

15-009-25091

8-17s-11w

### Superior Testers Enterprises L.L.C.

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

Company R.J.M. OIL COMPANY, INC.  
 Address P.O. Box 285 CHAPIN, KS. 67525  
 Lease & # WONDRA Poppelreider #2 Sec. 8 Twp 17S Rng 11W  
 Date 9-5-2007 County BARTON Elevation 1876 G.L. 1887 K.B.  
 Drilling Contractor STERLING DRILLING, RIG #1  
 Drill Pipe Length 3265 I.D. of Drill Pipe \_\_\_\_\_ Tool Joint Size 4 1/2 X 4  
 Drill Collar Length \_\_\_\_\_ I.D. of Drill Collars \_\_\_\_\_ Tool Joint Size \_\_\_\_\_  
 Mud Weight 9.3 Viscosity 47 Filtrate 10.8 Chlorides-Pits 5,000 DST 1  
 Top Packer Depth 3281 Bottom Packer Depth 3286 Number of Packers 2  
 Tested From 3286 to 3334 Total Depth 3334 Anchor Length 48  
 Test # 1 Formation Tested ARBUCKLE Hole Size 7 7/8  
 Initial Blow FAIR BUILDUP BLOW, BUILT TO 4 INCHES INTO THE WATER IN 19 MINUTES Blow back on the 1st Shut-in No  
 Final Blow WEAK BLOW, 1 INCH INTO THE WATER THROUGHOUT THE ENTIRE OPERATIONS Blow back on the 2nd Shut-in No  
 Initial Hydrostatic 1689 P.S.I. Final Hydrostatic 1939-1553 P.S.I. Maximum Temp. \_\_\_\_\_ F.

Initial Opening <u>85</u> P.S.I. to <u>106</u> P.S.I.	from <u>9:45 a.m.</u> to <u>10:15 a.m.</u> <u>30</u> minutes
Initial Shut-in <u>1067</u> P.S.I.	from <u>10:15 a.m.</u> to <u>10:45 a.m.</u> <u>30</u> minutes
Final Opening <u>127</u> P.S.I. to <u>138</u> P.S.I.	from <u>10:45 a.m.</u> to <u>11:15 a.m.</u> <u>30</u> minutes
Final Shut-in <u>1099</u> P.S.I.	from <u>11:15 a.m.</u> to <u>12:00 p.m.</u> <u>45</u> minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>60</u>	<u>Clean Gassy</u>	<u>100%</u>			
<u>60</u>	<u>Mud Cut OIL</u>		<u>40%</u>	<u>60%</u>	
<u>60</u>	<u>Mud Cut OIL</u>		<u>40%</u>	<u>60%</u>	

Total Feet Recovered 180 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 Flushed the tool on the I.O. + F.O.

Extra Equipment-Jars No Safety Joint No Circulating Sub \_\_\_\_\_ Straddle \_\_\_\_\_  
 Electronic Recorder No. 91986 Depth 3330 Extra Packer (3rd) \_\_\_\_\_ Hook Wall \_\_\_\_\_  
 Bottom Recorder No. 4387 Depth 3331 Extra Packer (4th) \_\_\_\_\_ Sampler \_\_\_\_\_  
 Tool Operator Amful Approved By \_\_\_\_\_

Ticket No. 15578

# SUPERIOR TESTERS ENTERPRISES L.L.C.

1(800)792-6902

## DRILL STEM TEST REPORT

GREAT BEND, KANSAS 67530

1	Initial Hydrostatic Pressure	1639
2	Initial Flow Pressure	85
3	Final Initial Flow Pressure	106
4	Initial Shut-In Pressure	1067
5	Initial Final Flow Pressure	127
6	Final Flow Pressure	138
7	Final Shut-In Pressure	1099
8	Final Hydrostatic Pressure	<del>1099</del> 1553

Maximum Temperature

### GENERAL INFORMATION

COMPANY NAME ..... <b>RJM OIL COMPANY, INC.</b>	
TEST DATE ..... <b>9/5/07</b>	LEASE AND WELL NUMBER ..... <b>WONDRA-POPP #2</b>
SECTION-TOWN-RANGE ..... <b>8-17S-11W</b>	FORMATION TESTED ..... <b>ARBUCKLE</b>
STATE ..... <b>KANSAS</b>	DRILL STEM TEST NUMBER ..... <b>1</b>
COUNTY ..... <b>BARTON</b>	REPORT NUMBER ..... <b>15578</b>
ELEVATION GROUND LEVEL ..... <b>1878</b>	ELEVATION KELLY BUSHINGS ..... <b>1887</b>
COMPANY REPRESENTATIVE ..... <b>JIM MUSGROVE</b>	TESTING ENGINEER ..... <b>COREY FRENCH</b>

### TOOL SETTING INFORMATION

TEST INTERVAL (From) ..... <b>3286</b>	TOP PACKER DEPTH ..... <b>3281</b>
TEST INTERVAL (to) ..... <b>3334</b>	BOTTOM PACKER DEPTH ..... <b>3286</b>
ANCHOR LENGTH ..... <b>48</b>	NUMBER OF PACKERS ..... <b>2</b>
TOTAL DEPTH (ft) ..... <b>3334</b>	PACKER SIZE ..... <b>6 3/4</b>
	HOLE SIZE ..... <b>7 7/8</b>

### FLOW TIMES

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

### INITIAL FLOW

FAIR BUILDING BLOW, BUILT TO 4 INCHES INTO THE WATER IN 19 MINUTES

### FINAL FLOW

WEAK BLOW, 1 INCH INTO THE WATER THROUGHOUT THE ENTIRE OPENING

Company: RJM OIL COMPANY, INC. Lease & Well No. WONDRA-POPP#REITER #2 Test #: 1 Date: 9-5-07  
 SEC. 8 TWP. 17S RGE. 11W

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

**DRILL STEM TEST REPORT**

**GREAT BEND, KANSAS 67530 (800)792-6902**

**GENERAL INFORMATION**

COMPANY NAME .....	<b>RJM OIL COMPANY, INC.</b>	LEASE AND WELL NUMBER .....	<b>WONDRA-POPPELREITER#2</b>
TEST DATE .....	<b>9/5/07</b>	FORMATION TESTED .....	<b>ARBUCKLE</b>
SECTION-TOWN-RANGE .....	<b>8-17S-11W</b>	DRILL STEM TEST NUMBER .....	<b>1</b>
STATE .....	<b>KANSAS</b>	REPORT NUMBER .....	<b>15578</b>
COUNTY .....	<b>BARTON</b>	ELEVATION KELLY BUSHINGS .....	<b>1887</b>
ELEVATION GROUND LEVEL .....	<b>1878</b>	TESTING ENGINEER .....	<b>COREY FRENCH</b>
COMPANY REPRESENTATIVE .....	<b>JIM MUSGROVE</b>		

**EXTRA EQUIPMENT**

JARS .....	<b>NO</b>	EXTRA PACKER (3RD) .....	<b>NO</b>
SAFETY JOINT .....	<b>NO</b>	EXTRA PACKER (4TH) .....	<b>NO</b>
ELECTRONIC RECORDER .....	<b>NO</b>	STRADDLE .....	<b>NO</b>
CIRCULATING SUB .....	<b>NO</b>	HOOK WALL .....	<b>NO</b>
		SAMPLER .....	<b>NO</b>
	<b>28 MILES ROUND TRIP FROM</b>	<b>GREAT BEND</b>	
TOP RECORDER DEPTH .....	<b>3330</b>	BOTTOM RECORDER DEPTH .....	<b>3331</b>
RECORDER NUMBER .....	<b>4023</b>	RECORDER NUMBER .....	<b>3088</b>

**WELL INFORMATION**

DRILLING CONTRACTOR .....	<b>STERLING DRILLING RIG #1</b>	DRILL COLLAR LENGTH .....	
DRILL PIPE LENGTH .....	<b>3265</b>	DRILL COLLAR I.D. ....	<b>2.25</b>
DRILL PIPE I.D. ....	<b>3.8</b>	TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>
TOOL JOINT SIZE .....	<b>4 1/2 X.H.</b>		
CHLORIDES-PITS .....	<b>5,000</b>	MUD WEIGHT #/GAL .....	<b>9.3</b>
CHLORIDES-DST .....		VISCOSITY .....	<b>47</b>
		WATER LOSS .....	<b>10.8</b>

**COMMENTS**

THE TOOL WAS FLUSHED ON BOTH THE INITIAL OPENING AND FINAL OPENING.

