

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

15-009-25063

Company Reif Oil & Gas Company L.L.C.
 Address Po Box 298 Hoisington KS 67544
 Lease & # Wayne #4 Sec. 28 Twp 17 Rng 13
 Date 6-20-2007 County Barton Elevation 1957 G.L. 1962 K.B.
 Drilling Contractor Royal Rig #1
 Drill Pipe Length 3228 I.D. of Drill Pipe 3.50 Tool Joint Size 4 1/2 x H
 Drill Collar Length 180 I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 x H
 Mud Weight 8.9 Viscosity 48 Filtrate 10.8 Chlorides-Pits 5,000 DST
 Top Packer Depth 3421 Bottom Packer Depth 3426 Number of Packers 2
 Tested From 3426 to 3453 Total Depth 3453 Anchor Length
 Test # 1 Formation Tested ARBUCKLE Hole Size 7 7/8
 Initial Blow 7 inch into water in 10 min Bottom of Bucket in 20 min

Blow back on the 1st Shut-in Weak
 Final Blow Weak Building Blow Built to 7 inch in 20 min Bottom of Bucket in 40 min
 Blow back on the 2nd Shut-in NO
 Initial Hydrostatic 1737 P.S.I. Final Hydrostatic 1709 P.S.I. Maximum Temp. 109 F

Initial Opening	<u>42</u> P.S.I. to <u>111</u> P.S.I.	from	<u>3:15</u> A m to	<u>4:00</u> m	<u>45</u> minutes
Initial Shut-in	<u>657</u> P.S.I.	from	<u>4:00</u> m to	<u>4:30</u> m	<u>30</u> minutes
Final Opening	<u>112</u> P.S.I. to <u>152</u> P.S.I.	from	<u>4:30</u> m to	<u>5:15</u> m	<u>45</u> minutes
Final Shut-in	<u>621</u> P.S.I.	from	<u>5:15</u> m to	<u>6:00</u> A m	<u>45</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>120</u>	<u>oil</u>		<u>100</u>		
<u>180</u>	<u>mud cut oil</u>		<u>70</u>	<u>30</u>	
<u>60</u>	<u>oil cut Mud</u>		<u>25</u>	<u>75</u>	

Total Feet Recovered 300 Recovery Chlorides _____ Rw. _____ ohms @ _____ Degrees
 Gravity of oil 38 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. 91986 Depth 3451 Extra Packer (3rd) _____ Hook Wall _____
 Bottom Recorder No. 5263 Depth 3452 Extra Packer (4th) _____ Sampler _____
 Tool Operator David Nichols Approved By _____

Ticket No. 15140

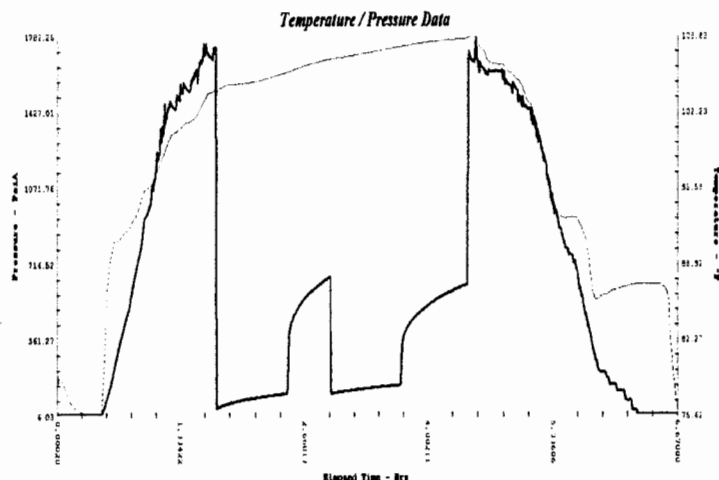
28-17-13W

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1(800)792-6902



1	Initial Hydrostatic Pressure	1737
2	Initial Flow Pressure	42
3	Final Initial Flow Pressure	111
4	Initial Shut-In Pressure	657
5	Initial Final Flow Pressure	112
6	Final Flow Pressure	152
7	Final Shut-In Pressure	621
8	Final Hydrostatic Pressure	1709

Maximum Temperature 109

GENERAL INFORMATION

COMPANY NAME RIEF OIL AND GAS COMPANY L.L.C

TEST DATE 6/20/07

SECTION-TOWN-RANGE 28-17-13

STATE KANSAS

COUNTY BARTON

ELEVATION GROUND LEVEL 1957

COMPANY REPRESENTATIVE JIM

LEASE AND WELL NUMBER WAYNE

FORMATION TESTED ARBUCKLE

DRILL STEM TEST NUMBER 1

REPORT NUMBER 15140

ELEVATION KELLY BUSHINGS 1962

TESTING ENGINEER DAVID NICHOLS

TOOL SETTING INFORMATION

TEST INTERVAL (From) 3426

TEST INTERVAL (to) 3455

ANCHOR LENGTH 29

TOTAL DEPTH (ft) 3455

TOP PACKER DEPTH 3421

BOTTOM PACKER DEPTH 3426

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) 4:00

DURATION (min.) 45

FINAL OPEN

TOOL OPEN (from) 4:30

TOOL OPEN (to) 5:15

DURATION (min.) 45

INITIAL SHUT-IN

TOOL CLOSED (from) 4:00

TOOL CLOSED (to) 4:30

DURATION (min.) 30

FINAL SHUT-IN

TOOL CLOSED (from) 5:15

TOOL CLOSED (to) 6:00

DURATION (min.) 45

INITIAL FLOW

FAIR BLOW BUILT TO BOTTOM OF BUCKET IN 20 MIN

FINAL FLOW

WEAK BUILDING BLOW BUILT TO BOTTOM OF BUCKET IN 40 MIN

TWP. 17 RGE. 13

Company: REAIF OIL AND GAS COMPANY L.L.C

Lease & Well No. WAYNE 4 Test #: 1 Date: 6-20-07

SEC. 28

SUPERIOR TESTERS ENTERPRISES L.L.C.

DRILL STEM TEST REPORT

GREAT BEND ,KANSAS 67530 (800)792-6902

GENERAL INFORMATION

COMPANY NAME	RIEF OIL AND GAS COMPANY L.L.C	LEASE AND WELL NUMBER	WAYNE
TEST DATE	6/20/07	FORMATION TESTED	ARBUCKLE
SECTION-TOWN-RANGE	28-17-13	DRILL STEM TEST NUMBER	1
STATE	KANSAS	REPORT NUMBER	15140
COUNTY	BARTON	ELEVATION KELLY BUSHINGS	1962
ELEVATION GROUND LEVEL	1957	TESTING ENGINEER	DAVID NICHOLS
COMPANY REPRESENTATIVE	JIM		

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
	25 MILES ROUND TRIP FROM	GREAT BEND	
TOP RECORDER DEPTH	3451	BOTTOM RECORDER DEPTH	3452
RECORDER NUMBER	91986	RECORDER NUMBER	3088

WELL INFORMATION

DRILLING CONTRACTOR	ROYAL	DRILL COLLAR LENGTH	180
DRILL PIPE LENGTH	3228	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.		

COMMENTS

Recovery Sample Description

Great Bend, Kansas 67530

[illegible]

Temperature / Pressure Data

