

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	BEREXCO, LLC	BRETT BLAZER	Job Number	T586
Contact		LOVE #1-18	Representative	TIM VENTERS
Well Name		DST #5, ST. LOUIS, 5505-5530	Well Operator	BEREXCO, LLC
Unique Well ID		SEC 18-30S-40W, STANTON CO. KS.	Report Date	2017/01/12
Surface Location			Prepared By	TIM VENTERS
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	STRADDLE
Formation	DST \$5, ST. LOUIS, 5505-5530
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2017/01/11	Start Test Time	16:43:00
Final Test Date	2017/01/12	Final Test Time	07:59:00

Gauge Name	5504
------------	------

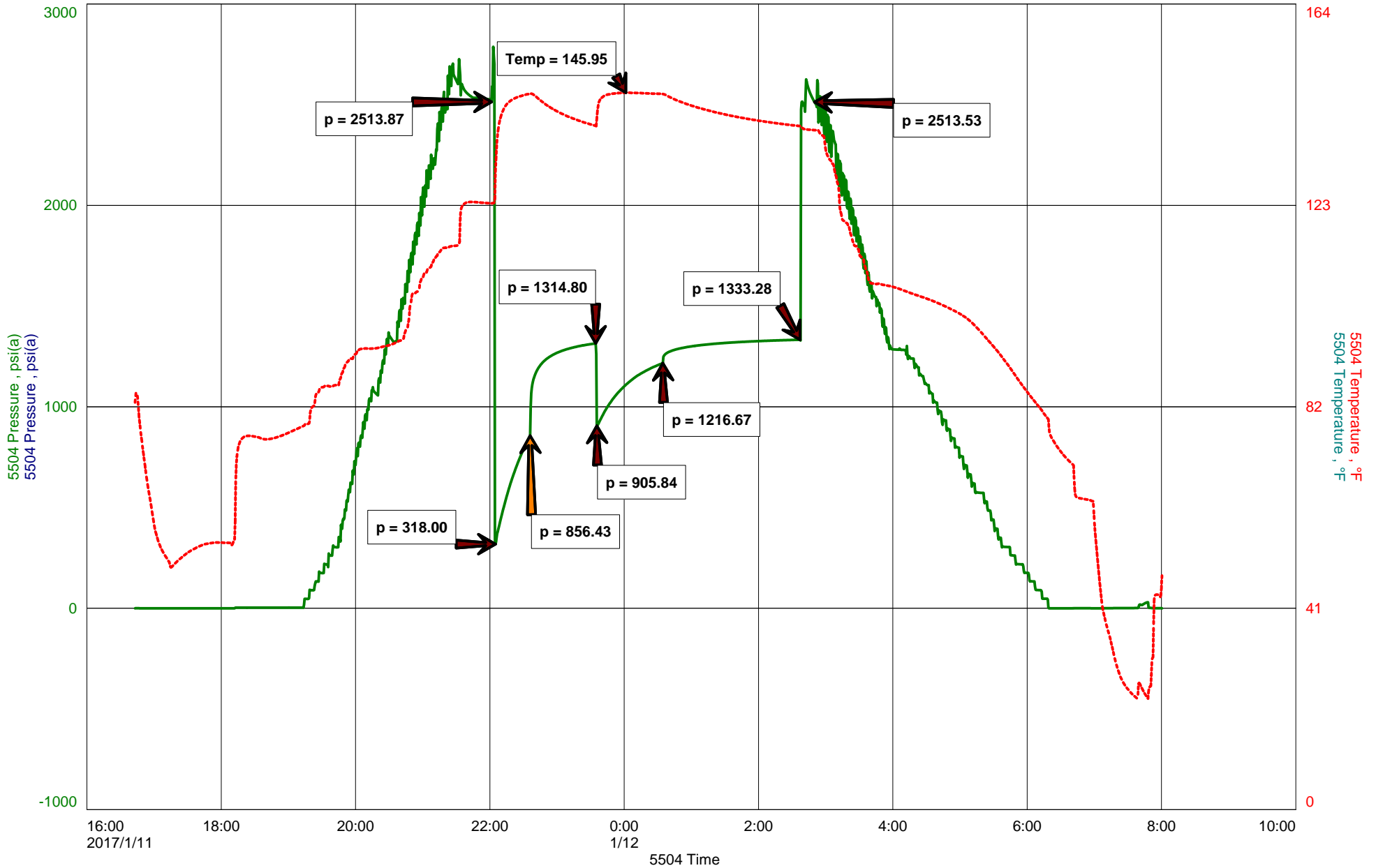
Test Results

RECOVERED: 665' GAS IN PIPE
285' WCM W/O SCUM, 4% OIL SCUM, 20% WATER, 76% MUD
285' SMCW, W/O SCUM, 4% OIL SCUM, 83% WATER, 11% MUD
2060' GW, 1% GAS, 99% WATER
2630' TOTAL FLUID

TOOL SAMPLE: 97% WATER, 3% MUD

CHLORIDES: 29,000 ppm
PH: 5.5
RW: .40 @ 46 deg.

LOVE #1-18





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: LOVE1-18DST5

TIME ON: 16:43 1-11-17
TIME OFF: 07:59 1-12-17

Company BEREXCO, LLC Lease & Well No. LOVE #1-18
Contractor BEREDCO, LLC RIG #1 Charge to BEREXCO, LLC
Elevation 3329 KB Formation ST. LOUS Effective Pay _____ Ft. Ticket No. T586
Date 1-11-17 Sec. 18 Twp. 30 S Range 40 W County STANTON State KANSAS
Test Approved By ED GRIEVES Diamond Representative TIM VENTERS

Formation Test No. 5 Interval Tested from 5505 ft. to 5530 ft. Total Depth 5695 LTD ft.
Packer Depth 5500 ft. Size 6 3/4 in. Packer depth 5530 ft. Size 6 3/4 in.
Packer Depth 5505 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 5486 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 5527 ft. Recorder Number 13819 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth 5692 ft. Recorder Number 11029 Cap. 5,025 P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 633 ft. I.D. 2 1/4 in.
Weight 8.95 Water Loss 8.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 600 P.P.M. Drill Pipe Length 4839 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 25 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 4 INCH BLOW, BUILDING, REACHING BOB 45 SEC. (4" BB)
2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REACHING BOB 4 1/2 MIN. (2 1/2" BB)

Recovered 665 ft. of GAS IN PIPE
Recovered 285 ft. of WCM W/O SCUM, 4% OIL SCUM, 20% WATER, 76% MUD
Recovered 285 ft. of SMCW W/ O SCUM, 4% OIL SCUM, 83% WATER, 11% MUD
Recovered 2060 ft. of GW, 1% GAS, 99% WATER

Recovered <u>2630</u> ft. of <u>TOTAL FLUID</u>	<u>CHLORIDES: 29,000 ppm</u>	Price Job
Recovered _____ ft. of _____	<u>PH: 5.5</u>	Other Charges
Remarks: _____	<u>RW: .40 @ 46 deg.</u>	Insurance
<u>WILL DID FIRST 4 TESTS.</u>		
<u>TOOL SAMPLE: 97% WATER, 3% MUD</u>		Total

Time Set Packer(s) 10:04 PM A.M. P.M. Time Started Off Bottom 2:34 AM A.M. P.M. Maximum Temperature 146 deg.

Initial Hydrostatic Pressure..... (A) 2514 P.S.I.
Initial Flow Period..... Minutes 30 (B) 318 P.S.I. to (C) 856 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1315 P.S.I.
Final Flow Period..... Minutes 60 (E) 906 P.S.I. to (F) 1217 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1333 P.S.I.
Final Hydrostatic Pressure..... (H) 2514 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.