

GENERAL INFORMATION

Client Information:

Company: RJM COMPANY
Contact: CHRIS HOFFMAN
Phone: Fax: e-mail:

Site Information:

Contact: WYATT URBAN
Phone: Fax: e-mail:

Well Information:

Name: G MILLER #1
Operator: RJM COMPANY
Location-Downhole:
Location-Surface: S21/18S/13W

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: WYATT URBAN
Test Type: DST #3 CONVENTIONAL Job Number: D1375
Test Unit:
Start Date: 2013/09/24 Start Time: 16:30:00
End Date: 2013/09/24 End Time: 22:20:00
Report Date: 2013/09/24 Prepared By: JOHN RIEDL
Qualified By: WYATT URBAN

Remarks:

RECOVERY: 89' GAS IN PIPE, 290' GAS CUT MUDDY OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: STC/Gmiller1dst3

TIME ON: 16:30 9/24/13
TIME OFF: 22:20 9/24/13

Company RJM COMPANY Lease & Well No. G. MILLER #1
Contractor ROYAL DRILLING RIG #2 Charge to RJM COMPANY COMPANY
Elevation 1814 K.B Formation ARBUCKLE Effective Pay _____ Ft. Ticket No. D1375
Date 9/24/13 Sec. 21 Twp. 18 S Range 13 W County BARTON State KANSAS
Test Approved By WYATT URBAN Diamond Representative JOHN RIEDL

Formation Test No. 3 Interval Tested from 3267 ft. to 3324 ft. Total Depth 3324 ft.

Packer Depth 3262 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 3267 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3270 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3321 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 0 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 5,000 P.P.M. Drill Pipe Length 3247 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 57 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 30' DRILL PIPE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 15 MIN.) WEAK BB

2nd Open: STRONG)B.O.B 28 MIN.)

Recovered 80 ft. of GIP

Recovered 290 ft. of GMO (15%GAS 30%MUD 55%OIL) 37 GRAVITY

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY:290' IN DRILL PIPE

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

Time Set Packer(s) 5:45 P.M A.M. P.M. Time Started Off Bottom 8:30 P.M A.M. P.M. Maximum Temperature 112

Initial Hydrostatic Pressure..... (A) 1580 P.S.I.

Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 81 P.S.I.

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

Final Flow Period..... Minutes 45 (E) 87 P.S.I. to (F) 134 P.S.I.

Final Closed In Period..... Minutes 60 (G) 828 P.S.I.

Final Hydrostatic Pressure..... (H) 1552 P.S.I.

Price Job
Other Charges
Insurance
Total

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.

G MILLER #1

