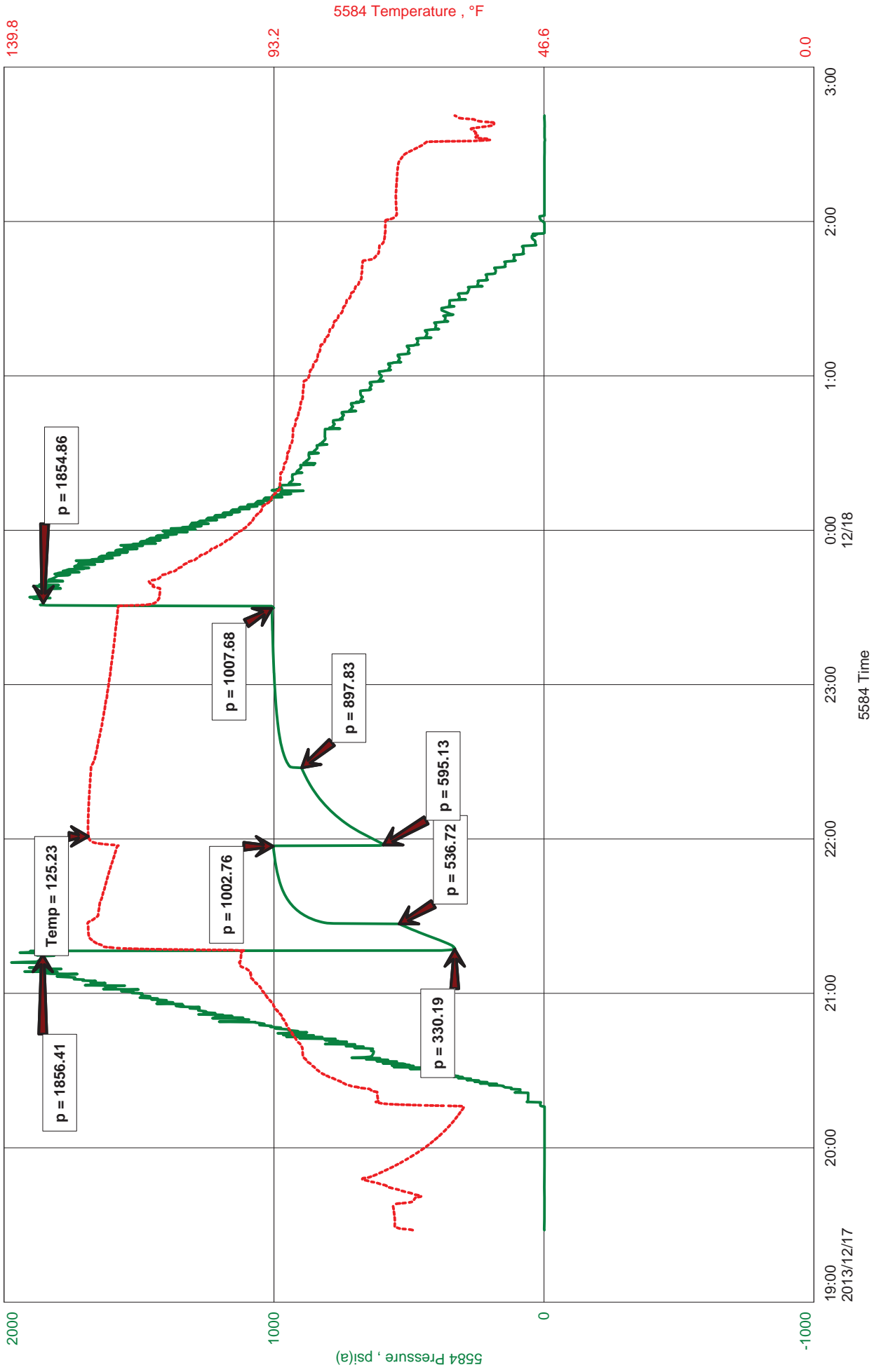


REILLY OIL COMPANY, INC.
DST #7 LKC 'K' 3,895' - 3,916'
Start Test Date: 2013/12/17
Final Test Date: 2013/12/18

MARY #1-7
Formation: DST #7 LKC 'K' 3,895' - 3,916'

MARY #1-7





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

Company Name REILLY OIL COMPANY, INC.
Contact DUSTY RHOADES
Well Name MARY #1-7
Unique Well ID DST #7 LKC 'K' 3,895' - 3,916'
Surface Location SEC 7-11S-24W TREGO CNTY, KS

Start Test Date 2013/12/17
Final Test Date 2013/12/18
Test Type CONVENTIONAL
Formation DST #7 LKC 'K' 3,895' - 3,916'
Test Purpose Initial Test
Well Fluid Type 01 Oil

Job Number
Test Unit NO. 1
Representative ROGER D. FRIEDLY
Well Operator REILLY OIL COMPANL, INC.
Report Date 2013/12/18
Prepared By ROGER D. FRIEDLY
Qualified By RICHARD BELL
Start Test Time 19:28:00
Final Test Time 02:41:00

Remarks

RECOVERED: 186' GAS IN PIPE
20' CLEAN OIL 30.2 GRAVITY @ 60 deg.
62' OCW 40% OIL, 60% WTR
372' MCOW 10% OIL, 85% WTR, 5% MUD
372' G&OCW 2% GAS, 8% OIL, 90% WTR
1,113' SW 100% WTR
1,939' TOTAL FLUID

TOOL SAMPLE: 2% OIL, 98% WTR

CHLORIDES 66,000 Ppm
PH 7.0
RW .12 @ 77 deg.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MARY1-7DST7

TIME ON: 19:28(12.17)
TIME OFF: 02:41(12.18)

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 'K' 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. 7 Interval Tested from 3,895 ft. to 3,916 ft. Total Depth 3,916 ft.
Packer Depth 3,890 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,895 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,883 ft. Recorder Number 5584 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3,913 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 53 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,700 P.P.M. Drill Pipe Length 3,749 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 21 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 BLOW OFF BOTTOM OF BUCKET IN 10 SEC** (W 1/8"BB)
2nd Open: **STRONG BLOW OFF BOTTOM OF BUCKET IN 30 SEC** (F 1 3/4"BB)

Recovered <u>186</u> ft. of <u>GAS IN PIPE</u>		
Recovered <u>20</u> ft. of <u>CLEAN OIL 30.2 GRAVITY @ 60 deg.</u>		
Recovered <u>62</u> ft. of <u>OCW 40% OIL, 60% WTR</u>		
Recovered <u>372</u> ft. of <u>MCOW 10% OIL, 85% WTR, 5% MUS</u>		
Recovered <u>372</u> ft. of <u>G&OCW 2% GAS, 8% OIL, 90% WTR</u>	<u>CHLORIDES 66,000 Ppm</u>	Price Job
Recovered <u>1,113</u> ft. of <u>SW 100% WTR</u>	<u>PH 7.0</u>	Other Charges
Remarks: <u>1,939 TOTAL FLUID</u>	<u>RW .12 @ 77 deg</u>	Insurance
<u>DIESEL IN BUCKET</u>		
<u>TOOL SAMPLE: 2% OIL, 98% WTR</u>		Total

Time Set Packer(s) 9:17 P.M. A.M. P.M. Time Started Off Bottom 11:27 P.M. A.M. P.M. Maximum Temperature 125

Initial Hydrostatic Pressure..... (A) 1,856 P.S.I.
Initial Flow Period..... Minutes 10 (B) 330 P.S.I. to (C) 537 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1,003 P.S.I.
Final Flow Period..... Minutes 30 (E) 595 P.S.I. to (F) 898 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1,008 P.S.I.
Final Hydrostatic Pressure..... (H) 1,855 P.S.I.

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