



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: McRae-Tx-Trust 1 Dst 4

TIME ON: 09:02
TIME OFF: 18:59

Company Raymond Oil Company Inc. Lease & Well No. McRae-Tx-Trust 1
Contractor H2 Drilling Charge to Raymond Oil Company Inc
Elevation 3253 Est Formation Mississippi Effective Pay _____ Ft. Ticket No. RR110
Date Oct/27/2014 Sec. 22 Twp. 19 S Range 36 W County Wichita State KANSAS
Test Approved By Cliff Ottaway Diamond Representative RICKY RAY

Formation Test No. 4 Interval Tested from 4839 ft. to 4880 ft. Total Depth 5022 ft.
Packer Depth 4834 ft. Size 6 3/4 in. Packer depth 4880 ft. Size 6 3/4 in.
Packer Depth 4839 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4827 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 5010 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 364 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6500 P.P.M. Drill Pipe Length 4592 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number SJ Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 41 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: 3/4" Blow " BOB in 10 1/2 mins" NOBB
2nd Open: 3/4" Blow " BOB in 5 mins" NOBB

Recovered 368 ft. of HMW 55% W 45% M
Recovered 1100 ft. of W 100% W
Recovered 1468 ft. of Total Fluid

Recovered _____ ft. of _____	RW .19 @ 60 Deg	Price Job
Recovered _____ ft. of _____	PH: 7	Other Charges
Remarks: <u>Tool Sample: 100% W</u>	Chlorides: <u>68,000ppm</u>	Insurance
<u>Blow Straddle Recorder 1508p</u>		Total

Time Set Packer(s) 11:32 AM A.M. P.M. Time Started Off Bottom 3:17 A.M. P.M. Maximum Temperature 120

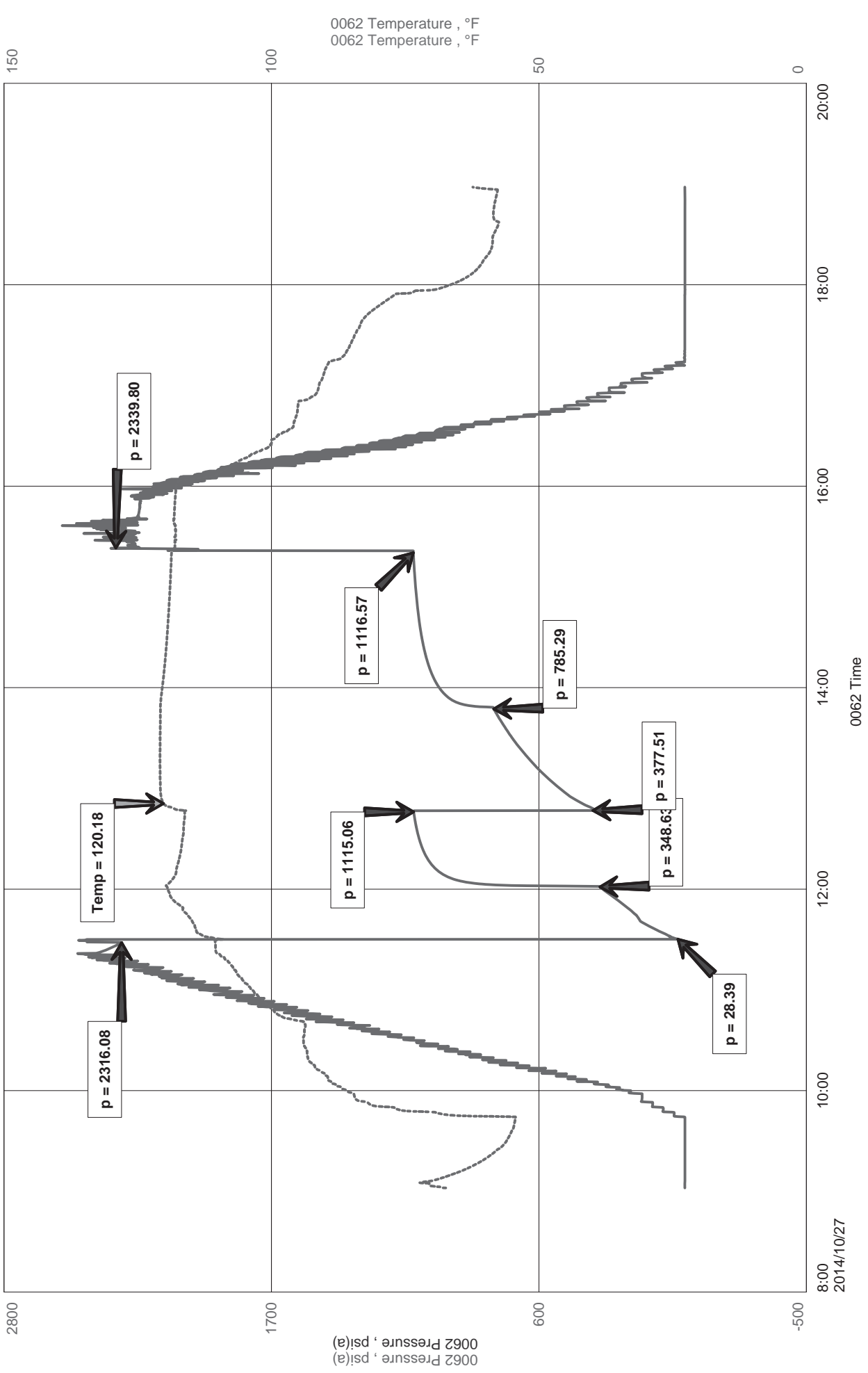
Initial Hydrostatic Pressure..... (A) 2316 P.S.I.
Initial Flow Period..... Minutes 30 (B) 28 P.S.I. to (C) 349 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 1115 P.S.I.
Final Flow Period..... Minutes 45 (E) 378 P.S.I. to (F) 785 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1117 P.S.I.
Final Hydrostatic Pressure..... (H) 2340 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.

Raymond Oil Company Inc
Dst 4 Mississippi (4839-4880) 5022 TD
Start Test Date: 2014/10/27
Final Test Date: 2014/10/27

MacRae Tx Trust 1
Formation: Dst 4 Mississippi (4839-4880) 5022 TD
Pool: Wildcat
Job Number: RR110

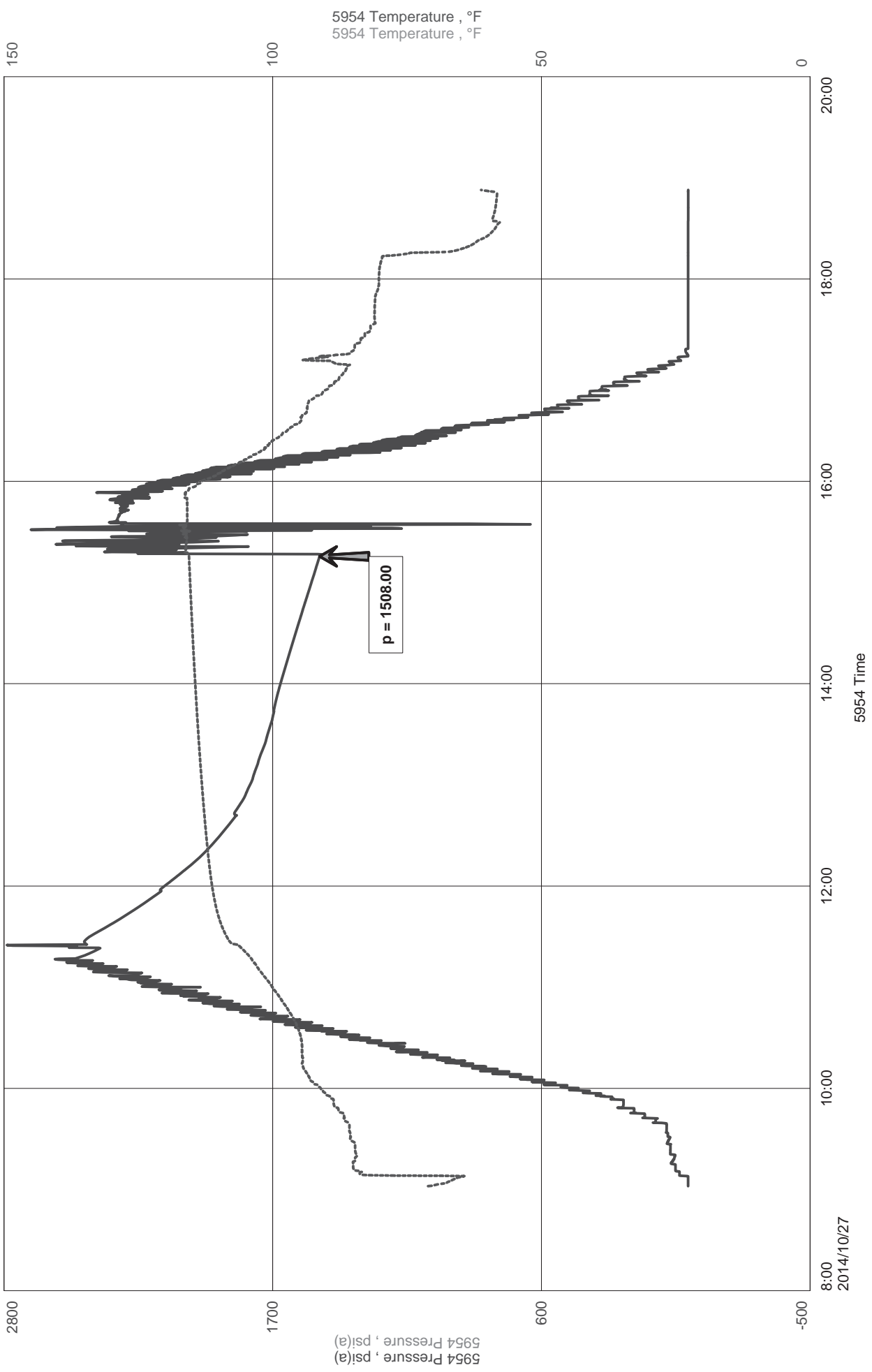
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MacRae Tx Trust 1





Diamond Testing LLC
 P.O. Box 157
 Hoisington KS 67544

Ricky Ray - Tester
(620) 617-7261

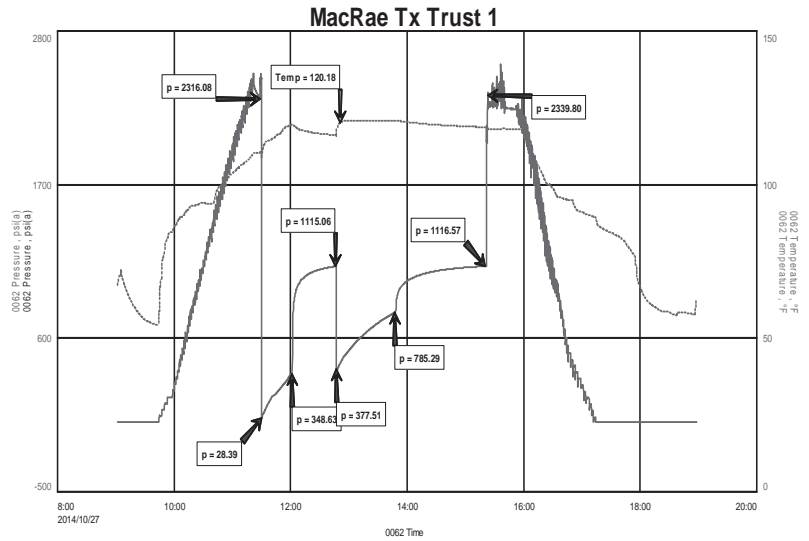
Wellsite Report

General Information

Company Name	Raymond Oil Company Inc
Contact	Ted henry
Well Operator	Raymond Oil Company Inc
Well Name	MacRae Tx Trust 1
Surface Location	Sec: 22-19s-36w (Wichita County)
Field	WC
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Cliff Ottaway
Gauge Name	0062

Test Information

Job Number	RR110
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 4 Mississippi (4839-4880) 5022 TD
Start Test Date	2014/10/27 YYYY/MM/DD
Start Test Time	09:02:00 HH:mm:ss
Final Test Date	2014/10/27 YYYY/MM/DD
Final Test Time	18:59:00 HH:mm:ss



Test Results

Recovery:

368'	HMW	55% W	45% M
1100'	W	100% W	
1468'	Total Fluid		

Tool Sample: 100% W

RW: .19 @ 60 Deg
 PH: 7
 Chlorides: 68,000 PPM