



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

TIME ON: 12:49
 TIME OFF: 18:54

DRILL-STEM TEST TICKET
 FILE: MCMILLIAN1DST2

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. F472
 Date 3/12/17 Sec. 14 Twp. 23 S Range 4 W County Reno State KANSAS
 Test Approved By Jim Musgrove Diamond Representative Jake Fahrenbruch

Formation Test No. 2 Interval Tested from 3603 ft. to 3610 ft. Total Depth 3610 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 7 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: Weak blow, increased to 2". No blowback.
 2nd Open: No blow, increased to a weak surface blow. No blowback.

Recovered 5 ft. of Drilling mud 100% mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of (Oil spots in tools.)
 Recovered _____ ft. of _____

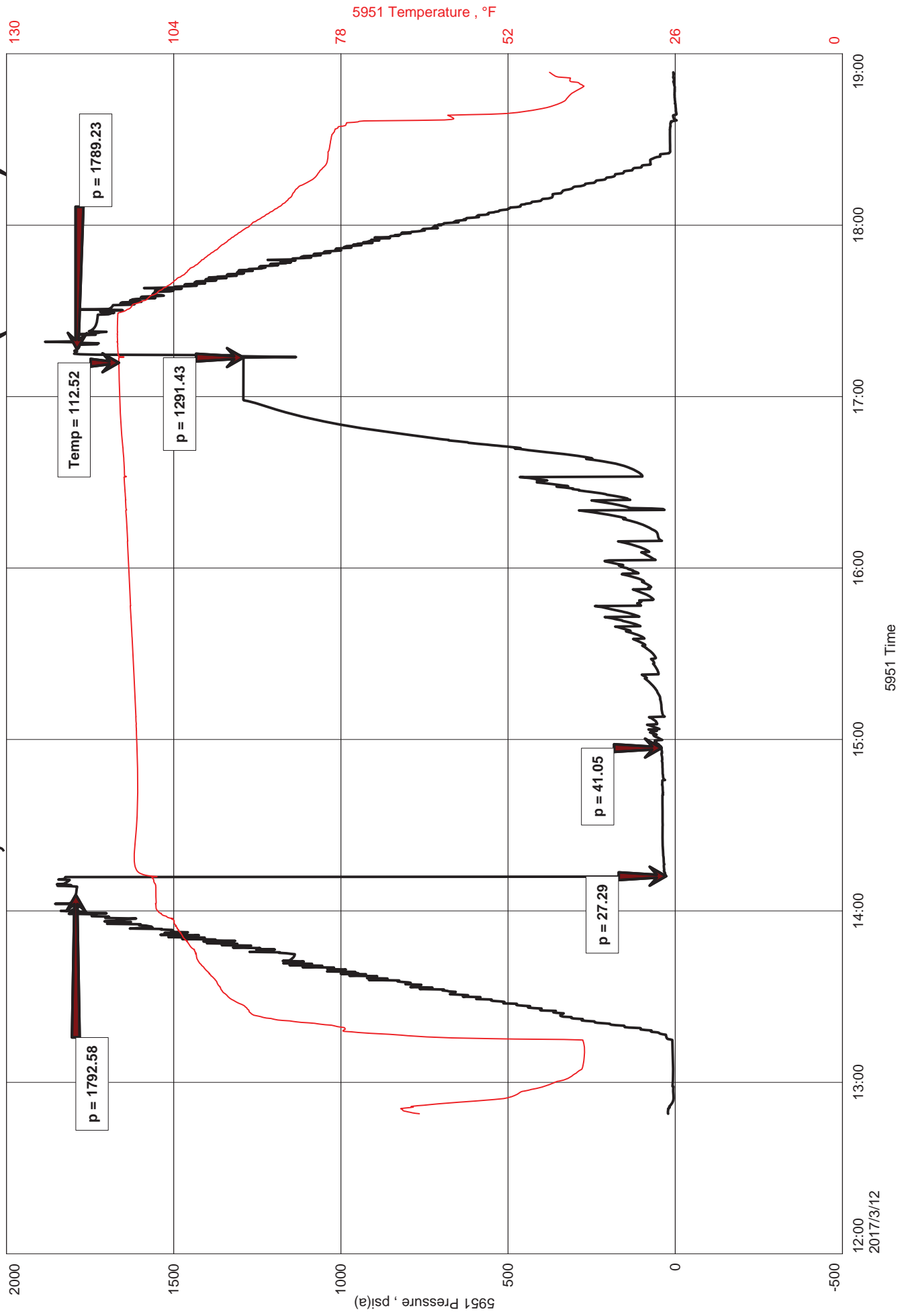
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Mis-run, suspect bad o-ring in shut in tool.</u>	Insurance
	Total

Time Set Packer(s) 14:15 A.M. P.M. Time Started Off Bottom 17:15 A.M. P.M. Maximum Temperature 113 F

Initial Hydrostatic Pressure..... (A) 1793 P.S.I.
 Initial Flow Period..... Minutes 45 (B) 27 P.S.I. to (C) 41 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) _____ P.S.I.
 Final Flow Period..... Minutes 45 (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1291 P.S.I.
 Final Hydrostatic Pressure..... (H) 1789 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 #2 HUNTON 3603'-3610' (MIS-RUN)





DIAMOND TESTING

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

DRILL-STEM TEST TICKET
FILE: McMILLIAN 1DSTZ

ON LOCATION:	<u>12:10</u>
START RECORDERS:	<u>12:49</u>
STOP RECORDERS:	<u>18:54</u>

Company BLUE RIDGE PETRO. CORP. Lease & Well No. McMILLIAN #1-14
 Contractor SOUTHWIND DRILL RIG #3 Charge to B.R.P.C.
 Elevation 1484' KB Formation HUNTON Effective Pay _____ Ft. Ticket No. F472
 Date 3/12/17 Sec. 14 Twp. 23S Range 4W County RENO State KS
 Test Approved By JIM MUSGROVE Diamond Representative JAKE FAHRENBRUCH

Formation Test No. 2 Interval Tested from 3003 ft. to 3610 ft. Total Depth 3610 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 50 (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 7 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: WEAK BLOW, INCREASED TO 2". NO B.B.
 2nd Open: NO BLOW, INCREASED TO WEAK SURFACE BLOW, NO B.B.

Recovered 5 ft. of DRILL MUD 100" MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of (OIL SPOTS IN TOOLS)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: Mis-Run, suspect bad o-ring in shut in tool. SHALE PACKER
142 MRT (PRATT)
 Total _____

Time Set Packer(s) 14:15 A.M. P.M. Time Started Off Bottom 17:15 A.M. P.M. Maximum Temperature 113°F

Initial Hydrostatic Pressure..... (A) 1793 P.S.I.
 Initial Flow Period..... Minutes 45 (B) 27 P.S.I. to (C) 41 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) _____ P.S.I.
 Final Flow Period..... Minutes 45 (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1291 P.S.I. THANKS!
 Final Hydrostatic Pressure..... (H) 1789 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

Well Name	McMillian #1-14
Company Name	Blue Ridge Petroleum Corp.
Formation	DST #2, Hunton 3603'-3610'
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	2017/03/12
Start Test Time	12:49:00
Final Test Date	2017/03/12
Final Test Time	18:54:00
Job Number	F472
Contact	Jonathan Allen
Site Contact	Jim Musgrove

TEST RESULTS

Initial flow, weak blow, increased to 2". No blowback.
 Final flow, no blow, increased to a weak surface blow. No blowback.

MIS-RUN

Recovered 5' of drilling mud, 100% mud. (Oil spots in tools)

McMILLIAN #1-14, DST #2 HUNTON 3603'-3610' (MIS-RUN)

