

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 #1 CONVENTIONAL Job Number: D1353
Test Unit:
Start Date: 2013/08/31 Start Time: 02:15:00
End Date: 2013/08/31 End Time: 07:10:00
Report Date: 2013/08/31 Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 8' OIL SPECKED DRILLING MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Pfortmillerknoll1dst2

TIME ON: 02:15 8/31/13
TIME OFF: 07:30 8/31/13

Company RJM COMPANY Lease & Well No. PFOITMILLER/KNOLL #1
Contractor SOUTHWIND RIG #3 Charge to RJM COMPANY
Elevation _____ Formation _____ LKC Effective Pay _____ Ft. Ticket No. D1354
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. 2 Interval Tested from 3410 ft. to 3446 ft. Total Depth 3446 ft.

Packer Depth 3405 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3410 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3413 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3443 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 3390 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 36 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 DEAD IN 10 MIN.

2nd Open: NO BLOW

Recovered 8 ft. of OIL SPECKED MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 8' IN DRILL PIPE

TOOL SAMPLE GRINDOUT: 100% MUD

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 3:34 A.M. A.M. P.M. Time Started Off Bottom 5:34 A.M. A.M. P.M. Maximum Temperature 108

Initial Hydrostatic Pressure..... (A) 1591 P.S.I.

Initial Flow Period..... Minutes 30 (B) 15 P.S.I. to (C) 17 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 875 P.S.I.

Final Flow Period..... Minutes 30 (E) 19 P.S.I. to (F) 18 P.S.I.

Final Closed In Period..... Minutes 30 (G) 695 P.S.I.

Final Hydrostatic Pressure..... (H) 1569 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

