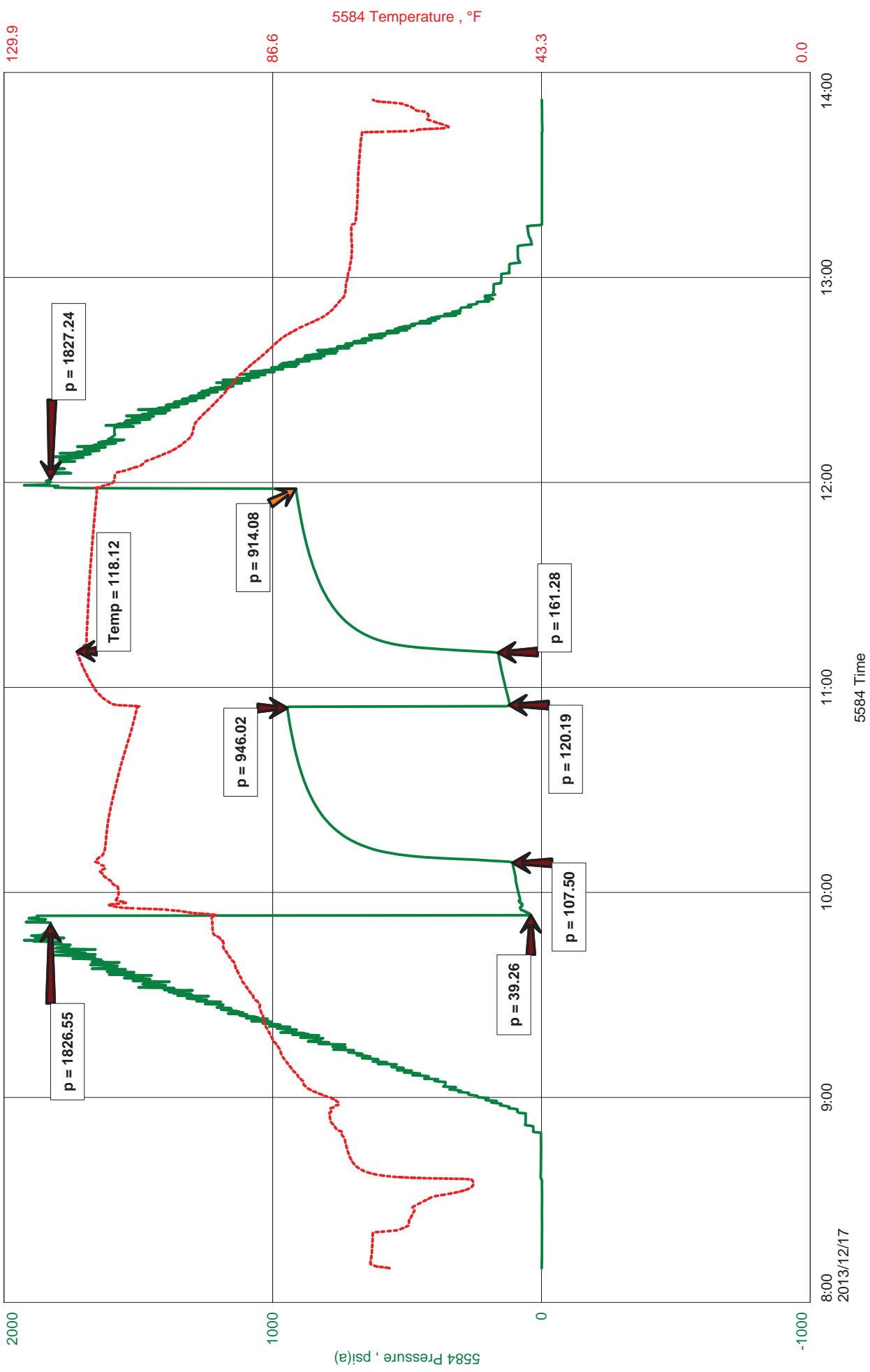


REILLY OIL COMPANY OIL, INC.
DST #6 LKC 'J' 3,873' - 3,895'
Start Test Date: 2013/12/17
Final Test Date: 2013/12/17

MARY #1-7
Formation: DST #6 LKC 'J' 3,873' - 3,895'

MARY #1-7





**DIAMOND TESTING
ROGER D. FRIEDLY - TESTER
CELL 620-793-2043**

Company Name REILLY OIL COMPANY OIL, INC.
Contact DUSTY RHOADES
Well Name MARY #1-7
Unique Well ID DST #6 LKC 'J' 3,873' - 3,895'
Surface Location SEC 7-11S-24W TREGO CNTY, KS

Start Test Date 2013/12/17
Final Test Date 2013/12/17
Test Type CONVENTIONAL
Formation DST #6 LKC 'J' 3,873' - 3,895'
Test Purpose Initial Test
Well Fluid Type 01 Oil

Job Number
Test Unit NO. 1
Representative ROGER D, FRIEDLY
Well Operator REILLY OIL COMPANY, INC.
Report Date 2013/12/17
Prepared By ROGER D. FRIEDLY
Qualified By RICHARD BELL
Start Test Time 08:10:00
Final Test Time 13:52:00

Remarks

RECOVERED: 300' GAS IN PIPE
253' SLTWCMO 50% OIL, 7% WTR, 43% MUD
126 SW 100% WTR WITH SCUM OF OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARY1-7DST6

TIME ON: 08:10
TIME OFF: 13:52

Company REILLY OIL CO., INC. Lease & Well No. MARY #1-7
Contractor WW RIG #6 Charge to REILLY OIL CO., INC.
Elevation 2,376 KB Formation LKC 'J' Effective Pay _____ Ft. Ticket No. _____
Date 12-17-13 Sec. 7 Twp. _____ 11 S Range _____ 24 W County TREGO State KANSAS
Test Approved By RICHARD BELL Diamond Representative ROGER D. FRIEDLY

Formation Test No. 6 Interval Tested from 3,873 ft. to 3,895 ft. Total Depth 3,895 ft.
Packer Depth 3,868 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,873 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,861 ft. Recorder Number 5584 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3,892 ft. Recorder Number 13498 Cap. 3,925 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 50 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,800 P.P.M. Drill Pipe Length 3,727 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 22 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: FAIR 2" BLOW INCREASING TO BOTTOM OF BUCKET IN 5 MIN (W 1/8"BB)
2nd Open: FAIR 2" BLOW INCREASING TO BOTTOM OF BUCKET IN 6 MIN (G 7"BB)

Recovered 300 ft. of GAS IN PIPE
Recovered 253 ft. of SLTWCMO 50% OIL, 7% WTR, 43% MUD
Recovered 126 ft. of SW 100% WTR SCUM OF OIL
Recovered 379 ft. of TOTAL FLUID CHLORIDES 55,000 Ppm

Recovered _____ ft. of _____	PH 7.0	Price Job
Recovered _____ ft. of _____	RW .125 @ 81 deg	Other Charges
Remarks: _____		Insurance
<u>DIESEL IN BUCKET</u>		
<u>TOOL SAMPLE: 10% GAS, 36% OIL, 40% WTR, 15% MUD</u>		Total

Time Set Packer(s) 9:53 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 11:53 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 118

Initial Hydrostatic Pressure..... (A) 1,827 P.S.I.
Initial Flow Period..... Minutes 15 (B) 39 P.S.I. to (C) 108 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 946 P.S.I.
Final Flow Period..... Minutes 15 (E) 120 P.S.I. to (F) 161 P.S.I.
Final Closed In Period..... Minutes 45 (G) 914 P.S.I.
Final Hydrostatic Pressure..... (H) 1,827 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.