



DIAMOND TESTING  
 P.O. Box 157  
 HOISINGTON, KANSAS 67544  
 (800) 542-7313

6-12 19:56  
 TIME ON:  
 6-13 04:19  
 TIME OFF:

DRILL-STEM TEST TICKET  
 FILE: dowd1 Oct1

Company Raymond Oil Company Inc Lease & Well No. Dowd #1  
 Contractor LD Drilling Charge to Raymond Oil Company  
 Elevation 2690 KB Formation L/KC 220 Effective Pay \_\_\_\_\_ Ft. Ticket No. 50457  
 Date 6-12-14 Sec. 15 Twp. 18 S Range 27 W County Lane State KANSAS  
 Test Approved By \_\_\_\_\_ Diamond Representative JACOB McCALLIE

Formation Test No. 1 Interval Tested from 4280 ft. to 4308 ft. Total Depth 4308 ft.  
 Packer Depth 4275 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 4280 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
 Top Recorder Depth (Inside) 4261 ft. Recorder Number 5585 Cap. SK P.S.I.  
 Bottom Recorder Depth (Outside) 4284 ft. Recorder Number 5586 Cap. SK P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length \_\_\_\_\_ ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 7.0 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 2,200 P.P.M. Drill Pipe Length 4247 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 28 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 - Built to 1" in 30 min NOBB  
 2nd Open: WSB - Built to 1 1/4" in 45 min NOBB

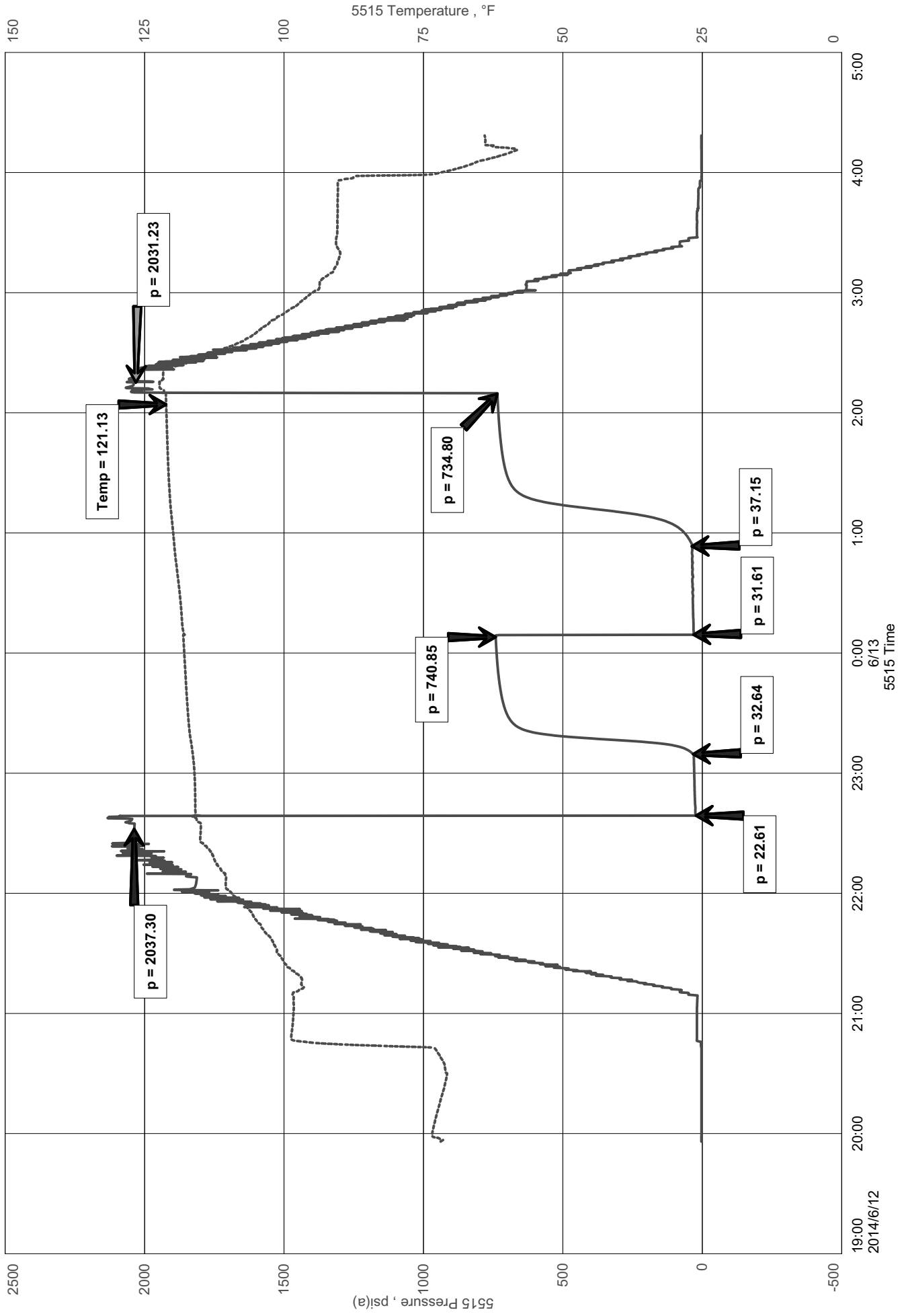
Recovered 30 ft. of OSM 3%O 97%M  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_  
 Price Job \_\_\_\_\_  
 Other Charges \_\_\_\_\_  
 Insurance \_\_\_\_\_  
 Total \_\_\_\_\_

Time Set Packer(s) 6-12 10:39 P.M. Time Started Off Bottom 6-13 2:09 A.M. Maximum Temperature 121  
 Initial Hydrostatic Pressure..... (A) 2037 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 33 P.S.I.  
 Initial Closed In Period..... Minutes 60 (D) 741 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 32 P.S.I. to (F) 37 P.S.I.  
 Final Closed In Period..... Minutes 75 (G) 735 P.S.I.  
 Final Hydrostatic Pressure..... (H) 2031 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.

# Dowd #1



# Diamond Testing LLC

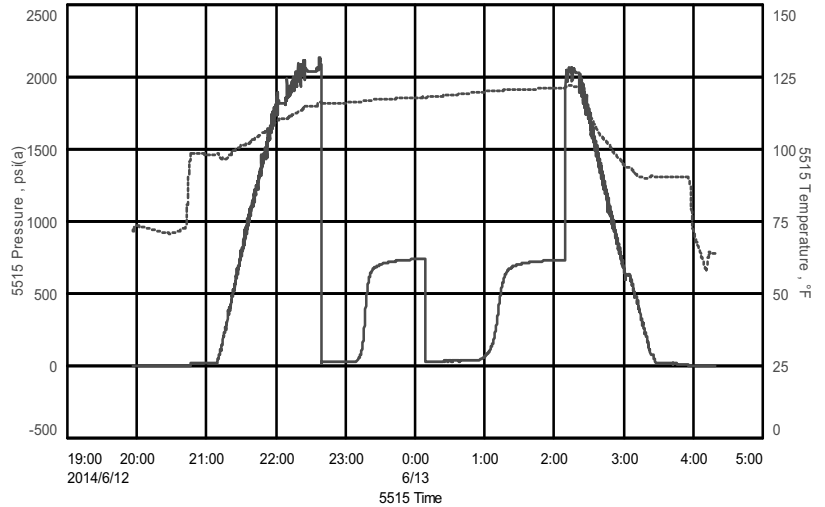
## General Information Report

Jacob McCallie  
620-617-7116  
mccallie.dtlc@gmail.com

### General Information

Company Name Raymond Oil Company Inc.  
Contact Clarke Sandberg  
Well Name Dowd #1  
Unique Well ID DST #1 L/KC 220' 4280-4308'  
Surface Location SEC 15-18S-27W Lane County  
Field Alamota  
Well Type Vertical  
Test Type Drill Stem Test  
Formation DST #1 L/KC 220' 4280-4308'  
Well Fluid Type 01 Oil  
Start Test Date 2014/06/12  
Start Test Time 19:56:00  
Final Test Date 2014/06/13  
Final Test Time 04:19:00  
Job Number S0457  
Representative Jacob McCallie  
Report Date 2014/06/12  
Gauge Serial Number

### Dowd #1



### Test Results

RECOVERED:  
30' OSM 3% O 97% M

TOOL SAMPLE:  
5% O 4% W 91% M