

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: PFORTMILLER/KNOLL #1

Operator: RJM COMPANY

Location-Downhole:

Location-Surface: S9/16S/19W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: JIM MUSGROVE

Test Type: DST #4 CONVENTIONAL

Job Number: D1356

Test Unit:

Start Date: 2013/09/01

Start Time: 16:30:00

End Date: 2013/09/01

End Time: 22:30:00

Report Date: 2013/09/01

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 1500' SULFUR WATER



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Pfortmillerknoll1dst4

TIME ON: 16:30 9/01/13
TIME OFF: 22:30 9/01/13

Company RJM COMPANY Lease & Well No. PFOITMILLER/KNOLL #1
Contractor SOUTHWIND RIG #3 Charge to RJM COMPANY
Elevation _____ Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D1356
Date 9/01/31 Sec. 9 Twp. 16 S Range 19 W County RUSH State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative JOHN RIEDL

Formation Test No. 4 Interval Tested from 3611 ft. to 3701 ft. Total Depth 3701 ft.

Packer Depth 3606 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3611 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3614 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3698 ft. Recorder Number 11073 Cap. 4000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 60 Drill Collar Length _____ ft. I.D. 2 1/4 in.

Weight 9 Water Loss 8.5 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.

Chlorides 6,000 P.P.M. Drill Pipe Length 3591 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 90 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 60' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 2 MINUTES) NO BB

2nd Open: STRONG (B.O.B 2 MINUTES) NO BB

Recovered 1500 ft. of SULFUR WATER

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 500' IN DRILL PIPE

TOOL SAMPLE GRINDOUT: 100% WATER

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 5:35 P.M. A.M. P.M. Time Started Off Bottom 7:35 P.M. A.M. P.M. Maximum Temperature 122

Initial Hydrostatic Pressure..... (A) 1748 P.S.I.

Initial Flow Period..... Minutes 15 (B) 118 P.S.I. to (C) 294 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 1126 P.S.I.

Final Flow Period..... Minutes 30 (E) 332 P.S.I. to (F) 654 P.S.I.

Final Closed In Period..... Minutes 45 (G) 1110 P.S.I.

Final Hydrostatic Pressure..... (H) 1718 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.

PFORTMILLER/KNOLL #1

