

# DIAMOND TESTING

## General Information Report

### General Information

<b>Company Name</b>	BEREXCO LLC	<b>Representative</b>	TIM VENTERS
<b>Contact</b>	EVAN MAYHEW	<b>Well Operator</b>	BEREXCO LLC
<b>Well Name</b>	TIMOTHY #2-16	<b>Report Date</b>	2014/06/19
<b>Unique Well ID</b>	DST #4, PAWNEE, 4365-4385	<b>Prepared By</b>	TIM VENTERS
<b>Surface Location</b>	SEC 16-22S-34W, FINNEY CO. KS.	<b>Qualified By</b>	ED GRIEVES
<b>Field</b>	WILDCAT		
<b>Well Type</b>	Vertical		
<b>Test Type</b>	CONVENTIONAL		
<b>Formation</b>	DST #4, PAWNEE, 4365-4385		
<b>Well Fluid Type</b>	01 Oil		
<b>Start Test Date</b>	2014/06/19	<b>Start Test Time</b>	03:21:00
<b>Final Test Date</b>	2014/06/19	<b>Final Test Time</b>	15:21:00

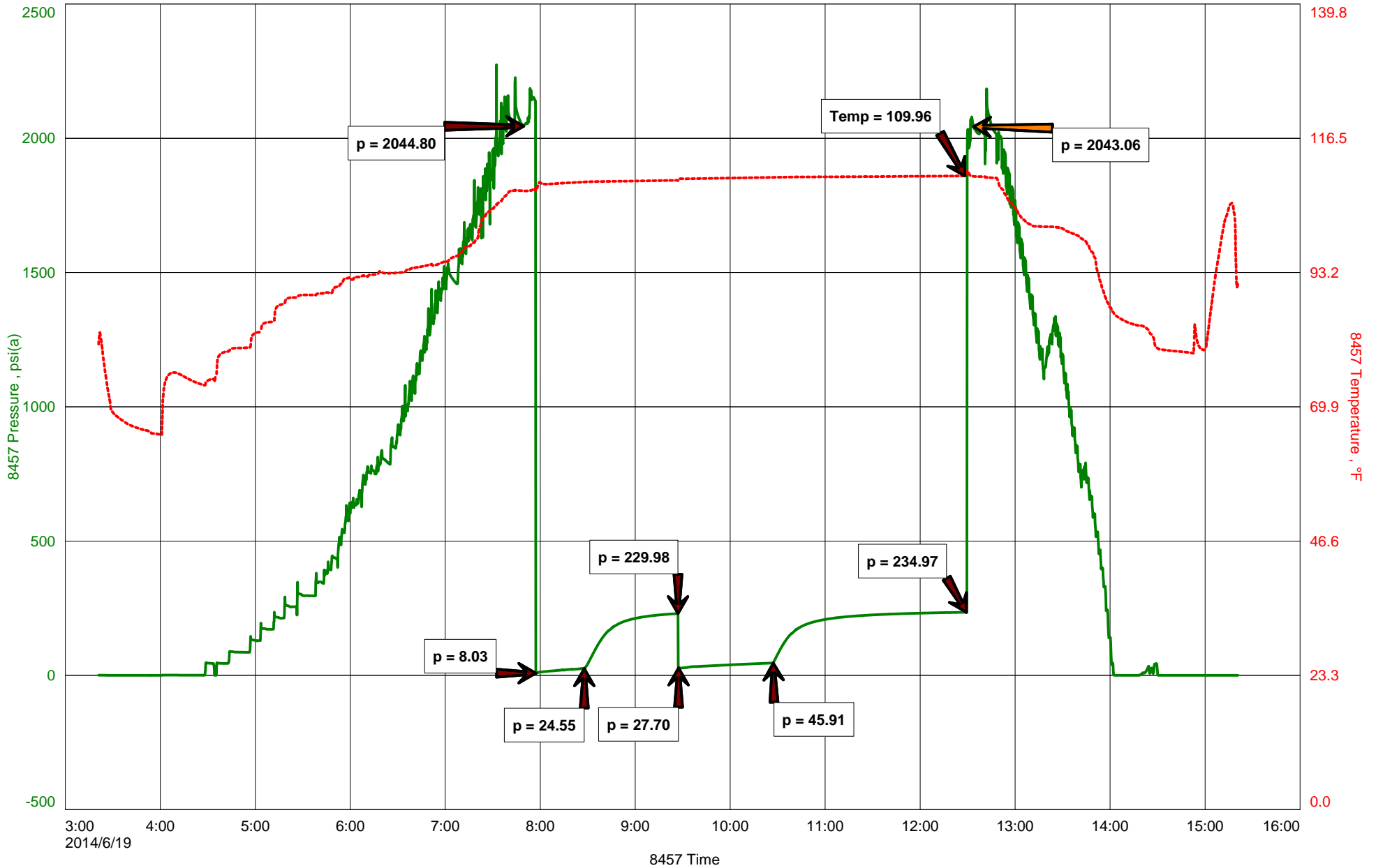
### Test Recovery:

RECOVERED: 635' GAS IN PIPE  
80' G, SWCM W/SC. O, 6% GAS, SCUM OIL, 12% WATER, 82% MUD

TOOL SAMPLE: SCUM OIL, 41% WATER, 59% MUD

CHLORIDES: 28,000 ppm  
PH: 8.5  
RW: .22 @ 84 deg.

# TIMOTHY #2-16





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: TIMOTHY2-16DST4

TIME ON: 03:21  
TIME OFF: 15:21

Company BEREXCO LLC Lease & Well No. TIMOTHY #2-16  
Contractor BEREDCO LLC RIG #1 Charge to BEREXCO LLC  
Elevation 29772 KB Formation PAWNEE Effective Pay \_\_\_\_\_ Ft. Ticket No. T360  
Date 6-19-14 Sec. 16 Twp. 22 S Range 34 W County FINNEY State KANSAS  
Test Approved By ED GRIEVES Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 4 Interval Tested from 4365 ft. to 4385 ft. Total Depth 4385 ft.  
Packer Depth 4360 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4365 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4346 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
Bottom Recorder Depth (Outside) 4382 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 62 Drill Collar Length 617 ft. I.D. 2 1/4 in.  
Weight 9.25 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5,100 P.P.M. Drill Pipe Length 3715 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 20 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: SURFACE BLOW, BUILDING TO 10 1/2 INCHES, STILL BUILDING. (NO BB)  
2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 35 1/2 MIN. (NO BB)

Recovered 635 ft. of GAS IN PIPE  
Recovered 80 ft. of G,SWCM W/SC. O, 6% GAS, SCUM OIL, 12% WATER, 82% MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	CHLORIDES: 28,000 ppm	Price Job
Recovered _____ ft. of _____	PH: 8.5	Other Charges
Remarks: _____	RW: .22 @ 84 deg.	Insurance
TOOL SAMPLE: SCUM OIL, 41% WATER, 59% MUD		Total

Time Set Packer(s) 7:56 AM A.M. P.M. Time Started Off Bottom 12:26 PM A.M. P.M. Maximum Temperature 110 deg.

Initial Hydrostatic Pressure..... (A) 2045 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 25 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 230 P.S.I.  
Final Flow Period..... Minutes 60 (E) 28 P.S.I. to (F) 46 P.S.I.  
Final Closed In Period..... Minutes 120 (G) 235 P.S.I.  
Final Hydrostatic Pressure..... (H) 2043 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.