostatic Pressure	2459
	Maximum Temperature	110

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC.		
TEST DATE	2/27/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MISSISSIPPI
STATE	KANSAS	DRILL STEM TEST NUMBER	7
COUNTY	FORD	REPORT NUMBER	15278
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4890
TEST INTERVAL (From)	4895	BOTTOM PACKER DEPTH	4895
TEST INTERVAL (to)	4958	NUMBER OF PACKERS	2
ANCHOR LENGTH	63	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4958	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN		
	TOOL OPEN (from)	8:20P	TOOL OPEN (from)	9:35
INITIAL OPEN	TOOL OPEN (to)	8:50	TOOL OPEN (to)	10:20
	DURATION (min.)	30	DURATION (min.)	45
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	8:50	TOOL CLOSED (from)	10:20
	TOOL CLOSED (to)	9:35	TOOL CLOSED (to)	11:20
	DURATION (min.)	45	DURATION (min.)	60

INITIAL FLOW STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN 2 MINUTES
PACKER FAILURE

FINAL FLOW CHARTS SHOWED POSSIBLE FRACTURED FORMATION CAUSING THE MUD TO GO INTO THE FORMATION AND AROUND THE PACKERS

Company: RITHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 7 Date: 2-27-08 SEC. 1 TWP. 26S RGE. 22W

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	2/27/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MISSISSIPPI
STATE	KANSAS	DRILL STEM TEST NUMBER	7
COUNTY	FORD	REPORT NUMBER	15278
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	NO
JARS	NO	EXTRA PACKER (4TH)	NO
SAFETY JOINT	NO	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO

138 MILES ROUND TRIP FROM GREAT BEND

TOP RECORDER DEPTH	4954	BOTTOM RECORDER DEPTH	4955
RECORDER NUMBER	4023	RECORDER NUMBER	4050

WELL INFORMATION

DRILLING CONTRACTOR ..... DUKE DRLG RIG #1

DRILL PIPE LENGTH	4908	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	12,500	MUD WEIGHT #/GAL	9.2
CHLORIDES-DST		VISCOSITY	69
		WATER LOSS	15.2

COMMENTS

Superior Testers Enterprises L.L.C.

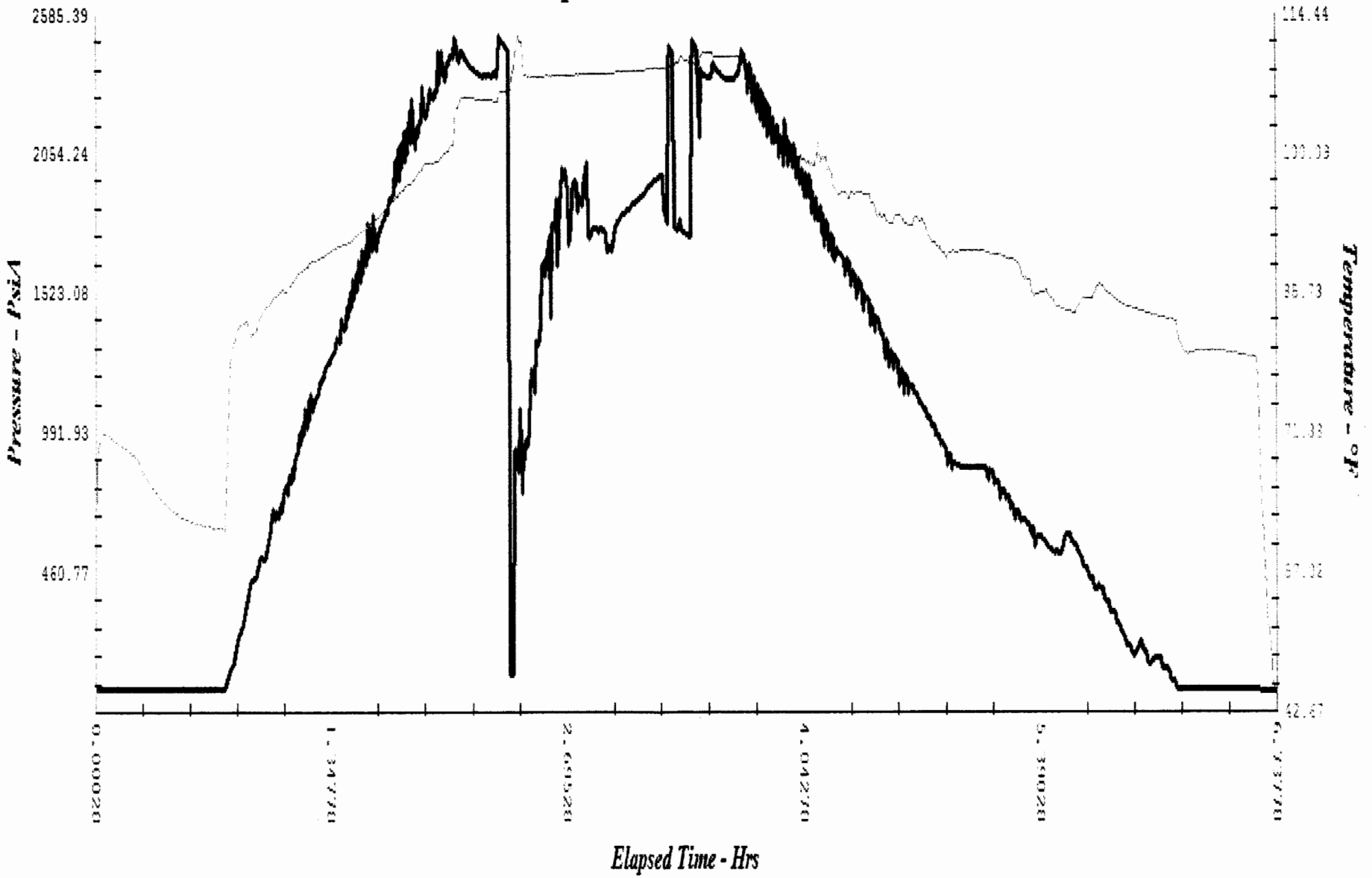
Drill Stem Test Report

Recovery Sample Description

1-800-792-6902 Great Bend,Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	3780	DRILLING MUD						53.6760
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	0.0000	0.0000	
	2.25								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		3780	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.0000	0.0000	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	0.0000	0.0000	53.6760
					Gas	Oil	Mud	Water	
				Gravity		Corrected			
MUD WEIGHT #/GAL		9.2		Resistivity		ohms @		Degrees	
VISCOSITY		69		Recovery Chlorides		ppm			
WATER LOSS		15.2		Pit Chlorides	12,500	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
		RITCHIE EXPLORATION INC.		1-26S-22W NAAB #1 2-27-08 DST #7 MISSISSIPPI					

Temperature / Pressure Data



Tool serial number: 4005
Test start: 02/28/2008 00:46:55

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 28 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4923 I.D. of Drill Pipe 3.8 Tool Joint Size 4½ XH
Drill Collar Length _____ I.D. of Drill Collars _____ Tool Joint Size _____
Mud Weight 9.2 Viscosity 69 Filtrate 15.2 Chlorides-Pits 12,500 DST 29,000
Top Packer Depth [redacted] 4875 Bottom Packer Depth 4880 Number of Packers 2
Tested From 4880 **to** 4958 **Total Depth** 4958 **Anchor Length** 78
Test # 8 **Formation Tested** MISSISSIPPI Hole Size 7 7/8
Initial Blow WEAK BLOW BUILT TO 11 INCHES
Blow back on the 1st Shut-in NO
Final Blow WEAK BLOW BUILT TO 7 INCHES
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2409 P.S.I. **Final Hydrostatic** 2374 P.S.I. Maximum Temp. 114 F

Initial Opening	69 P.S.I. to 117 P.S.I.	from	9 : 25	m to	10 : 10	m 45 minutes
Initial Shut-in	1421 P.S.I.	from	10 : 10	m to	10 : 55	m 45 minutes
Final Opening	124 P.S.I. to 160 P.S.I.	from	:	m to	:	m minutes
Final Shut-in	1435 P.S.I.	from	:	m to	:	m minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
30	MUD			100	
60	VERY SLIGHT OIL CUT [redacted] GASSY MUD	2	1	99	
120		2		75	25
	CHLORIDES 29,000				

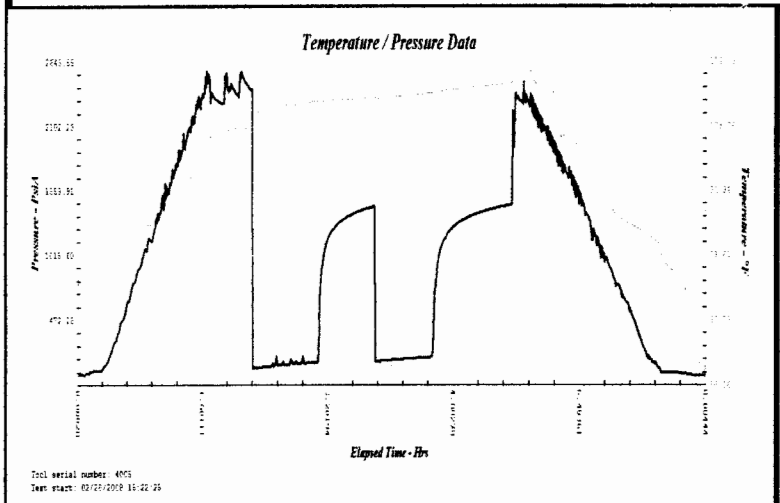
Total Feet Recovered 210 Recovery Chlorides 29,000 Rw. .2 ohms @ 82 Degrees
Gravity of oil _____ Corrected Gas to Surface in _____ minutes into the _____
Max. Gas Gauged _____ MCF/day See Gas Flow Report Was a gas sample taken _____
Comments _____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub _____ Straddle NO
Electronic Recorder No. 4023 Depth 4954 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4050 Depth 4955 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zamarripa Approved By _____

Ticket No. 15279

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 — **DRILL STEM TEST REPORT** — GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2409
2	Initial Flow Pressure	69
3	Final Initial Flow Pressure	117
4	Initial Shut-In Pressure	1421
5	Initial Final Flow Pressure	124
6	Final Flow Pressure	160
7	Final Shut-In Pressure	1435
8	Final Hydrostatic Pressure	2374
	Maximum Temperature	114

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC.		
TEST DATE	2/28/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MISSISSIPPI
STATE	KANSAS	DRILL STEM TEST NUMBER	8
COUNTY	FORD	REPORT NUMBER	15279
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4875
TEST INTERVAL (From)	4880	BOTTOM PACKER DEPTH	4880
TEST INTERVAL (to)	4958	NUMBER OF PACKERS	2
ANCHOR LENGTH	78	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4958	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	9:25A	TOOL OPEN (from)	10:55
INITIAL OPEN	TOOL OPEN (to)	10:10	TOOL OPEN (to)	11:40
	DURATION (min.)	45	DURATION (min.)	45
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	10:10	TOOL CLOSED (from)	11:40
	TOOL CLOSED (to)	10:55	TOOL CLOSED (to)	12:40
	DURATION (min.)	45	DURATION (min.)	60

INITIAL FLOW WEAK BLOW BUILT TO 11 INCHES
NO BLOW BACK

FINAL FLOW WEAK BLOW BUILT TO 7 INCHES
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. **Lease & Well No.** NAAB # 1 **Test #:** 8 **Date:** 2-28-08 **SEC.** 1 **TWP.** 26S **RGE.** 22W

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	2/28/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	MISSISSIPPI
STATE	KANSAS	DRILL STEM TEST NUMBER	8
COUNTY	FORD	REPORT NUMBER	15279
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	NO
JARS	NO	EXTRA PACKER (4TH)	NO
SAFETY JOINT	NO	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO

138 MILES ROUND TRIP FROM GREAT BEND

TOP RECORDER DEPTH	4954	BOTTOM RECORDER DEPTH	4955
RECORDER NUMBER	4023	RECORDER NUMBER	4050

WELL INFORMATION

DRILLING CONTRACTOR ..... DUKE DRLG RIG # 1

DRILL PIPE LENGTH	4923	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	12,500	MUD WEIGHT #/GAL	9.2
CHLORIDES-DST		VISCOSITY	69
		WATER LOSS	15.2

COMMENTS

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530
(800) 792-6902

Company RITCHIE EXPLORATION INC
Address P.O. BOX 783188 WICHITA KS 67278-3188
Lease & # NAAB #1 Sec. 1 Twp 26S Rng 22W
Date 2 - 21 - 2008 County FORD Elevation 2399 G.L. 2412 K.B.
Drilling Contractor DUKE DRLG RIG #1
Drill Pipe Length 4226 I.D. of Drill Pipe 3.8 Tool Joint Size 4½ XH
Drill Collar Length ____ I.D. of Drill Collars ____ Tool Joint Size ____
Mud Weight 9.0 Viscosity 52 Filtrate 8.8 Chlorides-Pits 4,600 DST ____
Top Packer Depth 4240 Bottom Packer Depth 4245 Number of Packers 2
Tested From 4245 **to** 4287 **Total Depth** 4287 **Anchor Length** 42
Test # 1 **Formation Tested** LANSING "C" Hole Size 7 7/8
Initial Blow NO BLOW
Blow back on the 1st Shut-in NO
Final Blow NO BLOW, FLUSHED TOOL GOOD SURGE, STRONG BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2079 P.S.I. **Final Hydrostatic** 2007 P.S.I. Maximum Temp. 118 F

Initial Opening	56 P.S.I. to 178 P.S.I.	from	7:55 pm	to	8:25 pm	30 minutes
Initial Shut-in	1297 P.S.I.	from	8:25 pm	to	8:55 pm	30 minutes
Final Opening	187 P.S.I. to 356 P.S.I.	from	8:55	to	9:25 pm	45 minutes
Final Shut-in	1305 P.S.I.	from	9:25	to	10:55 pm	60 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
145	MUDDY WATER			40	60
180	MUDDY WATER			20	80
120	MUDDY WATER			10	90
180	WATER				100

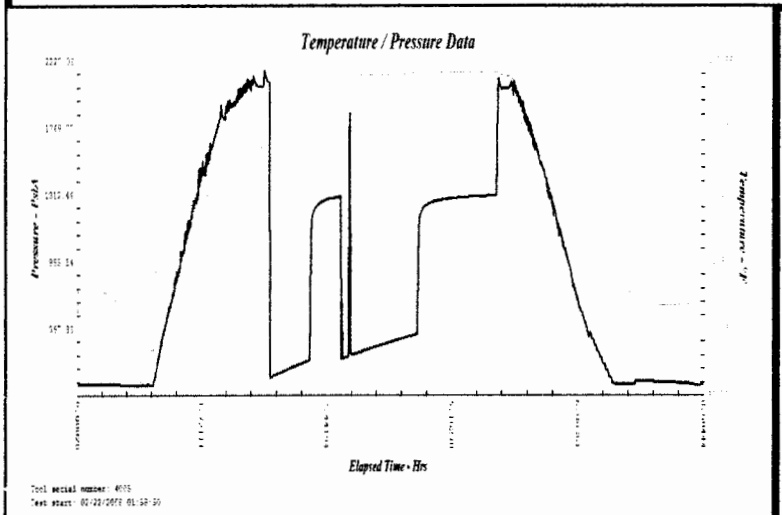
Total Feet Recovered 625 Recovery Chlorides 122,000 Rw. .08 ohms @ 62 Degrees
Gravity of oil ____ Corrected Gas to Surface in ____ minutes into the ____
Max. Gas Gauged ____ MCF/day See Gas Flow Report Was a gas sample taken ____
Comments ____

Extra Equipment-Jars NO Safety Joint NO Circulating Sub ____ Straddle NO
Electronic Recorder No. 4023 Depth 4283 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 4030 Depth 4284 Extra Packer (4th) NO Sampler NO
Tool Operator Jim Samuel Approved By ____

Ticket No. 15447

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902 **DRILL STEM TEST REPORT** GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2079
2	Initial Flow Pressure	56
3	Final Initial Flow Pressure	178
4	Initial Shut-In Pressure	1297
5	Initial Final Flow Pressure	187
6	Final Flow Pressure	356
7	Final Shut-In Pressure	1305
8	Final Hydrostatic Pressure	2007
	Maximum Temperature	118

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC.		
TEST DATE	2/21/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	LANSING "C"
STATE	KANSAS	DRILL STEM TEST NUMBER	1
COUNTY	FORD	REPORT NUMBER	15447
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE ENGELRECHT	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4240
TEST INTERVAL (From)	4245	BOTTOM PACKER DEPTH	4245
TEST INTERVAL (to)	4287	NUMBER OF PACKERS	2
ANCHOR LENGTH	42	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4287	HOLE SIZE	7 7/8

FLOW TIMES

	INITIAL OPEN		FINAL OPEN	
	TOOL OPEN (from)	7:55P	TOOL OPEN (from)	9:10
INITIAL OPEN	TOOL OPEN (to)	8:25	TOOL OPEN (to)	9:55
	DURATION (min.)	30	DURATION (min.)	45
	INITIAL SHUT-IN		FINAL SHUT-IN	
	TOOL CLOSED (from)	8:25	TOOL CLOSED (from)	9:55
	TOOL CLOSED (to)	8:55	TOOL CLOSED (to)	10:55
	DURATION (min.)	30	DURATION (min.)	60

INITIAL FLOW NO BLOW
NO BLOW BACK

FINAL FLOW NO BLOW, FLUSHED TOOL GOOD SURGE,STRONG BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET
NO BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. NAAB #1 Test #: 1 Date: 2-21-08 SEC. 1 TWP. 26S RGE. 22W

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	2/21/08	LEASE AND WELL NUMBER	NAAB #1
SECTION-TOWN-RANGE	1-26S-22W	FORMATION TESTED	LANSING "C"
STATE	KANSAS	DRILL STEM TEST NUMBER	1
COUNTY	FORD	REPORT NUMBER	15447
ELEVATION GROUND LEVEL	2399	ELEVATION KELLY BUSHINGS	2412
COMPANY REPRESENTATIVE	MIKE ENGELRECHT	TESTING ENGINEER	FRANK ZAMARRIPA

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	NO
JARS	NO	EXTRA PACKER (4TH)	NO
SAFETY JOINT	NO	STRADDLE	NO
ELECTRONIC RECORDER	YES	HOOK WALL	NO
CIRCULATING SUB	NO	SAMPLER	NO

138 MILES ROUND TRIP FROM GREAT BEND

TOP RECORDER DEPTH	4283	BOTTOM RECORDER DEPTH	4284
RECORDER NUMBER	4023	RECORDER NUMBER	4050

WELL INFORMATION

DRILLING CONTRACTOR ..... DUKE DRLG RIG #1

DRILL PIPE LENGTH	4226	DRILL COLLAR LENGTH	
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.
CHLORIDES-PITS	4,500	MUD WEIGHT #/GAL	9
CHLORIDES-DST		VISCOSITY	52
		WATER LOSS	8.8

COMMENTS

Superior Testers Enterprises L.L.C.

Drill Stem Test Report

Recovery Sample Description

1-800-792-6902 Great Bend,Kansas 67530

Drill Pipe	I.D.	Feet		Recovery Description For Drill Pipe	Gas	Oil	Mud	Water	Total bbls.
4 1/2	3.82	145	MUDDY WATER				40%	60%	2.0590
		180	MUDDY WATER				20%	80%	2.5560
		120	MUDDY WATER				10%	90%	1.7040
		180	WATER					100%	2.5560
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Drill Collars	I.D.			Recovery Description For Drill Collars	0.0000	0.0000	1.5052	7.3698	
	2.25								0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
									0.0000
Total Recovery		625	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	1.5052	7.3698	Total
				Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
				Total bbls Recovered	0.0000	0.0000	1.5052	7.3698	8.8750
					Gas	Oil	Mud	Water	
				Gravity		Corrected			
MUD WEIGHT #/GAL		9.0		Resistivity	0.80	ohms @	62	Degrees	
VISCOSITY		52		Recovery Chlorides	122,000	ppm			
WATER LOSS		8.8		Pit Chlorides	4,500	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					
		RITCHIE EXPLORATION INC.		1-26S-22W NAAB # 1 2-21-08 DST # 1 LANSING "C"					