



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: Deeds 1 Dst 3

TIME ON: 15:20 Sep 09  
TIME OFF: 02:16 Spe 10

Company Raymond Oil Company Inc Lease & Well No. Deeds 1  
Contractor L.D Drilling Charge to Raymond Oil Company Inc.  
Elevation 3400 KB Formation I/kc 180 Effective Pay \_\_\_\_\_ Ft. Ticket No. RR082  
Date 09/10/2014 Sec. 15 Twp. 5 S Range 37 W County Cheyenne State KANSAS  
Test Approved By Kim Shoemaker Diamond Representative RICKY RAY

Formation Test No. 3 Interval Tested from 4413 ft. to 4463 ft. Total Depth 4463 ft.  
Packer Depth 4408 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4413 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4395 ft. Recorder Number 0062 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 4450 ft. Recorder Number 5954 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2200 P.P.M. Drill Pipe Length 4380 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number 8 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NA Reversed Out NA Anchor Length 50 (18P) 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: WSB BOB in 24 1/2 mins NOBB  
2nd Open: 1/2" Blow BOB in 14 1/2 mins NOBB

Recovered 1 ft. of O 100% O  
Recovered 567 ft. of GIP  
Recovered 126 ft. of SLG+ HOM 2% G 48% O 50% M  
Recovered 127 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: Tool Sample: <u>45% O 55% M</u>	Insurance
	Total

Time Set Packer(s) 8:06 PM Sep 9 <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 11:51 PM Sep 9 <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 137

Initial Hydrostatic Pressure..... (A) 2153 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 36 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 1275 P.S.I.  
Final Flow Period..... Minutes 60 (E) 36 P.S.I. to (F) 70 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 1242 P.S.I.  
Final Hydrostatic Pressure..... (H) 2136 P.S.I.

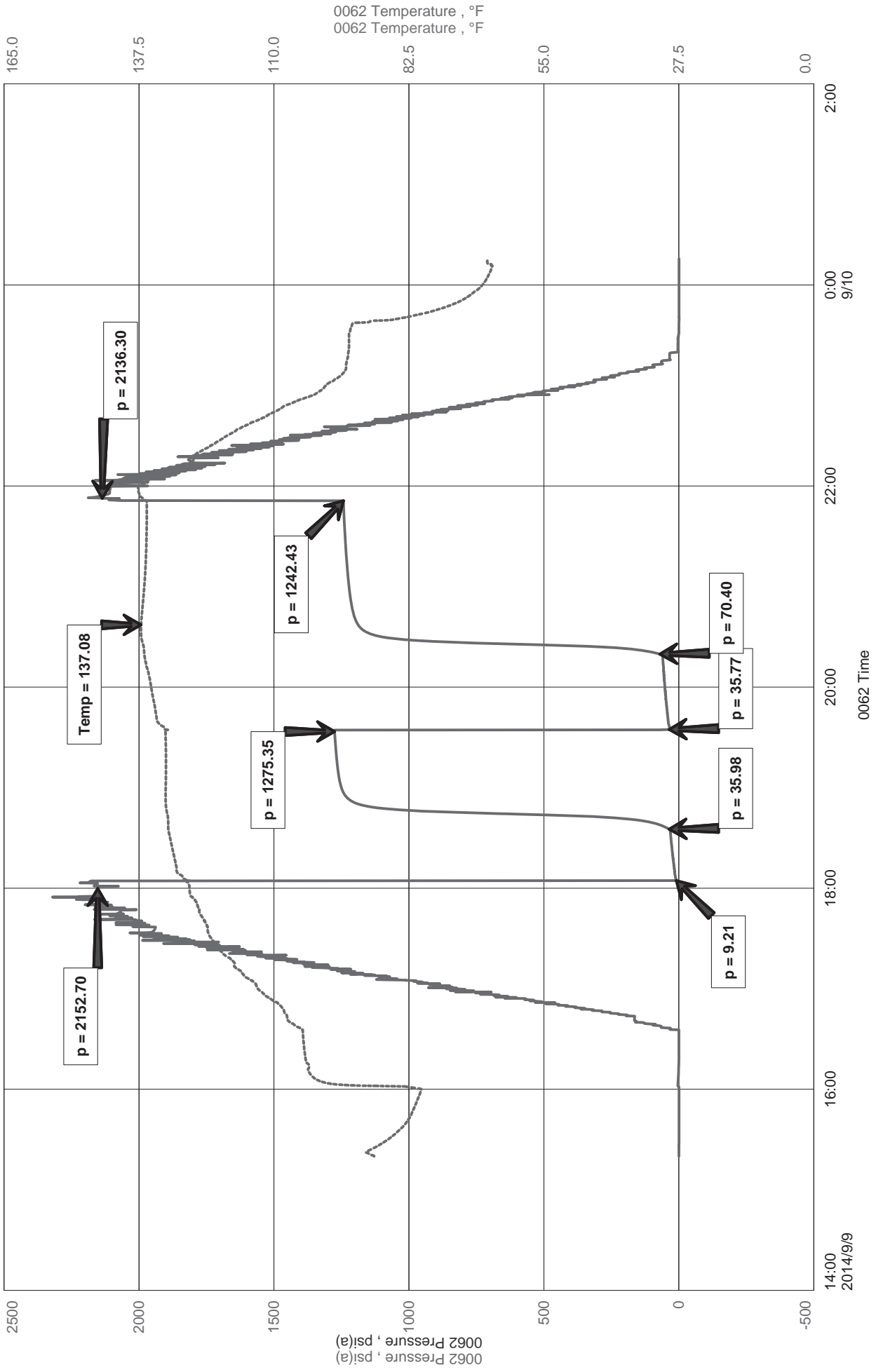
Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Raymond Oil Company Inc  
Dst 3 L/KC 180 (4413-4463)  
Start Test Date: 2014/09/09  
Final Test Date: 2014/09/10

Deeds 1  
L/KC 180 (4413-4463)  
Pool: Wildcat  
Job Number: RR082

Formation: Dst 3

# Deeds 1





Diamond Testing LLC  
 P.O. Box 157  
 HoisingtonKS 67544

**Ricky Ray - Tester**  
**(620) 617-7261**

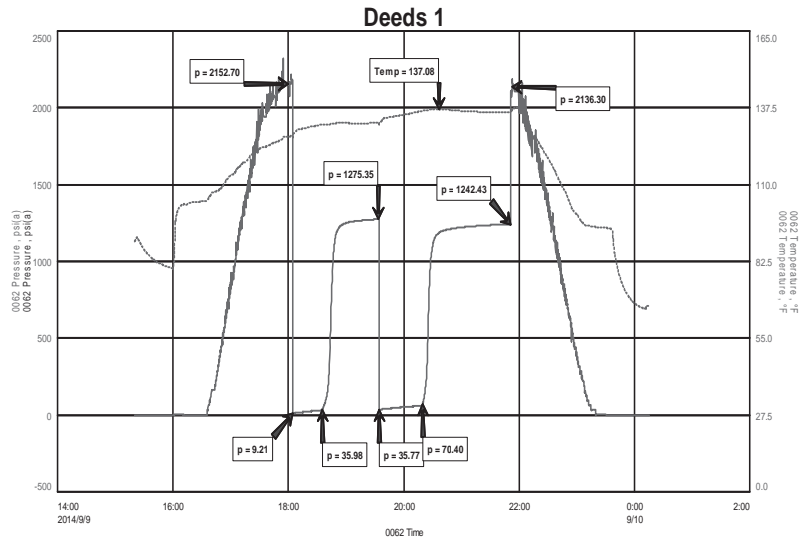
# Wellsite Report

## General Information

Company Name	Raymond Oil Company Inc
Contact	Clark Sandberg
Well Operator	Raymond Oil Company Inc
Well Name	Deeds 1
Surface Location	Sec: 15-5s-37w (Cheyenne County)
Field	Wildcat
Well Type	Vertical
Pool	Wildcat
Test Purpose (AEUB)	Initial Test
Qualified By	Kim shoemaker
Gauge Name	0062

## Test Information

Job Number	RR082
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 L/KC 180 (4413-4463)
Start Test Date	2014/09/09 YYYY/MM/DD
Start Test Time	15:20:00 HH:mm:ss
Final Test Date	2014/09/10 YYYY/MM/DD
Final Test Time	02:16:00 HH:mm:ss



## Test Results

### Recovery:

1'	O	100% O		
567'	GIP			
126'	SLG + HOM	2% G	48% O	50% O
127'	Total Fluid			

Tool Sample: 45% O 55% M