

# DIAMOND TESTING, LLC

TESTER : TIM VENTERS  
CELL # 620-388-6333

## General Information

Company Name	BEREXCO, LLC	BRETT BLAZER	Job Number	T573
Contact		MWC #1-9	Representative	TIM VENTERS
Well Name		DST #3, ST. LOUIS, 5575-5598	Well Operator	BEREXCO, LLC
Unique Well ID		SEC 9-29S-40W, STANTON CO. KS.	Report Date	2016/11/23
Surface Location			Prepared By	TIM VENTERS
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

## Test Information

Test Type	CONVENTIONAL
Formation	DST #3, ST. LOUIS, 5575-5598
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2016/11/22	Start Test Time	14:40:00
Final Test Date	2016/11/23	Final Test Time	02:39:00

Gauge Name	5504
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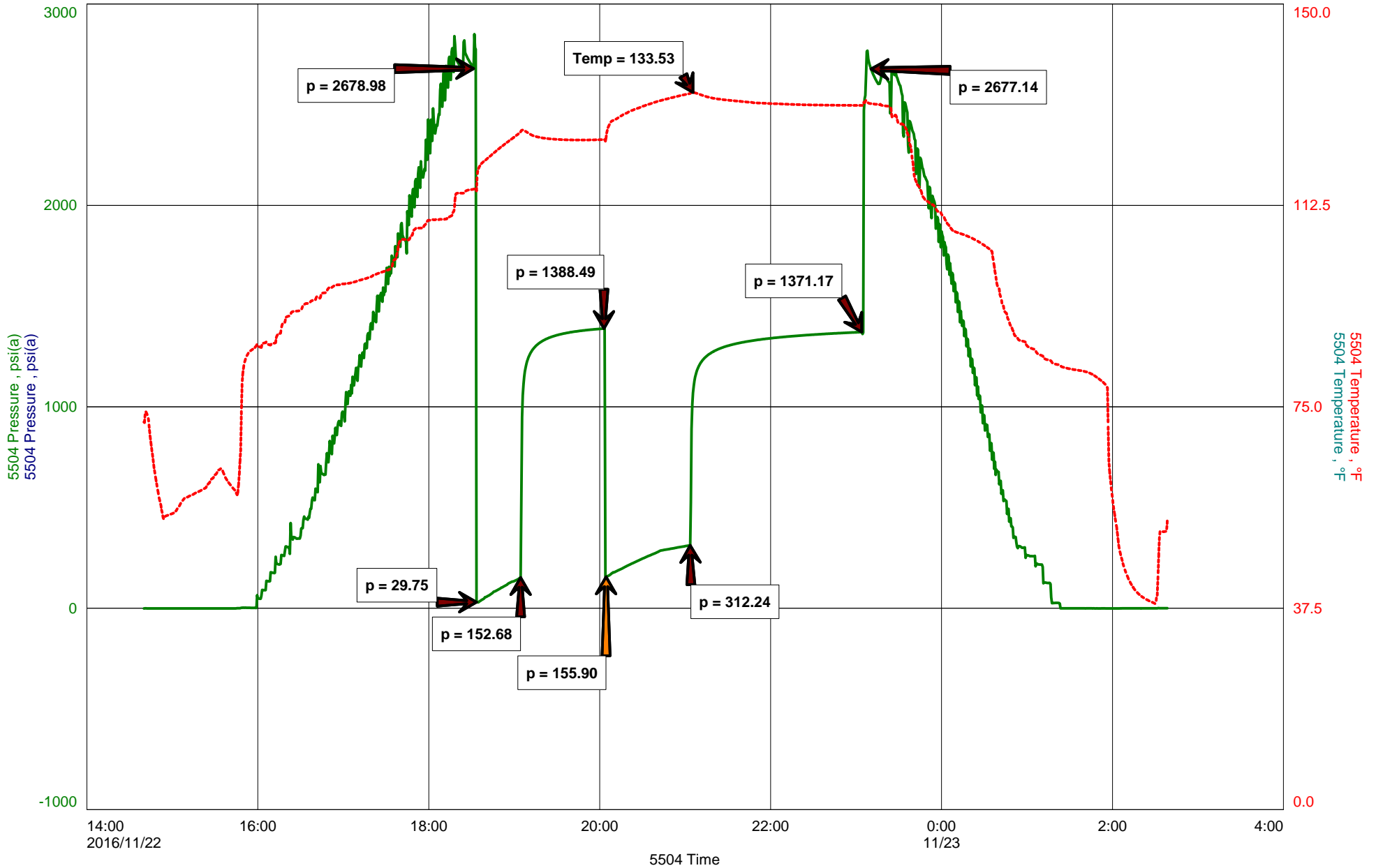
## Test Results

RECOVERED: 60' SWCM W/TR. O, TRACE OIL <1%, 2% WATER, 98% MUD  
175' SWCM, 2% WATER, 98% MUD  
175' HWCM, 48% WATER, 52% MUD  
265' SMCW, 93% WATER, 7% MUD  
675' TOTAL FLUID

TOOL SAMPLE: TRACE OIL <1%, 67% WATER, 33% MUD

CHLORIDES: 14,000 ppm  
PH: 7.0  
RW: .53 @ 57 deg.

# MWC #1-9





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: MWC1-9DST3

TIME ON: 14:40 11-22-16  
TIME OFF: 02:39 11-23-16

Company BOREXCO, LLC Lease & Well No. MWC #1-9  
Contractor BEREDCO, LLC RIG #1 Charge to BOREXCO, LLC  
Elevation 3296 KB Formation ST. LOUIS Effective Pay \_\_\_\_\_ Ft. Ticket No. T573  
Date 11-22-16 Sec. 9 Twp. 29 S Range 40 W County STANTON State KANSAS  
Test Approved By ED GRIEVES Diamond Representative TIM VENTERS

Formation Test No. 3 Interval Tested from 5575 ft. to 5598 ft. Total Depth 5598 ft.  
Packer Depth 5570 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 5575 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 5556 ft. Recorder Number 5504 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 5595 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 613 ft. I.D. 2 1/4 in.  
Weight 9.25 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 3,950 P.P.M. Drill Pipe Length 4929 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 4, 1SP Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 23 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 SURFACE BLOW, BUILDING TO 6 INCHES. (NO BB)  
2nd Open: VERY WEAK SURFACE BLOW, BUILDING TO 9 1/2 INCHES. ( NO BB)

Recovered 60 ft. of SWCM W/TR. O, TRACE OIL, <1%, 2% WATER, 98% MUD  
Recovered 175 ft. of SWCM, 2% WATER, 98% MUD  
Recovered 175 ft. of HWCM, 48% WATER, 52% MUD  
Recovered 265 ft. of SMCW, 93% WATER, 7% MUD

Recovered <u>675</u> ft. of <u>TOTAL FLUID</u> CHLORIDES: <u>14,000</u> ppm	Price Job
Recovered _____ ft. of _____ PH: <u>7.0</u>	Other Charges
Remarks: _____ RW: <u>.53 @ 57 deg.</u>	Insurance
TOOL SAMPLE: <u>TRACE OIL &lt;1%, 67% WATER, 33% MUD</u>	Total

Time Set Packer(s) 6:33 PM A.M. P.M. Time Started Off Bottom 11:03 PM A.M. P.M. Maximum Temperature 134 deg.

Initial Hydrostatic Pressure..... (A) 2679 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 30 P.S.I. to (C) 153 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 1388 P.S.I.  
Final Flow Period..... Minutes 60 (E) 156 P.S.I. to (F) 312 P.S.I.  
Final Closed In Period..... Minutes 120 (G) 1371 P.S.I.  
Final Hydrostatic Pressure..... (H) 2677 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.