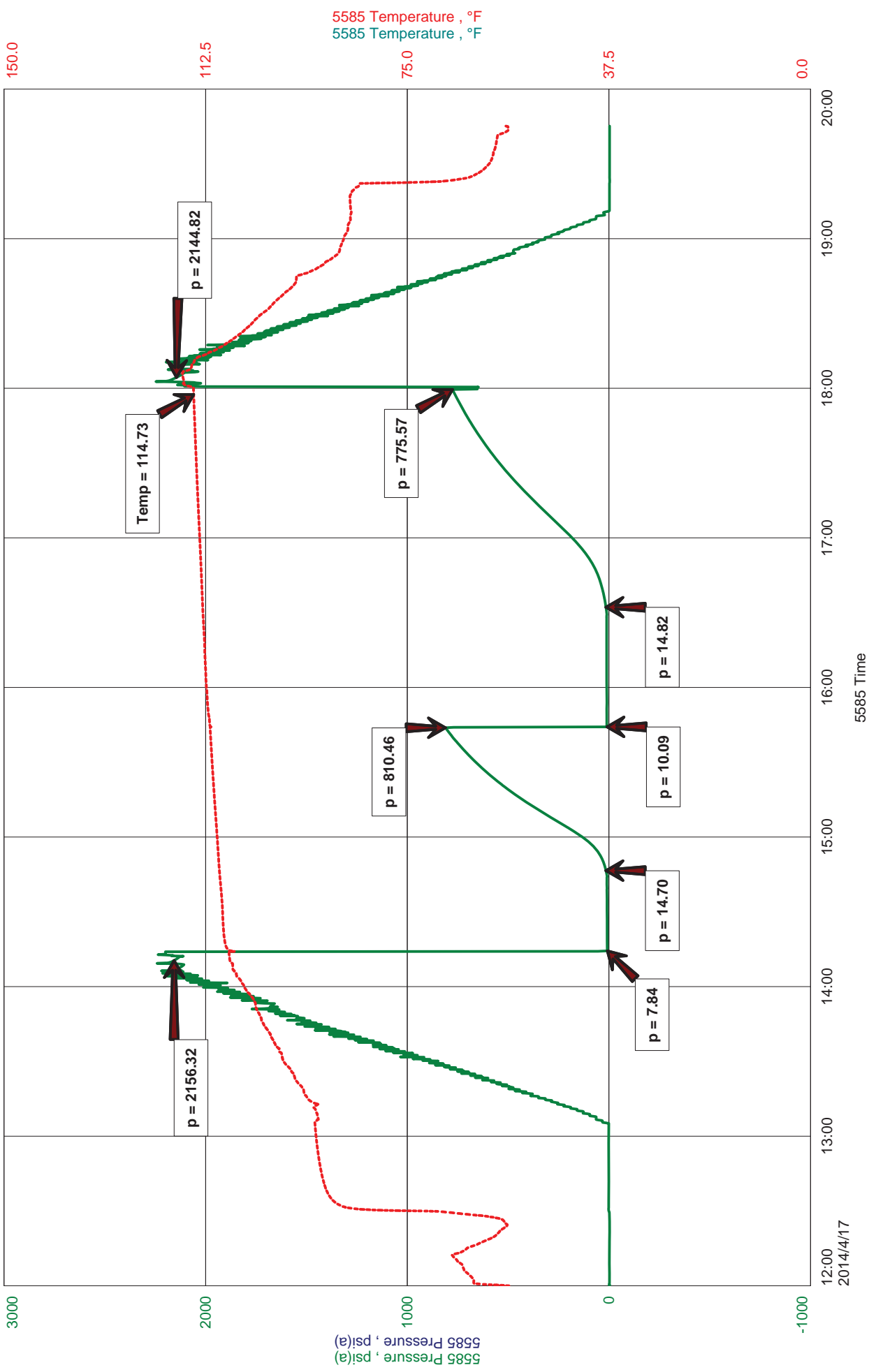


RAYMOND OIL CO INC
DST5 CHEROKEE, JOHNSON 4396-4472
Start Test Date: 2014/04/17
Final Test Date: 2014/04/17

MICHAELIS 2
Formation: DST5 CHEROKEE, JOHNSON 4396-4472
Pool: WILDCAT
Job Number: A043

MICHAELIS 2



DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	RAYMOND OIL CO INC	TED McHENRY	Job Number	A043
Contact		MICHAELIS 2	Representative	ANDY CARREIRA
Well Name			Well Operator	RAYMOND OIL CO INC
Unique Well ID	DST5 CHEROKEE,JOHNSON 4396-4472		Report Date	2014/04/17
Surface Location	SEC3-14S-32W LOGAN CNTY,KS		Prepared By	ANDY CARREIRA
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST5 CHEROKEE,JOHNSON 4396-4472
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/04/17	Start Test Time	12:00:00
Final Test Date	2014/04/17	Final Test Time	19:45:00

Gauge Name	5585
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Test Results

RECOVERY: 10' MUD

TOOL SAMPLE: 100% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: MICHAELIS2DST5

TIME ON: 12:00
TIME OFF: 19:45

Company RAYMOND OIL CO INC Lease & Well No. MICHAELIS 2
Contractor LD DRLG Charge to RAYMOND OIL CO INC
Elevation 2840 KB Formation CHEROKEE, JOHNSON Effective Pay _____ Ft. Ticket No. A043
Date 4-17-14 Sec. 3 Twp. _____ 14 S Range _____ 32 W County LOGAN State KANSAS
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 5 Interval Tested from 4396 ft. to 4472 ft. Total Depth 4472 ft.
Packer Depth 4391 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4396 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4377 ft. Recorder Number 5585 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4398 ft. Recorder Number 8471 Cap. 10000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 5000 P.P.M. Drill Pipe Length 4363 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 09 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 76 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: WEAK SURFACE BLOW (NObb)
2nd Open: NO BLOW (NObb)

Recovered <u>10</u> ft. of <u>MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% MUD</u>	Total

Time Set Packer(s) 2:14 PM A.M. P.M. Time Started Off Bottom 5:59 PM A.M. P.M. Maximum Temperature 115

Initial Hydrostatic Pressure..... (A) 2156 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 15 P.S.I.
Initial Closed In Period..... Minutes 60 (D) 810 P.S.I.
Final Flow Period..... Minutes 45 (E) 10 P.S.I. to (F) 15 P.S.I.
Final Closed In Period..... Minutes 90 (G) 776 P.S.I.
Final Hydrostatic Pressure..... (H) 2145 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.