

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Mathias1dst1

Company Webco Oil Company, Inc. Lease & Well No. Mathias No. 1
Elevation 1904 KB Formation Lansing "G" Effective Pay _____ Ft. Ticket No. J3194
Date 3-7-14 Sec. 12 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Wyatt Urban Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,127 ft. to 3,147 ft. Total Depth 3,147 ft.
Packer Depth 3,122 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,127 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,130 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,144 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length _____ ft I.D. _____ in.
Mud Type Chemical Viscosity 50 Weight Pipe Length _____ ft I.D. _____ in.
Weight 8.9 Water Loss 8.0 cc. Drill Pipe Length 3,107 ft I.D. 3 1/2 in.
Chlorides 2,000 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 20 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 1 in. blow decreasing to a surface blow. No blow back during shut-in.

2nd Open: Fair blow increasing to 4 ins. No blow back during shut-in.

Recovered 130 ft. of gas in pipe
Recovered 50 ft. of slightly oil & gas cut mud = .711500 bbls. (Grind out: 10%-gas; 3%-oil; 87%-mud)
Recovered 50 ft. of TOTAL FLUID = .711500 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 4%-oil; 96%-mud

Time Set Packer(s) 9:10 A.M. Time Started off Bottom 11:55 A.M. Maximum Temperature 100°
Initial Hydrostatic Pressure.....(A) 1492 P.S.I.
Initial Flow Period.....Minutes 30 (B) 15 P.S.I. to (C) 21 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 443 P.S.I.
Final Flow Period.....Minutes 60 (E) 24 P.S.I. to (F) 35 P.S.I.
Final Closed In Period.....Minutes 45 (G) 436 P.S.I.
Final Hydrostatic Pressure.....(H) 1479 P.S.I.

GENERAL INFORMATION

Client Information:

Company: WEBCO

Contact: NICK WEBER

Phone: Fax: e-mail:

Site Information:

Contact: WYATT URBAN

Phone: Fax: e-mail:

Well Information:

Name: MATHIAS #1

Operator: WEBCO

Location-Downhole:

Location-Surface: S12/16S/12W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: WYATT URBAN

Test Type: DST #1 CONVENTIONAL Job Number: J3194

Test Unit:

Start Date: 2014/03/07 Start Time: 07:40:00

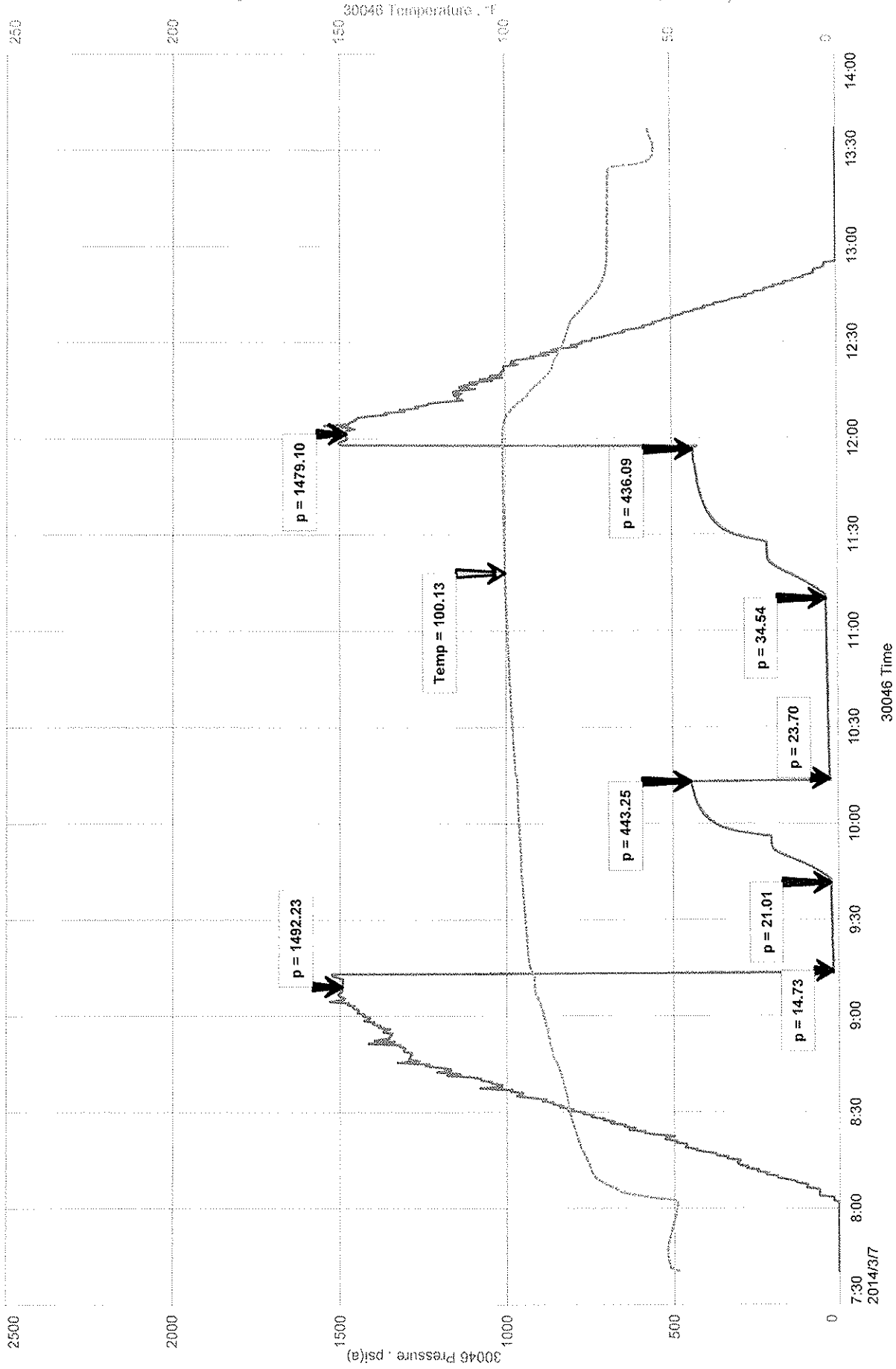
End Date: 2014/03/07 End Time: 13:30:00

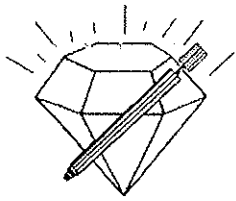
Report Date: 2014/03/07 Prepared By: JOHN RIEDL

Remarks: Qualified By: WYATT URBAN

RECOVERY: 130' GAS IN PIPE, 50' SLIGHTLY OIL+GAS CUT MUD

MATHIAS #1





DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC/Mathias1dst2

Company Webco Oil Company, Inc. Lease & Well No. Mathias No. 1
Elevation 1904 KB Formation Lansing "H" - "J" Effective Pay _____ Ft. Ticket No. J3195
Date 3-8-14 Sec. 12 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Wyatt Urban Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,202 ft. to 3,275 ft. Total Depth 3,275 ft.
Packer Depth 3,197 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,202 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,205 ft. Recorder Number 30046 Cap. 6,000 psi.
Bottom Recorder Depth (Outside) 3,272 ft. Recorder Number 13498 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 55 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,182 ft. I.D. 3 1/2 in.
Chlorides 3,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 73 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 1/2 in. blow decreasing to 1/4 in. No blow back during shut-in.
2nd Open: Very weak, 1/4 in. blow. Died in 20 mins. No blow back during shut-in.

Recovered 20 ft. of oil specked drilling mud = .284600 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 3:30 A.M. Time Started off Bottom 6:00 A.M. Maximum Temperature 96°
Initial Hydrostatic Pressure.....(A) 1535 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 470 P.S.I.
Final Flow Period.....Minutes 45 (E) 17 P.S.I. to (F) 21 P.S.I.
Final Closed In Period.....Minutes 45 (G) 451 P.S.I.
Final Hydrostatic Pressure.....(H) 1522 P.S.I.

GENERAL INFORMATION

Client Information:

Company: WEBCO
Contact: NICK WEBER
Phone: Fax: e-mail:

Site Information:

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

Well Information:

Name: MATHIAS #1
Operator: WEBCO
Location-Downhole:
Location-Surface: S12/16S/12W

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: WYATT URBAN
Test Type: DST #2 CONVENTIONAL Job Number: J3195
Test Unit:
Start Date: 2014/03/08 Start Time: 02:20:00
End Date: 2014/03/08 End Time: 07:40:00
Report Date: 2014/03/08 Prepared By: JOHN RIEDL
Remarks: Qualified By: WYATT URBAN

RECOVERY: 20' OIL SPECKED DRILLING MUD

MATHIAS #1

