



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313

TIME ON: 01:25
 TIME OFF: 08:55

DRILL-STEM TEST TICKET
 FILE: MCMILLIAN1DST3

Company Blue Ridge Petroleum Corp. Lease & Well No. McMillian #1-14
 Contractor Southwind Drlg Rig # 3 Charge to B.R.P.C.
 Elevation 1484' KB Formation Hunton Effective Pay _____ Ft. Ticket No. F473
 Date 3/13/17 Sec. 14 Twp. 23 S Range 4 W County Reno State KANSAS
 Test Approved By Jim Musgrove Diamond Representative Jake Fahrenbruch

Formation Test No. 3 Interval Tested from 3603 ft. to 3617 ft. Total Depth 3617 ft.
 Packer Depth 3598 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3603 SH ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3590 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3591 ft. Recorder Number 5586 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 (2# LCM) Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.6 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 1,780 P.P.M. Drill Pipe Length 3,578 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number Shale Packer Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? ----- Reversed Out ----- Anchor Length 14 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: Strong blow @ BOB in 25 seconds. Blowback @ 2".
 2nd Open: Strong blow @ BOB in 30 Seconds. Blowback @ 7".

Recovered 60 ft. of SOCMW 3% oil, 52% wtr, 45% mud
 Recovered 180 ft. of SOS SMCW <1% oil, >90% wtr, 9% mud
 Recovered 2,745 ft. of Salt Water 100% wtr

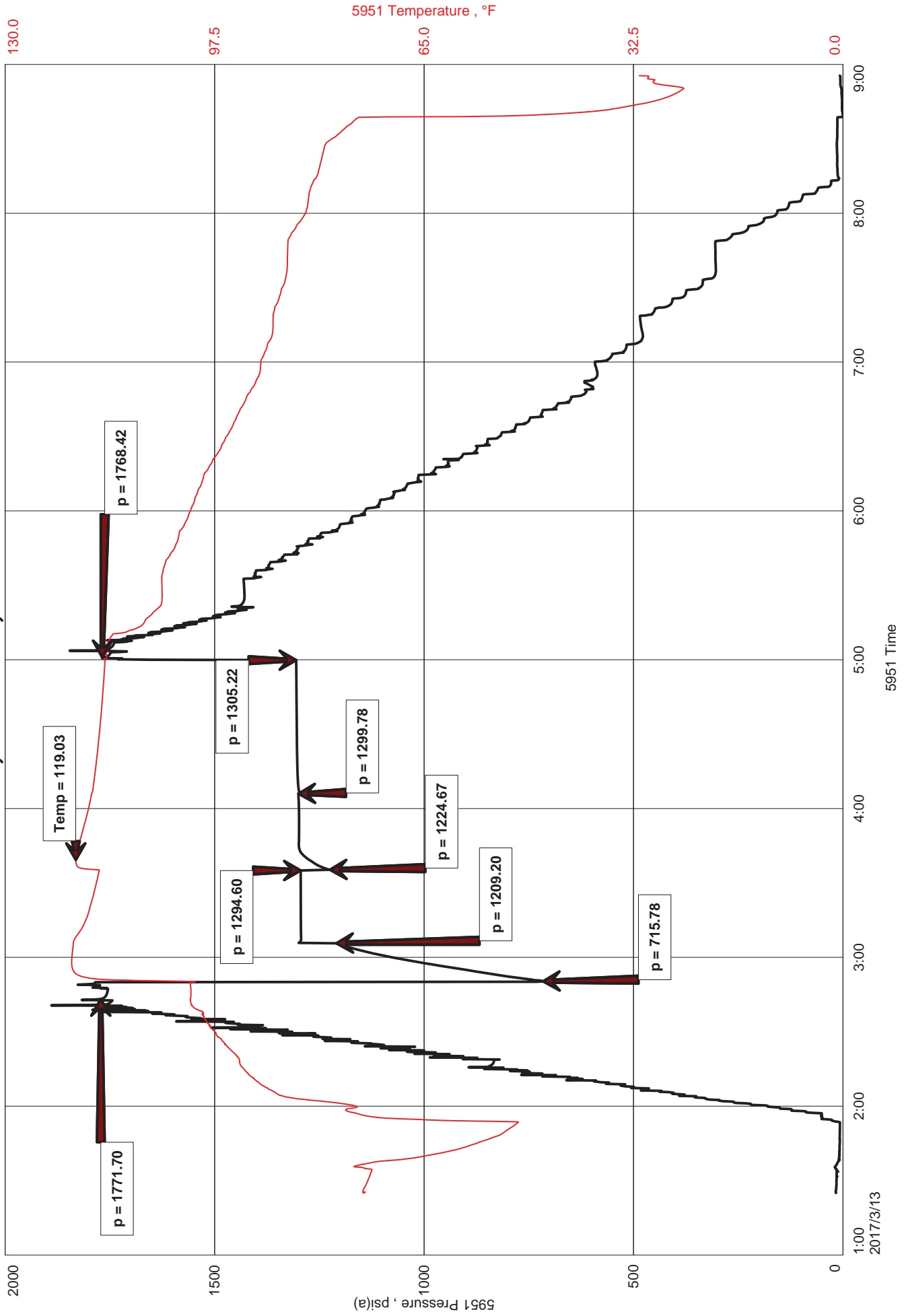
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of TOTAL RECOVERED FLUID: 2985'	Insurance
Remarks: <u>Chlorides: 83,000 PPM</u>	
<u>RW: .22 ohm @ 30 F</u>	
<u>PH: 7.0</u>	Total

Time Set Packer(s) 02:50 A.M. P.M. Time Started Off Bottom 04:50 A.M. P.M. Maximum Temperature 119 F

Initial Hydrostatic Pressure..... (A) 1772 P.S.I.
 Initial Flow Period..... Minutes 15 (B) 716 P.S.I. to (C) 1209 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 1295 P.S.I.
 Final Flow Period..... Minutes 30 (E) 1225 P.S.I. to (F) 1300 P.S.I.
 Final Closed In Period..... Minutes 45 (G) 1305 P.S.I.
 Final Hydrostatic Pressure..... (H) 1768 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.

McMILLIAN #1-14, DST #3, HUNTON 3603'-3617'





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 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
 DRILL-STEM TEST TICKET
 FILE: MCMILLIAN1DST3

ON LOCATION: _____
 START RECORDERS: 01:25
 STOP RECORDERS: 08:55

Company BLUE RIDGE PETRO. CORP. Lease & Well No. MCMILLIAN #1-14
 Contractor SOUTHWIND DRLL. REG #3 Charge to B. R. P. C.
 Elevation 1484' KB Formation HUNTON Effective Pay _____ Ft. Ticket No. F473
 Date 3/13/17 Sec. 14 Twp. 23S Range 4W County RENO State KS
 Test Approved By JIM MUSGROVE Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 3 Interval Tested from 3603 ft. to 3617 ft. Total Depth 3617 ft.
 Packer Depth 3598 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3603 SH ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3590 ft. Recorder Number 5951 Cap. 5000 P.S.I.
 Bottom Recorder Depth (Outside) 3591 ft. Recorder Number 5586 Cap. 5000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 (2" LCM) Drill Collar Length _____ ft. I.D. 2 1/4 in.
 Weight 9.6 Water Loss 8.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
 Chlorides 1780 P.P.M. Drill Pipe Length 3578 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number SHALE PACKER Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? _____ Reversed Out _____ Anchor Length 14 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: STRONG BLOW @ BOB IN 25 SECONDS. BLOWBACK @ 2"
 2nd Open: STRONG BLOW @ BOB IN 30 SECONDS. BLOWBACK @ 7"

Recovered 60 ft. of SOC MW 3" oil, 52" Wt, 45" mud
 Recovered 180 ft. of SOS SMCW 41" oil, 790" Wt, 9" mud
 Recovered 2745 ft. of SALT WATER 100" Wt

Recovered _____ ft. of _____
 Recovered _____ ft. of TOTAL RECOVERED FLUID: 2,985' Price Job _____
 Recovered _____ ft. of _____ Other Charges _____
 Remarks CHLORIDES: 83,000 PPM SHALE PACKER
RW: .22 u @ 30°F 142 MRT (PRATT)
PH: 7.0 Total _____

Time Set Packer(s) 02:50 A.M. P.M. Time Started Off Bottom 04:50 A.M. P.M. Maximum Temperature 119°F

Initial Hydrostatic Pressure _____ (A) 1772 P.S.I.
 Initial Flow Period _____ Minutes 15 (B) 716 P.S.I. to (C) 1209 P.S.I.
 Initial Closed In Period _____ Minutes 30 (D) 1295 P.S.I.
 Final Flow Period _____ Minutes 30 (E) 1225 P.S.I. to (F) 1300 P.S.I.
 Final Closed In Period _____ Minutes 45 (G) 1305 P.S.I. THANKS!
 Final Hydrostatic Pressure _____ (H) 1768 P.S.I. Jake Fahrenbruch

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DIAMOND TESTING GENERAL REPORT

Jake Fahrenbruch, Tester

Cell: (620) 282-8977 / Office: (800) 542-7313



TEST INFORMATION

Well Name	McMillian #1-14
Company Name	Blue Ridge Petroleum Corp.
Formation	DST #3, Hunton 3603'-3617'
Test Type	Bottom-Hole w/Shale Packer
Surface Location	Sec 14-23s-4w-Reno Co.-KS
KB Elevation (SL)	1484.000
Gauge Name	5951
Start Test Date	2017/03/13
Start Test Time	01:25:00
Final Test Date	2017/03/13
Final Test Time	08:55:00
Job Number	F473
Contact	Jonathan Allen
Site Contact	Jim Musgrove

TEST RESULTS

Initial flow, strong blow @ BOB in 25 seconds. Blowback @ 2".
 Final flow, strong blow @ BOB in 30 seconds. Blowback @ 7".

TOTAL RECOVERED FLUID: 2,985'

60' SOCMW 3% oil, 52% wtr, 45% mud

180' SOS SMCW <1% oil, >90% wtr, 9% mud

2745' Salt Water

Chlorides: 83,000 PPM ----- RW: .22 ohm @ 30 F ----- PH: 7.0

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