

# Diamond Testing

## General information Report

### General Information

**Company Name** BEREXCO LLC

<b>Contact</b>	PETE WILSON	<b>Job Number</b>	
<b>Well Name</b>	EJH #1-22	<b>Representative</b>	ROGER D. FRIEDLY
<b>Unique Well ID</b>	DST #5 MORROW 5,241' -5,259 TD 5,286'	<b>Well Operator</b>	BEREXCO LLC
<b>Surface Location</b>	SEC 22-30S-33W HASKELL COUNTY, KS	<b>Report Date</b>	2011/05/21
<b>Well License Number</b>		<b>Prepared By</b>	ROGER D. FRIEDLY
<b>Field</b>	VICTORY		
<b>Well Type</b>	Vertical		

<b>Test Type</b>	STRADDLE DRILL-STEM TEST		
<b>Formation</b>	DST #5 MORROW 5,241' - 5,259' TD 5,286		
<b>Well Fluid Type</b>	01 Oil	<b>Start Test Time</b>	01:15:00
		<b>Final Test Time</b>	17:50:00
<b>Start Test Date</b>	2011/05/21		
<b>Final Test Date</b>	2011/05/21		
<b>Gauge Name</b>	1150		
<b>Gauge Serial Number</b>			

### Test Results

**RECOVERED:** 796' CLEAN OIL - UNLOADED 36 GRAVITY @ 60 deg.  
1,923' CLEAN OIL CIRCULATEDN INTO TRUCK (DRILL PIPE)  
549' CLEAN OIL CIRCULATED INTO TRUCK (DRILL COLLARS  
92' SLTWTR&MCOG 55% GAS, 23% OIL, 4% WTR, 18% MUD (BELOW CIRCULATING SUB)  
3,360' TOTAL FLUID

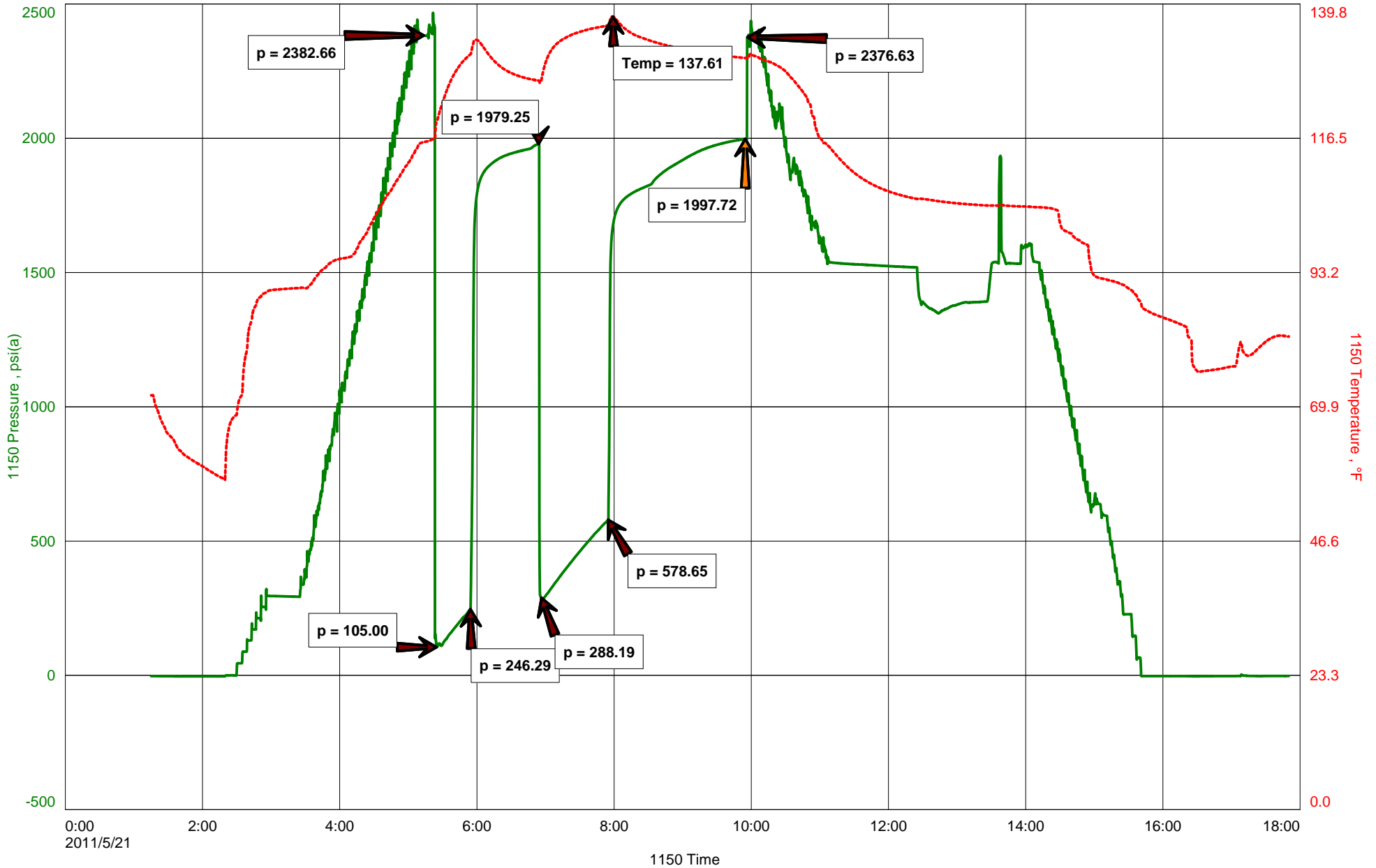
**TOOL SAMPLE:** BLEW OUT GASSY OIL

**CHLORIDES:** 5,000 Ppm  
**PH:** 9.5  
**RW:** .84 @ 76 deg.

BEREXCO LLC  
DST #5 MORROW 5,241' -5,259 TD 5,286'  
Start Test Date: 2011/05/21  
Final Test Date: 2011/05/21

EJH #1-22  
Formation: DST #5 MORROW 5,241' - 5,259' TD 5,286  
Pool: VICTORY

# EJH #1-22





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

**DRILL -STEM TEST TICKET**

Company \_\_\_\_\_ Lease & Well No. \_\_\_\_\_  
 Contractor \_\_\_\_\_ Charge to \_\_\_\_\_  
 Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Effective Pay \_\_\_\_\_ Ft. Ticket No. \_\_\_\_\_  
 Date \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Range \_\_\_\_\_ W County \_\_\_\_\_ State KANSAS  
 Test Approved By \_\_\_\_\_ Diamond Representative ROGER D. FRIEDLY

Formation Test No. \_\_\_\_\_ Interval Tested from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Total Depth \_\_\_\_\_ ft.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type \_\_\_\_\_ Viscosity \_\_\_\_\_ Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight \_\_\_\_\_ Water Loss \_\_\_\_\_ cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides \_\_\_\_\_ P.P.M. Drill Pipe Length \_\_\_\_\_ ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number \_\_\_\_\_ Test Tool Length \_\_\_\_\_ ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? \_\_\_\_\_ Reversed Out \_\_\_\_\_ Anchor Length \_\_\_\_\_ ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

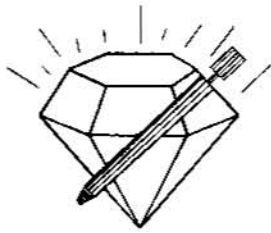
Blow: 1st Open: \_\_\_\_\_  
 2nd Open: \_\_\_\_\_

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

Remarks: _____ _____ _____	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) \_\_\_\_\_ A.M. P.M. Time Started Off Bottom \_\_\_\_\_ A.M. P.M. Maximum Temperature \_\_\_\_\_  
 Initial Hydrostatic Pressure ..... (A) \_\_\_\_\_ P.S.I.  
 Initial Flow Period ..... Minutes (B) \_\_\_\_\_ P.S.I. to (C) \_\_\_\_\_ P.S.I.  
 Initial Closed In Period ..... Minutes (D) \_\_\_\_\_ P.S.I.  
 Final Flow Period ..... Minutes (E) \_\_\_\_\_ P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period ..... Minutes (G) \_\_\_\_\_ P.S.I.  
 Final Hydrostatic Pressure ..... (H) \_\_\_\_\_ 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.



**DIAMOND TESTING**  
P. O. Box 157  
**HOISINGTON, KANSAS 67544**  
(316) 653-7550  
**GAS VOLUME REPORT**

Company BEREXCO LLC Lease & Well No. EJH #1-22  
Date 5.21.11 Sec. 22 Twp. 30 S Rge. 33 W Location \_\_\_\_\_ County HASKELL State KS  
Drilling Contractor BEREDCO LLC Formation MORROW DST No. 5  
Remarks: GAS TO SURFACE 8 MINUTE - BURNED NICELY  
CONDENSATE (DRIP GAS) ON SECOND FLOW - BURNED NICELY

**INITIAL FLOW**  
PSI

Time O'Clock	Orifice Size	Gauge	CF/D
10	.50 in.	4.5 in.	73.6 MCF
15	" in.	5.0 in.	78.1 MCF
20	" in.	4.5 in.	68.8 MCF
25	" in.	2.5 in.	53.4 MCF
30	" in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

**FINAL FLOW**

Time O'Clock	Orifice Size	Gauge	CF/D
5	.25 in.	23 IW in.	8 MCF
10	.125 in.	27 IW in.	2.7 MCF
15	" in.	1 PSI in.	2.76 MCF
20	" in.	1.5 PSI in.	3.39 MCF
25	" in.	2.0 PSI in.	3.92 MCF
30	" in.	2.5 PSI in.	4.42 MCF
35	" in.	3.0 PSI in.	4.84 MCF
40	" in.	3.5 PSI in.	5.26 MCF
45	" in.	4.0 PSI in.	5.64 MCF
50	" in.	4.0 PSI in.	5.64 MCF
55	"	4.0 PSI	5.64 MCF
60	"	4.0 PSI	5.64 MCF

\* NO SAMPLE TAKES - INSUFFICIENT PSI