Ritchie Exploration
Selland 1

13-27s-24w
15-057-20591

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 & # SELLARDS #1 Sec. 13 Twp 27S Rng 24W
Date 11 - 8 - 2007 County FORD Elevation 2432 G.L. 2442 K.B.
Drilling Contractor VAL ENERGY RIG #1
Drill Pipe Length 4750 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 57 Filtrate 8.8 Chlorides-Pits 4,800 DST
Top Packer Depth 4764 Bottom Packer Depth 4769 Number of Packers 2
Tested From 4769 **to** 4799 **Total Depth** 4799 **Anchor Length** 30
Test # 1 **Formation Tested** PAWNEE Hole Size 7 7/8
Initial Blow FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 12 MINUTES
Blow back on the 1st Shut-in YES, WEAK
Final Blow STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN LESS THAN 1 MINUTE
Blow back on the 2nd Shut-in WEAK
Initial Hydrostatic 2381 P.S.I. **Final Hydrostatic** 2270 P.S.I. Maximum Temp. 114 F

Initial Opening	61 P.S.I. to 76 P.S.I.	from 10:40 Am	to 11:10 Am	30	minutes
Initial Shut-in	1053 P.S.I.	from 11:10 Am	to 11:55 Am	45	minutes
Final Opening	82 P.S.I. to 102 P.S.I.	from 11:55 Am	to 12:40 Pm	45	minutes
Final Shut-in	969 P.S.I.	from 12:40 Pm	to 1:40 Pm	60	minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
2195	GAS IN PIPE	100			
35	HEAVY OIL CUT GASSY MUD	10	34	45	5
120	GASSY MUDDY OIL	40	35	10	15

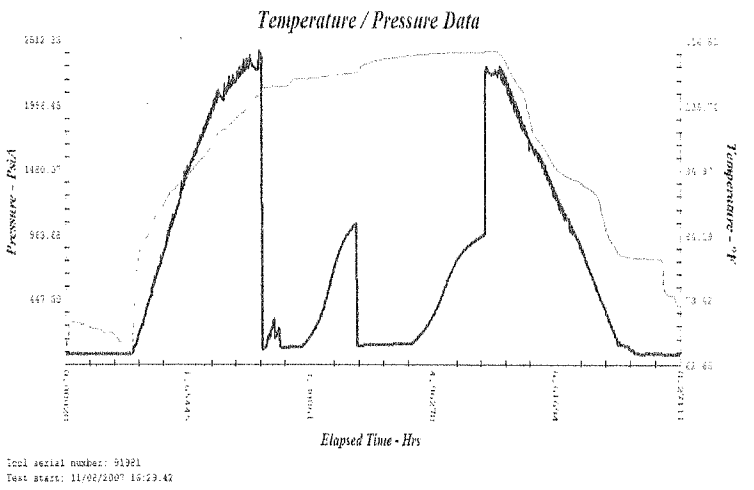
Total Feet Recovered 155 Recovery Chlorides 18,000 Rw. ____ ohms @ ____ Degrees
Gravity of oil ____ Corrected Gas to Surface in ____ minutes into the ____
Max. Gas Gauged ____ MCF/day See Gas Flow Report Was a gas sample taken ____
Comments Tool on cat - 6:30a

Extra Equipment-Jars NO Safety Joint NO Circulating Sub ____ Straddle NO
Electronic Recorder No. 91951 Depth 4795 Extra Packer (3rd) NO Hook Wall NO
Bottom Recorder No 10250 Depth 4796 Extra Packer (4th) NO Sampler NO
Tool Operator Frank Zamarripa Approved By ____

Ticket No. 15243

SUPERIOR TESTERS ENTERPRISES L.L.C.

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



1	Initial Hydrostatic Pressure	2381
2	Initial Flow Pressure	61
3	Final Initial Flow Pressure	76
4	Initial Shut-In Pressure	1053
5	Initial Final Flow Pressure	82
6	Final Flow Pressure	102
7	Final Shut-In Pressure	969
8	Final Hydrostatic Pressure	2270
	Maximum Temperature	116

GENERAL INFORMATION

COMPANY NAME	RITCHIE EXPLORATION INC		
TEST DATE	11/8/07	LEASE AND WELL NUMBER	SELLARD #1
SECTION-TOWN-RANGE	13-27S-24W	FORMATION TESTED	PAWNEE
STATE	KANSAS	DRILL STEM TEST NUMBER	1
COUNTY	FORD	REPORT NUMBER	15243
ELEVATION GROUND LEVEL	2432	ELEVATION KELLY BUSHINGS	2442
COMPANY REPRESENTATIVE	MIKE E.	TESTING ENGINEER	FRANK ZAMARRIPA

TOOL SETTING INFORMATION

		TOP PACKER DEPTH	4764
TEST INTERVAL (From)	4769	BOTTOM PACKER DEPTH	4769
TEST INTERVAL (to)	4799	NUMBER OF PACKERS	2
ANCHOR LENGTH	30	PACKER SIZE	6 3/4
TOTAL DEPTH (ft)	4799	HOLE SIZE	7 7/8

FLOW TIMES

INITIAL OPEN		FINAL OPEN	
TOOL OPEN (from)	10:40A	TOOL OPEN (from)	11:55
TOOL OPEN (to)	11:10	TOOL OPEN (to)	12:40P
DURATION (min.)	30	DURATION (min.)	45
INITIAL SHUT-IN		**FINAL SHUT-IN**	
TOOL CLOSED (from)	11:10	TOOL CLOSED (from)	12:40
TOOL CLOSED (to)	11:55	TOOL CLOSED (to)	1:40
DURATION (min.)	45	DURATION (min.)	60

INITIAL FLOW FAIR BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 12 MINUTES
WEAK BLOW BACK

FINAL FLOW STRONG BLOW TO BOTTOM OF 5 GALLON BUCKET IN LESS THAN 1 MINUTE
WEAK BLOW BACK

Company: RITCHIE EXPLORATION INC. Lease & Well No. SELLARD #1 Test #: 1 Date: 11-8-07 SEC. 13 TWP. 27S RGE. 24W

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	11/8/07	LEASE AND WELL NUMBER	SELLARD #1
SECTION-TOWN-RANGE	13-27S-24W	FORMATION TESTED	PAWNEE
STATE	KANSAS	DRILL STEM TEST NUMBER	1
COUNTY	FORD	REPORT NUMBER	15243
ELEVATION GROUND LEVEL	2432	ELEVATION KELLY BUSHINGS	2442
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
166 MILES ROUND TRIP FROM	GREAT BEND		
TOP RECORDER DEPTH	4795	BOTTOM RECORDER DEPTH	4796
RECORDER NUMBER	91951	RECORDER NUMBER	10250

WELL INFORMATION

DRILLING CONTRACTOR ..... VAL ENERGY RIG #1

DRILL PIPE LENGTH	4750	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.

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	2195	GAS IN PIPE	100%				31.1690
		35	HEAVY OIL CUT GASSY MUD	16%	34%	45%	5%	0.4970
		120	GASSY MUDDY OIL	40%	35%	10%	15%	1.7040
								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	31.9301	0.7654	0.3941	0.2805	
	2.25							0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
Total Recovery		2350	Feet					

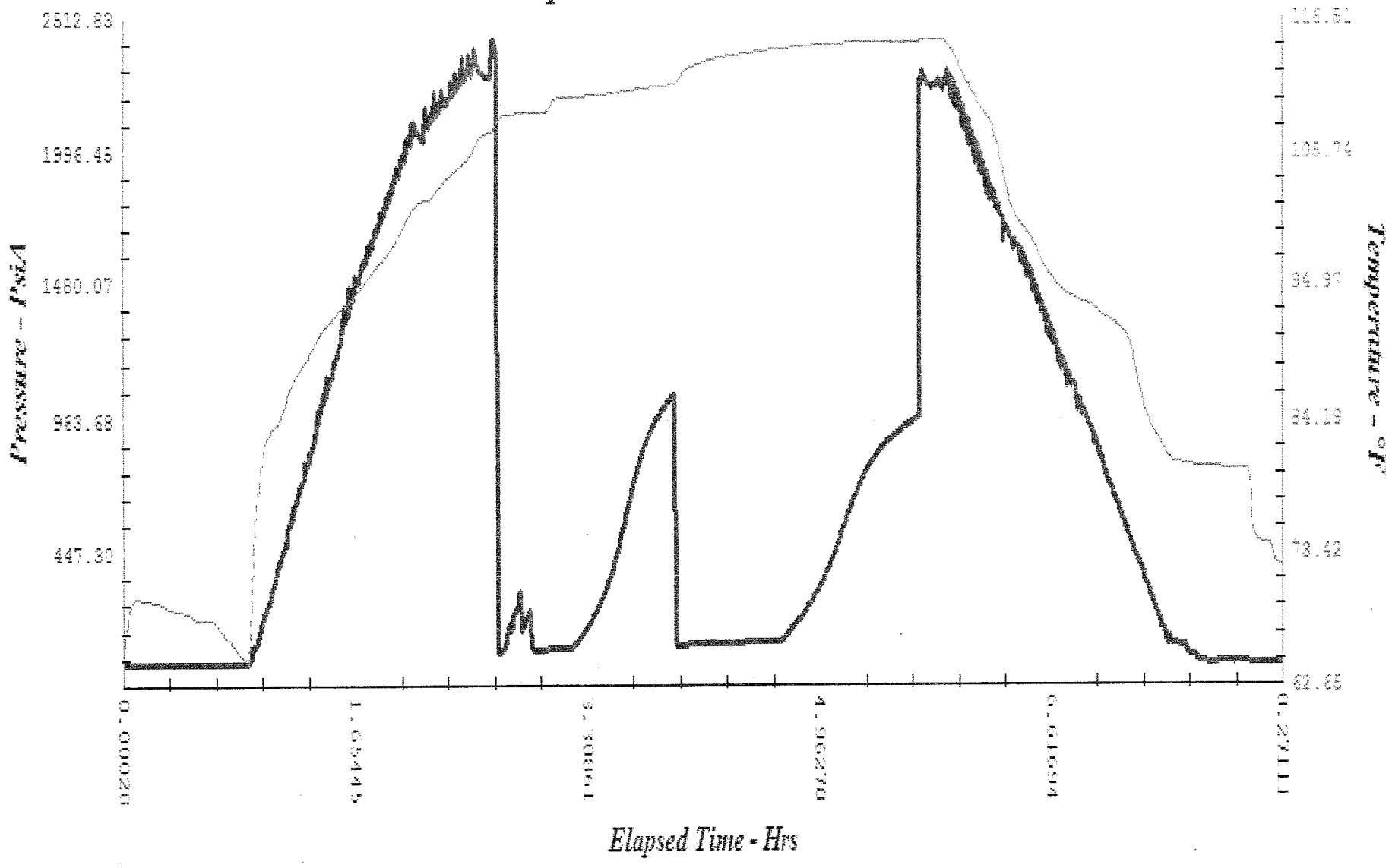
Total bbls. Recovered From Drill Pipe	31.9301	0.7654	0.3941	0.2805	Total
Total bbls. Recovered From Drill Collars	0.0000	0.0000	0.0000	0.0000	bbls
Total bbls Recovered	31.9301	0.7654	0.3941	0.2805	33.3700
	Gas	Oil	Mud	Water	
Gravity of Oil Corrected					
Resistivity		ohms @		Degrees	
Recovery Chlorides	18,000	ppm			
Pit Chlorides	4,800	ppm			

MUD WEIGHT #/GAL	9.0
VISCOSITY	57
WATER LOSS	8.8

4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D

RITCHIE EXPLORATION INC. 13-27S-24W SELLARD #1 11-8-07 DST #1 PAWNEE

Temperature / Pressure Data



Tool serial number: 91981
Test start: 11/08/2007 16:29:42

RITCHIE EXPLORATION INC. 13-27S-24W SELLARD #1 11-8-07 DST #1 PAWNEE

Superior Testers Enterprises L.L.C.

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

Company Ritchie Exploration Inc.
Address PO 783188 Wichita KS 67278-3188
Lease & # Scillard #1 Sec. 13 Twp 27 Rng 24
Date 11 - 9 - 2007 County Ford Elevation 2432 G.L. 2442 K.B.
Drilling Contractor Val Rig #1
Drill Pipe Length 4797 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 XH
Drill Collar Length — I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH
Mud Weight 9.0 Viscosity 48 Filtrate 10.0 Chlorides-Pits 5,000 DST —
Top Packer Depth 4810 Bottom Packer Depth 4815 Number of Packers 2
Tested From 4815 **to** 4945 **Total Depth** 4945 **Anchor Length** 130
Test # 2 **Formation Tested** CK & Marrow Hole Size 7 7/8"
Initial Blow weak Building Blow Built to 3inchs into water in 30min
Blow back on the 1st Shut-in NO
Final Blow Weak Building Blow Built to 4 1/2 inches into water in 60min
Blow back on the 2nd Shut-in NO
Initial Hydrostatic 2455 P.S.I. **Final Hydrostatic** 2406 P.S.I. Maximum Temp. 121 F

Initial Opening	92 P.S.I. to 101 P.S.I.	from	3:15 pm	to	3:45 m	30 minutes
Initial Shut-in	357 P.S.I.	from	3:45 m	to	4:30 m	45 minutes
Final Opening	95 P.S.I. to 100 P.S.I.	from	4:30 m	to	5:30 m	60 minutes
Final Shut-in	585 P.S.I.	from	5:30 m	to	7:00 pm	90 minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
40	Mud			100	

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 — Safety Joint — Circulating Sub — Straddle —
Electronic Recorder No. 9495 Depth 4941 Extra Packer (3rd) — Hook Wall —
Bottom Recorder No 4337 Depth 4942 Extra Packer (4th) — Sampler —
Tool Operator Ron Smith Approved By —

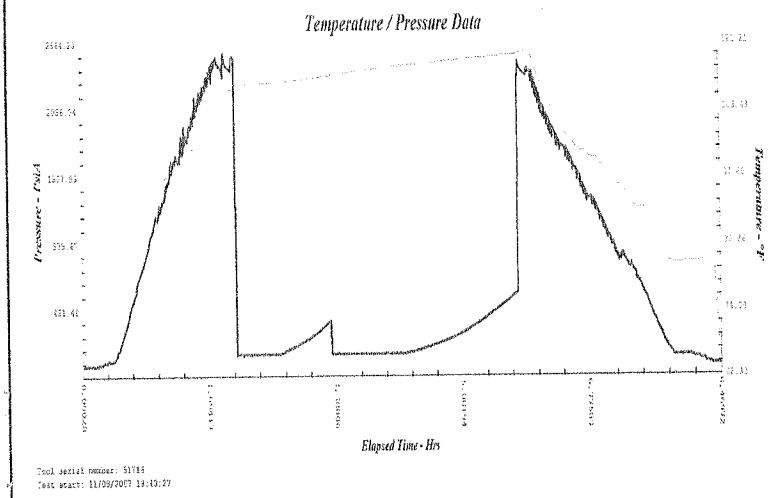
Ticket No. 15377

SUPERIOR TESTERS ENTERPRISES L.L.C.

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DRILL STEM TEST REPORT

GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2455
2	Initial Flow Pressure	92
3	Final Initial Flow Pressure	101
4	Initial Shut-In Pressure	357
5	Initial Final Flow Pressure	95
6	Final Flow Pressure	100
7	Final Shut-In Pressure	585
8	Final Hydrostatic Pressure	2406
	Maximum Temperature	121

GENERAL INFORMATION

COMPANY NAME ..... RTCHIE EXPLORATION INC

TEST DATE 11/9/07
SECTION-TOWN-RANGE 13-27-24
STATE ..... KANSAS
COUNTY ..... FORD
ELEVATION GROUND LEVEL 2432
COMPANY REPRESENTATIVE ..... MIKE

LEASE AND WELL NUMBER ..... SELLARD #1
FORMATION TESTED ..... CK MORROW
DRILL STEM TEST NUMBER 2
REPORT NUMBER 15377
ELEVATION KELLY BUSHINGS 2442
TESTING ENGINEER ..... DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4815
TEST INTERVAL (to) 4945
ANCHOR LENGTH 130
TOTAL DEPTH (ft) 4945

TOP PACKER DEPTH 4810
BOTTOM PACKER DEPTH 4815
NUMBER OF PACKERS 2
PACKER SIZE 6 3/4
HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 3:15
TOOL OPEN (to) 3:45
DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 3:45
TOOL CLOSED (to) 4:30
DURATION (min.) 45

FINAL OPEN

TOOL OPEN (from) 4:30
TOOL OPEN (to) 5:30
DURATION (min.) 60

FINAL SHUT-IN

TOOL CLOSED (from) 5:30
TOOL CLOSED (to) 7:00
DURATION (min.) 90

INITIAL FLOW — WEAK BULIDING BLOW BUILT TO 3 INCHS INTO WATER IN 30 MIN

FINAL FLOW — WEAK BUILDING BLOW BUILT TO 4 1/2 INCHES INTO WATER IN 60 MIN

Company: RTCHIE EXPLORATION INC. Lease & Well No. SELLARD#1 Test #: 2 Date: 11-9-07 SEC. 13 TWP. 27 RGE. 24

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME ..... RTCHIE EXPLORATION INC

TEST DATE	**11/9/07**	LEASE AND WELL NUMBER	**SELLARD#1**
SECTION-TOWN-RANGE	**13-27-24**	FORMATION TESTED	**CK MORROW**
STATE	**KANSAS**	DRILL STEM TEST NUMBER	**2**
COUNTY	**FORD**	REPORT NUMBER	**15377**
ELEVATION GROUND LEVEL	**2432**	ELEVATION KELLY BUSHINGS	**2442**
COMPANY REPRESENTATIVE	**MIKE**	TESTING ENGINEER	**DAVID NICHOLS**

EXTRA EQUIPMENT

		EXTRA PACKER (3RD)	**NO**
JARS	**NO**	EXTRA PACKER (4TH)	**NO**
SAFETY JOINT	**NO**	STRADDLE	**NO**
ELECTRONIC RECORDER	**NO**	HOOK WALL	**NO**
CIRCULATING SUB	**NO**	SAMPLER	**NO**
	MILES ROUND TRIP FROM	**GREAT BEND**	
TOP RECORDER DEPTH	**4941**	BOTTOM RECORDER DEPTH	**4942**
RECORDER NUMBER	**4023**	RECORDER NUMBER	**3088**

WELL INFORMATION

DRILLING CONTRACTOR ..... **VAL RIG#1**

DRILL PIPE LENGTH	**4749**	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	**5,000**	MUD WEIGHT #/GAL	**9**
CHLORIDES-DST		VISCOSITY	**48**
		WATER LOSS	**10**

COMMENTS

Superior Testers Enterprises L.L.C.

Drill Stem Test Report

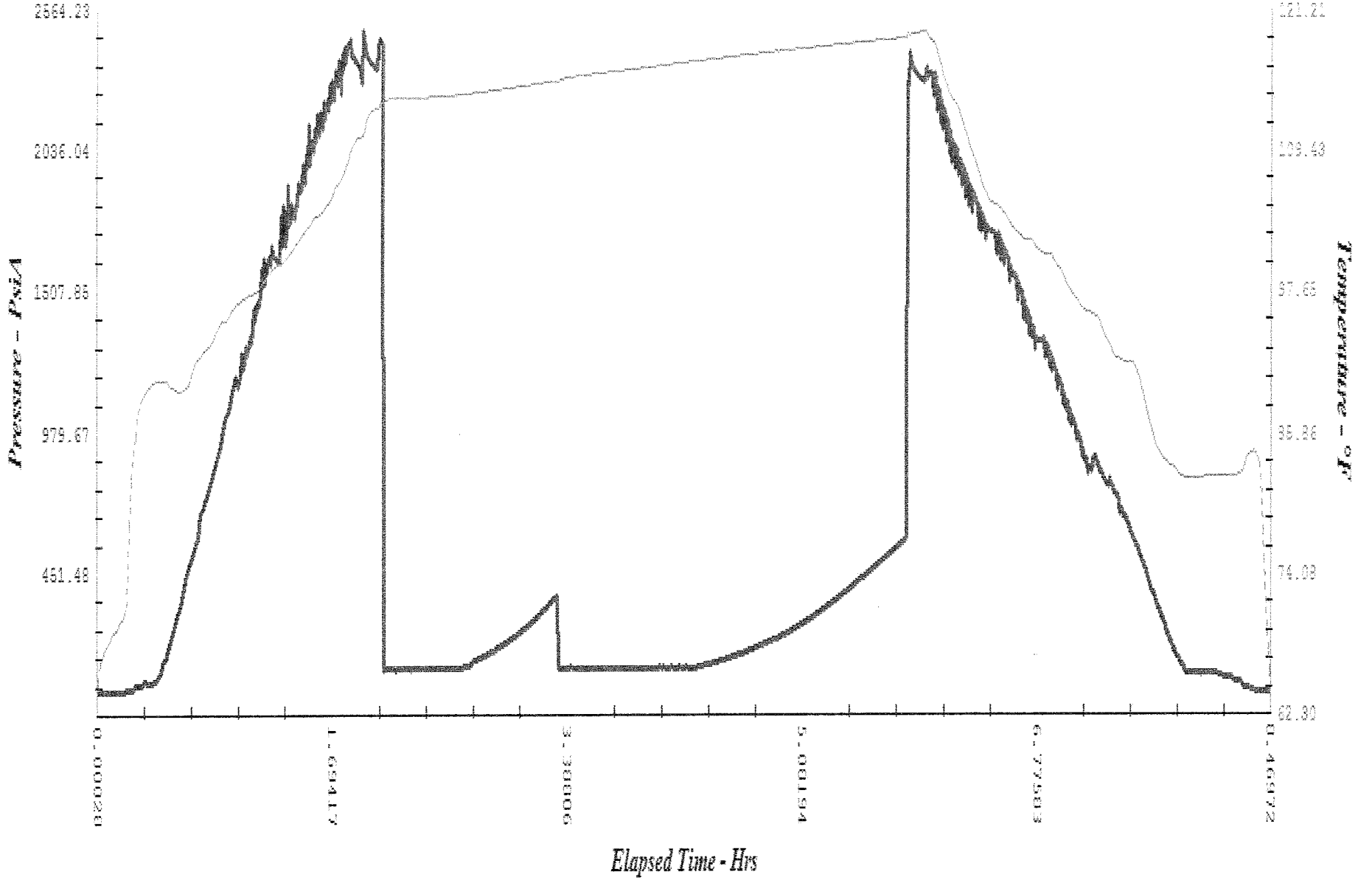
Recovery Sample Description

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	40	MUD			100%		0.5680
								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	0.5680	0.0000	
	2.25							0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
Total Recovery		40	Feet	Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.5680	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	0.5680	0.0000	0.5680
					Gas	Oil	Mud	Water	
				Gravity of Oil Corrected					
MUD WEIGHT #/GAL		9.0		Resistivity		ohms @		Degrees	
VISCOSITY		48		Recovery Chlorides		ppm			
WATER LOSS		10.0		Pit Chlorides	5,OOO	ppm			
				4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					

Temperature / Pressure Data



Tool serial number: 91716
Test start: 11/09/2007 19:43:27

RITCHIE EXPLORATION INC | 13-27-24 | SELLARD#1 | 11-9-07 | DST#2 | CK MORROW

Superior Testers Enterprises L.L.C.

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

Company Ritchie Exploration INC
Address Po 783188 Wichita KS 67278 3188
Lease & # Sellard #1 Sec. 13 Twp 27 Rng 24
Date 11 - 10 - 2007 County Ford Elevation 2432 G.L. 2442 K.B.
Drilling Contractor Val Rig #2
Drill Pipe Length 4871 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 XH
Drill Collar Length — I.D. of Drill Collars — Tool Joint Size —
Mud Weight 8.9 Viscosity 53 Filtrate 7.2 Chlorides-Pits 4,000 DST —
Top Packer Depth 4904 Bottom Packer Depth 4909 Number of Packers 2
Tested From 4909 **to** 5015 **Total Depth** 5015 **Anchor Length** 106
Hole Size 7 7/8
Test # 3 **Formation Tested** Mississippian
Initial Blow Weak Blow 1/2 into water in 30 min
Blow back on the 1st Shut-in No
Final Blow Weak Blow 1 inch into water in 45 min
Blow back on the 2nd Shut-in No
Initial Hydrostatic 2442 P.S.I. **Final Hydrostatic** 2390 P.S.I. Maximum Temp. 121 F

Initial Opening	79	P.S.I. to 90	P.S.I.	from 1:55 pm	to 2:25	m 30	minutes
Initial Shut-in	1271		P.S.I.	from 2:25	to 3:10	m 45	minutes
Final Opening	94	P.S.I. to 104	P.S.I.	from 3:10	to 3:55	m 45	minutes
Final Shut-in	1154		P.S.I.	from 3:55	to 4:55 pm	60	minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
60	Mud			100	

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 Ruined one packer

Extra Equipment-Jars — Safety Joint — Circulating Sub — Straddle —
Electronic Recorder No. 71484 Depth 5011 Extra Packer (3rd) — Hook Wall —
Bottom Recorder No 4337 Depth 5012 Extra Packer (4th) — Sampler —
Tool Operator Dan Mitchell Approved By —

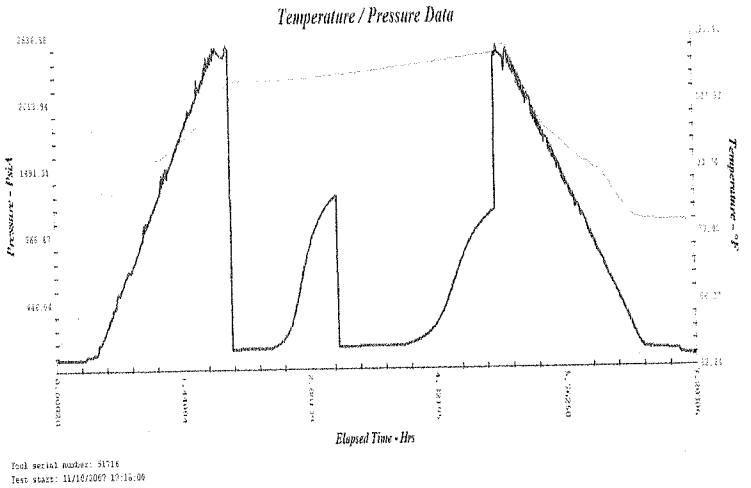
Ticket No. 15378

SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

DRILL STEM TEST REPORT

GREAT BEND,KANSAS 67530



1	Initial Hydrostatic Pressure	2442
2	Initial Flow Pressure	79
3	Final Initial Flow Pressure	90
4	Initial Shut-In Pressure	1271
5	Initial Final Flow Pressure	94
6	Final Flow Pressure	104
7	Final Shut-In Pressure	1154
8	Final Hydrostatic Pressure	2390
	Maximum Temperature	121

GENERAL INFORMATION

COMPANY NAME ..... RITCHIE EXPLORATION INC

TEST DATE 11/10/07

SECTION-TOWN-RANGE 13-27-24

STATE ..... KANSAS

COUNTY ..... FORD

ELEVATION GROUND LEVEL 2432

COMPANY REPRESENTATIVE ..... MIKE

LEASE AND WELL NUMBER ..... SELLARD#1

FORMATION TESTED ..... MISSISSIPPIAN

DRILL STEM TEST NUMBER 3

REPORT NUMBER 15378

ELEVATION KELLY BUSHINGS 2442

TESTING ENGINEER ..... DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 4909

TEST INTERVAL (to) 5015

ANCHOR LENGTH 106

TOTAL DEPTH (ft) 5015

TOP PACKER DEPTH 4904

BOTTOM PACKER DEPTH 4909

NUMBER OF PACKERS 2

PACKER SIZE 6 3/4

HOLE SIZE 7 7/8

FLOW TIMES

INITIAL OPEN

TOOL OPEN (from) 1:55

TOOL OPEN (to) 2:25

DURATION (min.) 30

INITIAL SHUT-IN

TOOL CLOSED (from) 2:25

TOOL CLOSED (to) 3:10

DURATION (min.) 45

FINAL OPEN

TOOL OPEN (from) 3:10

TOOL OPEN (to) 3:55

DURATION (min.) 45

FINAL SHUT-IN

TOOL CLOSED (from) 3:55

TOOL CLOSED (to) 4:55

DURATION (min.) 60

INITIAL FLOW WEAK BLOW BUILT TO 1`1/2 INTO WATER IN 30 MIN

FINAL FLOW WEAK BLOW BUILT TO 1 INCH INTO WATER IN 45 MIN

Company: RITCHIE EXPLORATION INC Lease & Well No. SELLARD#1 Test #: 3 Date: 11-10-07 SEC. 13 TWP. 27 RGE. 24

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 **11/10/07**
SECTION-TOWN-RANGE **13-27-24**
STATE ..... **KANSAS**
COUNTY ..... **FORD**
ELEVATION GROUND LEVEL **2432**
COMPANY REPRESENTATIVE ..... **MIKE**

LEASE AND WELL NUMBER ..... **SELLARD#1**
FORMATION TESTED ..... **MISSISSIPPIAN**
DRILL STEM TEST NUMBER 3
REPORT NUMBER **15378**
ELEVATION KELLY BUSHINGS **2442**
TESTING ENGINEER ..... **DAVID NICHOLS**

EXTRA EQUIPMENT

JARS ..... **NO**
SAFETY JOINT ..... **NO**
ELECTRONIC RECORDER ..... **NO**
CIRCULATING SUB ..... **NO**
MILES ROUND TRIP FROM
TOP RECORDER DEPTH **5011**
RECORDER NUMBER **4023**

EXTRA PACKER (3RD) ..... **NO**
EXTRA PACKER (4TH) ..... **NO**
STRADDLE ..... **NO**
HOOK WALL ..... **NO**
SAMPLER ..... **NO**
GREAT BEND
BOTTOM RECORDER DEPTH **5012**
RECORDER NUMBER **3088**

WELL INFORMATION

DRILLING CONTRACTOR ..... **VAL#1**
DRILL PIPE LENGTH **4891**
DRILL PIPE I.D. **3.8**
TOOL JOINT SIZE ..... **4 1/2 X.H.**

CHLORIDES-PITS **4,000**
CHLORIDES-DST .....

DRILL COLLAR LENGTH .....
DRILL COLLAR I.D. **2.25**
TOOL JOINT SIZE ..... **4 1/2 X.H.**

MUD WEIGHT #/GAL **8.9**
VISCOSITY **53**
WATER LOSS **7.2**

COMMENTS

Superior Testers Enterprises L.L.C.

Drill Stem Test Report

Recovery Sample Description

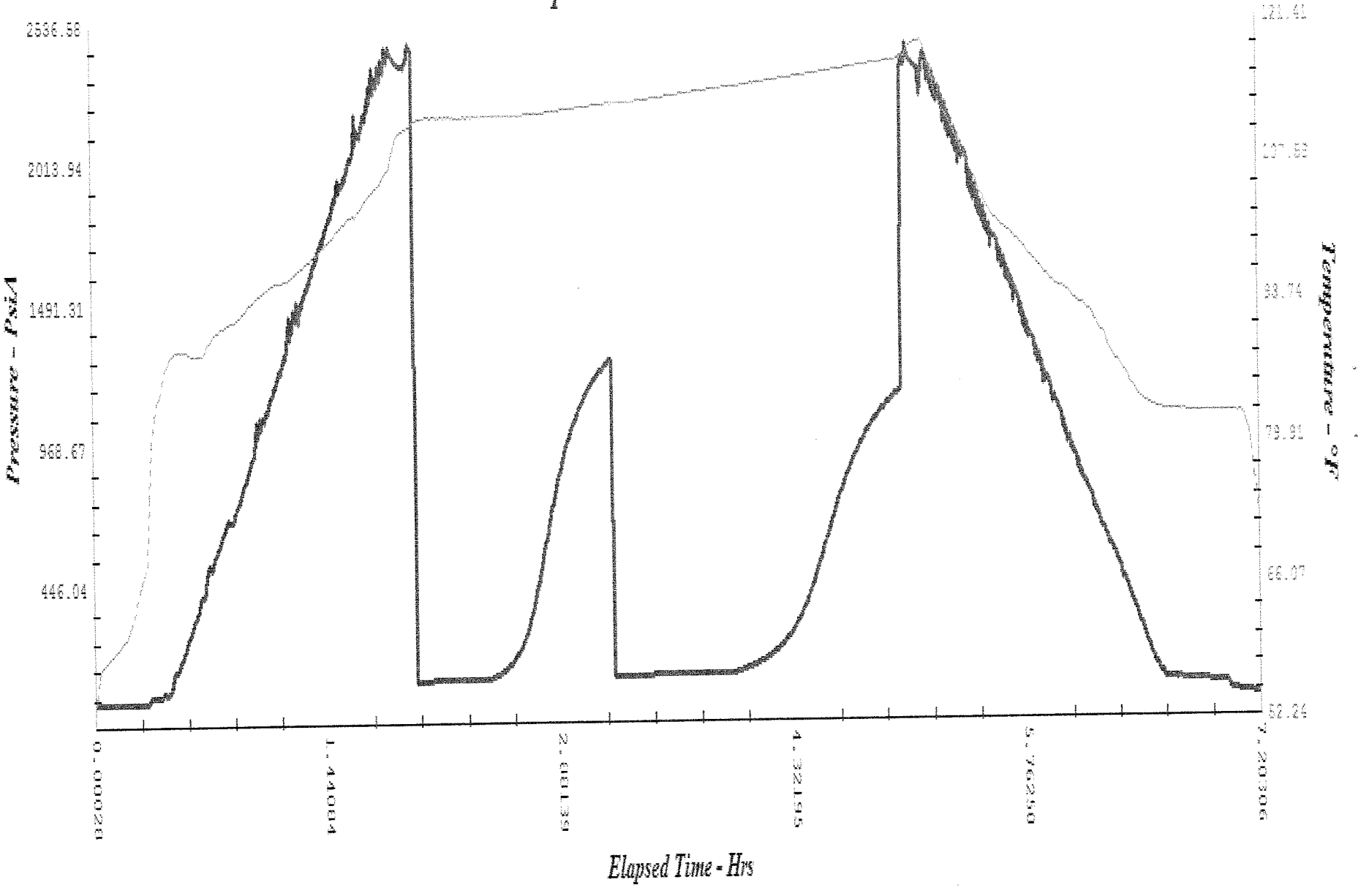
1-800-792-6902

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	60	MUD			100%		0.8520
								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	0.8520	0.0000	
	2.25							0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000
								0.0000

Total Recovery	60	Feet						
			Total bbls. Recovered From Drill Pipe	0.0000	0.0000	0.8520	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	0.8520	0.0000	0.8520
				Gas	Oil	Mud	Water	
			Gravity of Oil Corrected					
			Resistivity		ohms @		Degrees	
MUD WEIGHT #/GAL	8.9		Recovery Chlorides		ppm			
VISCOSITY	53		Pit Chlorides	4,000	ppm			
WATER LOSS	7.2		4 1/2 inch Drill Pipe 3.83 I.D. Drill Collars 2.25 I.D					

Temperature / Pressure Data



Tool serial number: 91716
Test start: 11/10/2007 17:15:00

RITCHIE EXPLORATION INC	13-27-24	SELLARD#1	11-10-07	DST#3	MISSISSIPPIAN