

## **GENERAL INFORMATION**

### **Client Information:**

Company: RJM COMPANY

Contact: CHRIS HOFFMAN

Phone: Fax: e-mail:

### **Site Information:**

Contact: JIM MUSGROVE

Phone: Fax: e-mail:

### **Well Information:**

Name: PFMK #1

Operator: RJM COMPANY

Location-Downhole:

Location-Surface: 9S/16S/19W

### **Test Information:**

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST #1 CONVENTIONAL

Job Number: D1353

Test Unit:

Start Date: 2013/08/30

Start Time: 13:30:00

End Date: 2013/08/30

End Time: 19:40:00

Report Date: 2013/08/30

Prepared By: JOHN RIEDL

### **Remarks:**

Qualified By: JIM MUSGROVE

RECOVERY: 120' GAS IN PIPE, ~~70'~~ SLIGHTLY GAS CUT MUDDY OIL





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: STC/Pfortmillerknoll1dst1

TIME ON: 13:30 8/30/13  
TIME OFF: 19:40 8/30/13

Company RJM COMPANY Lease & Well No. Pfort/MILLER/KNOLL #1  
Contractor SOUTHWIND RIG #3 Charge to RJM COMPANY  
Elevation \_\_\_\_\_ Formation \_\_\_\_\_ LKC Effective Pay \_\_\_\_\_ Ft. Ticket No. D1353  
Date 8304/13 Sec. 9 Twp. 16 S Range 19 W County RUSH State KANSAS  
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 3377 ft. to 3411 ft. Total Depth 3411 ft.

Packer Depth 3372 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3377 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3380 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3408 ft. Recorder Number 11073 Cap. 4000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 64 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.

Weight 9 Water Loss 8.7 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.

Chlorides 5,000 P.P.M. Drill Pipe Length 3355 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number NOT REQUESTED Test Tool Length 20 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 34 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (UILDING THROUGHOUT TO 1") NO BB

2nd Open: STRONG (8") NO BB

Recovered 120 ft. of GIP

Recovered 65 ft. of SLGCMO (10%GAS 25%MUD 65%OIL)

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: TOTAL FLUID RECOVERY: 65' IN DRILL PIPE

TOOL SAMPLE GRINDOUT: 5%GAS 20% MUD 75%OIL)

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 3:10 P.M. A.M. P.M. Time Started Off Bottom 6:10 P.M. A.M. P.M. Maximum Temperature 111

Initial Hydrostatic Pressure..... (A) 1574 P.S.I.

Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 23 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 790 P.S.I.

Final Flow Period..... Minutes 60 (E) 26 P.S.I. to (F) 36 P.S.I.

Final Closed In Period..... Minutes 60 (G) 929 P.S.I.

Final Hydrostatic Pressure..... (H) 1557 P.S.I.

Diamond Testing shall not be liable for damages 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 statement or opinion concerning the result 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.



PFMK #1

