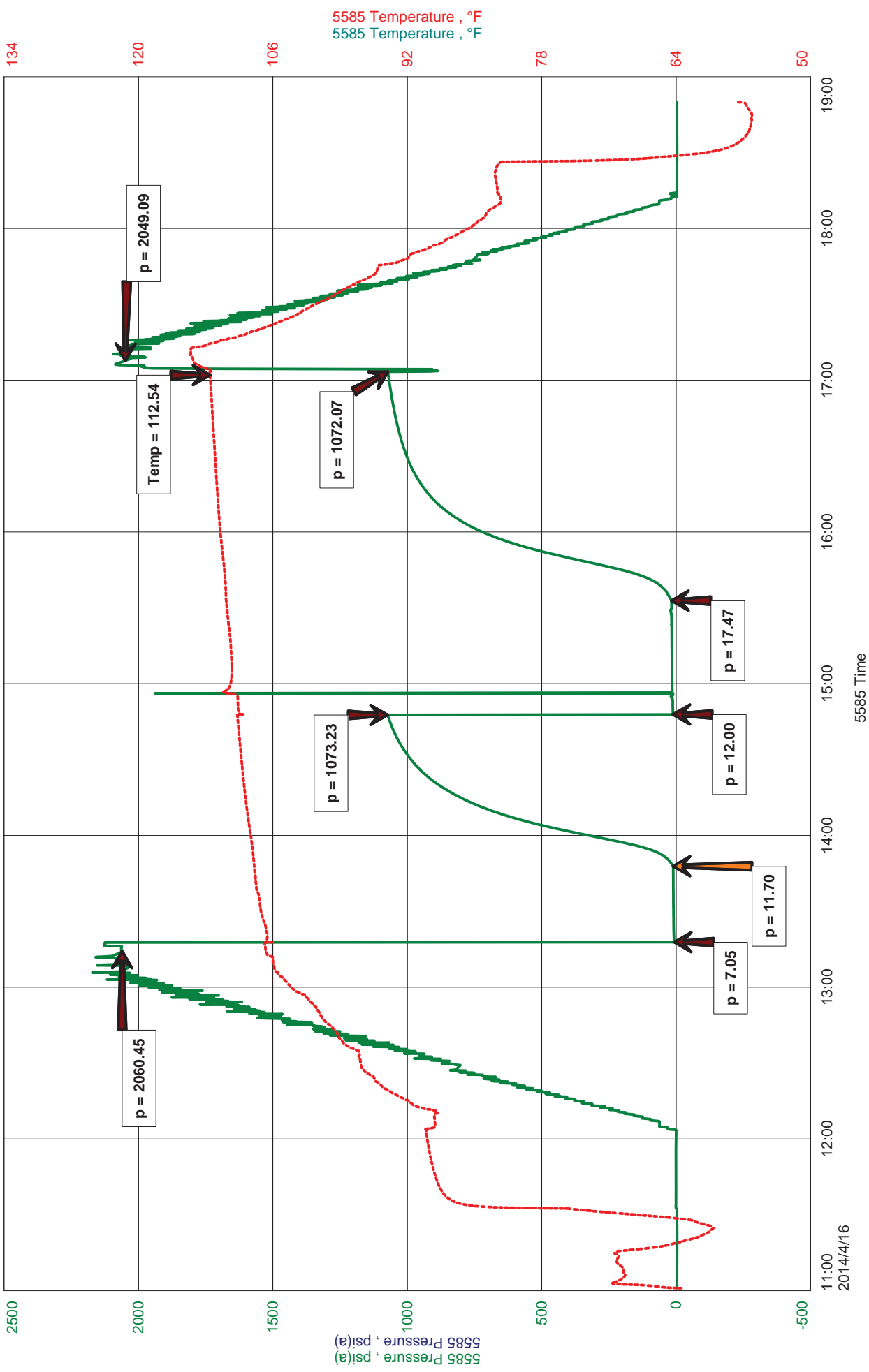


RAYMOND OIL CO INC  
DST4 ALTC,PAW,MYRK4282-4366  
Start Test Date: 2014/04/16  
Final Test Date: 2014/04/16

MICHAELIS 2  
Formation: DST4 ALTC,PAW,MYRK4282-4366  
Pool: WILDCAT  
Job Number: A042

# MICHAELIS 2



# DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA  
CELL # 620-617-7202

## General Information

Company Name	RAYMOND OIL CO INC	Job Number	A042
Contact	TED McHENRY	Representative	ANDY CARREIRA
Well Name	MICHAELIS 2	Well Operator	RAYMOND OIL CO INC
Unique Well ID	DST4 ALTC,PAW,MYRK4282-4366	Report Date	2014/04/16
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	DST4 ALTC,PAW,MYRK4282-4366
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/04/16	Start Test Time	11:01:00
Final Test Date	2014/04/16	Final Test Time	18:50:00

Gauge Name	5585
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## Test Results

RECOVERY: 25' SOSM

TOOL SAMPLE: TRACE OIL, MUD



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: MICHAELIS2DST4

TIME ON: 11:01  
TIME OFF: 18:50

Company RAYMOND OIL CO INC Lease & Well No. MICHAELIS 2  
Contractor LD DRLG Charge to RAYMOND OIL CO INC  
Elevation 2840 KB Formation ALT,C,PAW,MYRK Effective Pay \_\_\_\_\_ Ft. Ticket No. A042  
Date 4-16-14 Sec. 3 Twp. 14 S Range 32 W County LOGAN State KANSAS  
Test Approved By MAX LOVELY Diamond Representative ANDY CARREIRA

Formation Test No. 4 Interval Tested from 4282 ft. to 4366 ft. Total Depth 4366 ft.  
Packer Depth 4277 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4282 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4263 ft. Recorder Number 5585 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4284 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 0 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 5000 P.P.M. Drill Pipe Length 4249 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 84 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: BLOW DIED IN 10 MIN. (NObb)  
2nd Open: NO BLOW, FLUSHED, SURGED, NO BLOW. (NObb)

Recovered <u>25</u> ft. of <u>SOSM</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>TRACE OIL, MUD</u>	Total

Time Set Packer(s) 1:18 PM A.M. P.M. Time Started Off Bottom 5:03 PM A.M. P.M. Maximum Temperature 113  
Initial Hydrostatic Pressure..... (A) 2060 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 12 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 1073 P.S.I.  
Final Flow Period..... Minutes 45 (E) 12 P.S.I. to (F) 17 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 1072 P.S.I.  
Final Hydrostatic Pressure..... (H) 2049 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.