

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 #1CONVENTIONAL

Job Number: D1355

Test Unit:

Start Date: 2013/08/31

Start Time: 23:30:00

End Date: 2013/09/01

End Time: 04:30:00

Report Date: 2013/09/01

Prepared By: JOHN RIEDL

Remarks:

Qualified By: JIM MUSGROVE

RECOVERY: 30' OIL SPECKED MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Pfortmillerknoll1dst3

TIME ON: 11:30 8/31/13
TIME OFF: 04:30 9/1/31

Company RJM COMPANY Lease & Well No. PFORTMILLER/KNOLL #1
Contractor SOUTHWIND RIG #3 Charge to RJM COMPANY
Elevation _____ Formation _____ LKC Effective Pay _____ Ft. Ticket No. D1355
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. 3 Interval Tested from 3490 ft. to 3620 ft. Total Depth 3620 ft.

Packer Depth 3485 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3490 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3493 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3617 ft. Recorder Number 11073 Cap. 4000 P.S.I.

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

Mud Type CHEMICAL Viscosity 62 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 8,000 P.P.M. Drill Pipe Length 3470 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 130 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 94' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK (BUILT THROUGHOUT TO 1")

2nd Open: WEAK (1/2" DECREASING TO A SURFACE BLOW)

Recovered 30 ft. of OIL SPECKED DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 30' IN DRILL PIPE

TOOL SAMPLE GRINDOUT: 100% MUD

Price Job

Other Charges

Insurance

Total

Time Set Packer(s) 12:20 A.M. A.M. P.M. Time Started Off Bottom 3:20 A.M. A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1686 P.S.I.

Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 745 P.S.I.

Final Flow Period..... Minutes 45 (E) 20 P.S.I. to (F) 22 P.S.I.

Final Closed In Period..... Minutes 60 (G) 638 P.S.I.

Final Hydrostatic Pressure..... (H) 1663 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

