



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

TIME ON: 09:11  
 TIME OFF: 15:40

**DRILL-STEM TEST TICKET**  
 FILE: MCMILLIAN1DST1

Company Blue Ridge Petroleum Corp. Lease & Well No. McMillian #1-14  
 Contractor Southwind Drg Rig # 3 Charge to B.R.P.C.  
 Elevation 1484' KB Formation Mississippi Effective Pay \_\_\_\_\_ Ft. Ticket No. F471  
 Date 3/11/17 Sec. 14 Twp. 23 S Range 4 W County Reno State KANSAS  
 Test Approved By Jim Musgrove Diamond Representative Jake Fahrenbruch

Formation Test No. 1 Interval Tested from 3268 ft. to 3307 ft. Total Depth 3307 ft.  
 Packer Depth 3263 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3268 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3276 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3277 ft. Recorder Number 5586 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 44 (4# LCM) Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 1,800 P.P.M. Drill Pipe Length 3,248 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 39 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 2.5 minutes. No BB.  
 2nd Open: Strong blow @ BOB in 3.25 minutes. No BB.

Recovered 190 ft. of MCW 80% wtr, 20% mud

Recovered 1,210 ft. of Salt Water 100% wtr

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of **TOTAL RECOVERED FLUID: 1,400'**

Recovered \_\_\_\_\_ ft. of No G.I.P.

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: Chlorides: 185,000 PPM

RW: .10 ohm @ 36 F

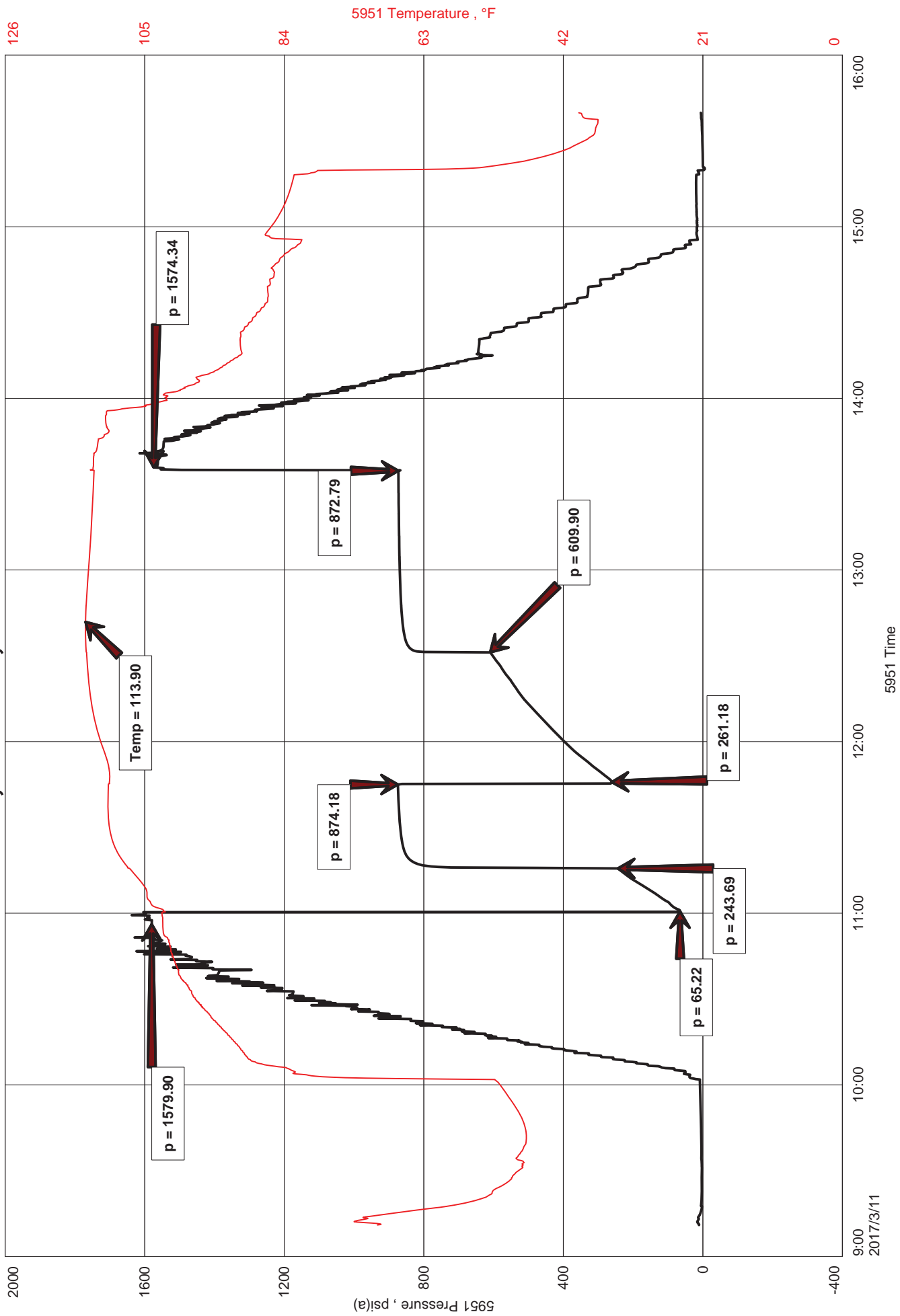
PH: 7.0

Time Set Packer(s) 11:00 A.M. P.M. Time Started Off Bottom 13:30 A.M. P.M. Maximum Temperature 114 F

Initial Hydrostatic Pressure..... (A) 1580 P.S.I.  
 Initial Flow Period..... Minutes 15 (B) 65 P.S.I. to (C) 244 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 874 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 261 P.S.I. to (F) 610 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 873 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1574 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 #1, MISSISSIPPI 3268'-3307'







**DIAMOND TESTING**  
 P. O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: McMILLIAN 1051

ON LOCATION: 07:30  
 START RECORDERS: 09:11  
 STOP RECORDERS: 15:40

Company BLUE RIDGE PETRO. CORP. Lease & Well No. McMILLIAN #1-14  
 Contractor SOUTHWIND DRIG REG #3 Charge to B. R. P. C.  
 Elevation 1484' KB Formation MISSISSIPPI Effective Pay \_\_\_\_\_ Ft. Ticket No. F471  
 Date 3-11-17 Sec. 14 Twp. 23 S Range 4W County RENO State KS  
 Test Approved By JIM MUSBROVE Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 1 Interval Tested from 3268 ft. to 3307 ft. Total Depth 3307 ft.  
 Packer Depth 3263 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 3268 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
 Top Recorder Depth (Inside) 3276 ft. Recorder Number 5951 Cap. 5000 P.S.I.  
 Bottom Recorder Depth (Outside) 3277 ft. Recorder Number 5584 Cap. 5000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 44 (4# LCM) Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 9.3 Water Loss 9.6 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 1800 P.P.M. Drill Pipe Length 3248 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number \_\_\_\_\_ Test Tool Length 20 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length 39 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ALL HERE Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG BLOW @ B.O.B. IN 2 1/2 MIN. NO B.B.  
 2nd Open: STRONG BLOW @ B.O.B. IN 3 1/4 MIN. NO B.B.

Recovered 190 ft. of MCW 80' WTR 20' MUD  
 Recovered 1210 ft. of SALT WATER 100' WTR

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of TOTAL RECOVERED FLUID: 1400' Price Job \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of NO G.I.P. Other Charges \_\_\_\_\_

Remarks: CHLORIDES: 185,000 PPM  
RW: .10 @ 36°F  
PH: 7.0  
 Total 142 MRT (PRMT)

Time Set Packer(s) 11:00 A.M. P.M. Time Started Off Bottom 13:30 A.M. P.M. Maximum Temperature 114°F

Initial Hydrostatic Pressure \_\_\_\_\_ (A) 1580 P.S.I.  
 Initial Flow Period \_\_\_\_\_ Minutes 15 (B) 65 P.S.I. to (C) 244 P.S.I.  
 Initial Closed In Period \_\_\_\_\_ Minutes 30 (D) 874 P.S.I.  
 Final Flow Period \_\_\_\_\_ Minutes 45 (E) 261 P.S.I. to (F) 610 P.S.I.  
 Final Closed In Period \_\_\_\_\_ Minutes 60 (G) 873 P.S.I. THANKS!  
 Final Hydrostatic Pressure \_\_\_\_\_ (H) 1574 P.S.I. Jake Fahrenbruch

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.

# DIAMOND TESTING GENERAL REPORT

**Jake Fahrenbruch, Tester**

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



## TEST INFORMATION

<b>Well Name</b>	McMillian #1-14
<b>Company Name</b>	Blue Ridge Petroleum Corp.
<b>Formation</b>	DST #1, Mississippi 3268'-3307'
<b>Test Type</b>	Bottom-Hole w/no extra equip.
<b>Surface Location</b>	Sec 14-23s-4w-Reno Co.-KS
<b>KB Elevation (SL)</b>	1484.000
<b>Gauge Name</b>	5951
<b>Start Test Date</b>	2017/03/11
<b>Start Test Time</b>	09:11:00
<b>Final Test Date</b>	2017/03/11
<b>Final Test Time</b>	15:40:00
<b>Job Number</b>	F471
<b>Contact</b>	Jonathan Allen
<b>Site Contact</b>	Jim Musgrove

## TEST RESULTS

Initial flow, strong blow BOB in 2.5 minutes. No BB.  
 Final flow, strong blow BOB in 3.25 minutes. No BB.

**TOTAL RECOVERED FLUID: 1,400'**

- 190' MCW 80% wtr, 20% mud
- 1210' Salt Water 100% wtr
- Chlorides: 185,000 PPM
- RW: .10 ohm @ 36 F
- PH: 7.0
- NO G.I.P.

## McMILLIAN #1-14, DST #1, MISSISSIPPI 3268'-3307'

