



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

TIME ON: 10:56
 TIME OFF: 18:44

DRILL-STEM TEST TICKET
 FILE: dowd/DST2

Company Raymond Oil Company Inc Lease & Well No. Dowd #1
 Contractor LD Drilling Charge to Raymond Oil Company Inc
 Elevation 2690 RB Formation Ft. Scott/Chero Effective Pay _____ Ft. Ticket No. 5048
 Date 6-14-14 Sec. 15 Twp. 18 S Range 27 W County Lane State KANSAS
 Test Approved By _____ Diamond Representative JACOB McCALLIE

Formation Test No. 2 Interval Tested from 4510 ft. to 4589 ft. Total Depth 4589 ft.
 Packer Depth 4505 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 45010 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4491 ft. Recorder Number 5515 Cap. SK P.S.I.
 Bottom Recorder Depth (Outside) 4577 ft. Recorder Number 5586 Cap. SK P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 7.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 21600 P.P.M. Drill Pipe Length 44.77 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 79 (19.5A) 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: 1/4" Blow - Built to 1 1/2" in 30 mins NOBB
 2nd Open: WSB - Built to 1" in 45 mins NOBB

Recovered 35 ft. of OSM 100% M (few oil specks)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
<u>Tool Sample: 1 1/2 99% M</u>	Total

Time Set Packer(s) 1:05 ^{AM} P.M. Time Started Off Bottom 4:35 ^{AM} P.M. Maximum Temperature 121

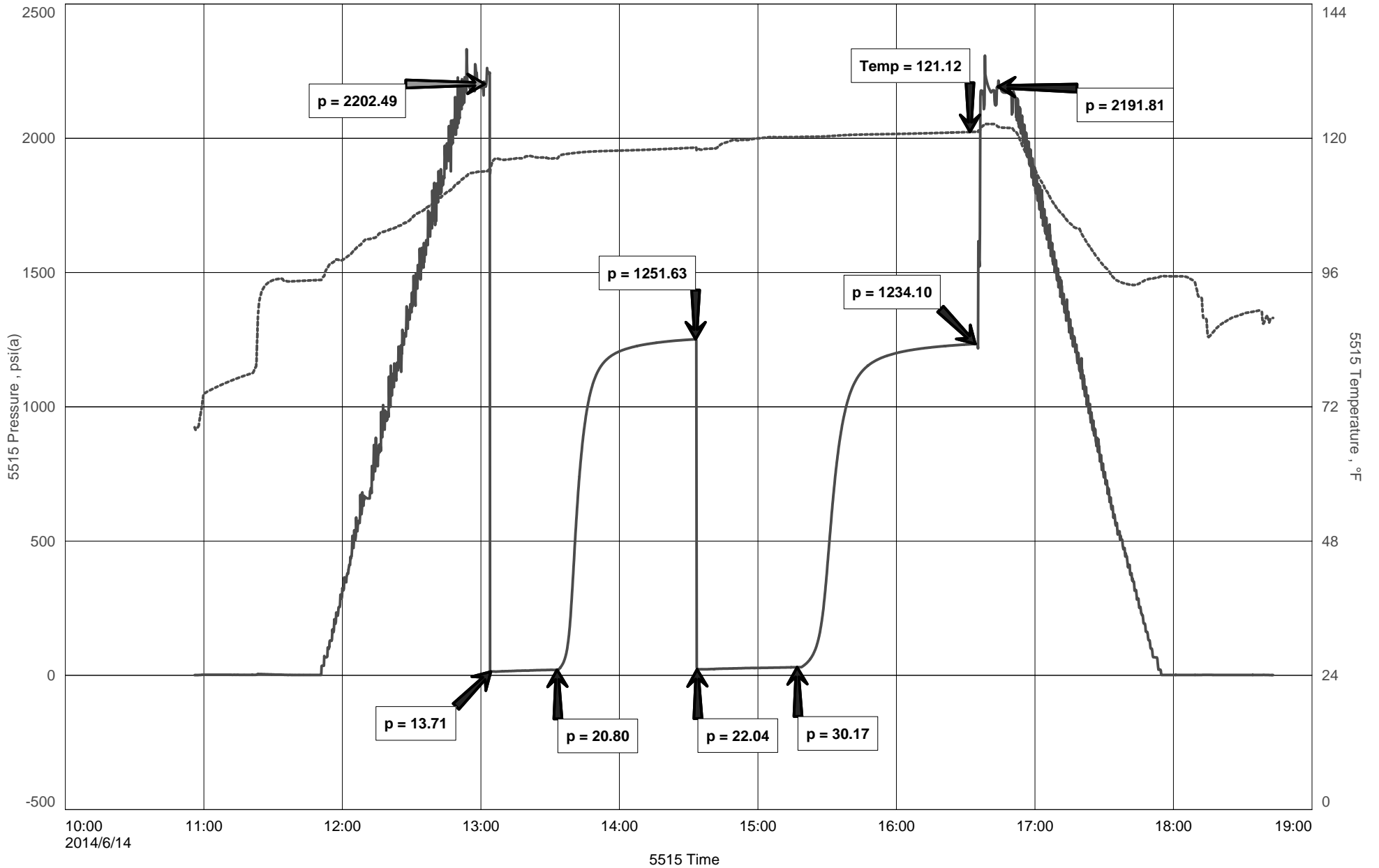
Initial Hydrostatic Pressure..... (A) 2202 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 21 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 1252 P.S.I.
 Final Flow Period..... Minutes 45 (E) 22 P.S.I. to (F) 30 P.S.I.
 Final Closed In Period..... Minutes 75 (G) 1234 P.S.I.
 Final Hydrostatic Pressure..... (H) 2192 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 #2 Ft. Scott/Chero 4510-4589'
Start Test Date: 2014/06/14
Final Test Date: 2014/06/14

Dowd #1
Formation: DST #2 Ft. Scott/Chero 4510-4589'
Pool: WC
Job Number: S0458

Dowd #1



Diamond Testing LLC

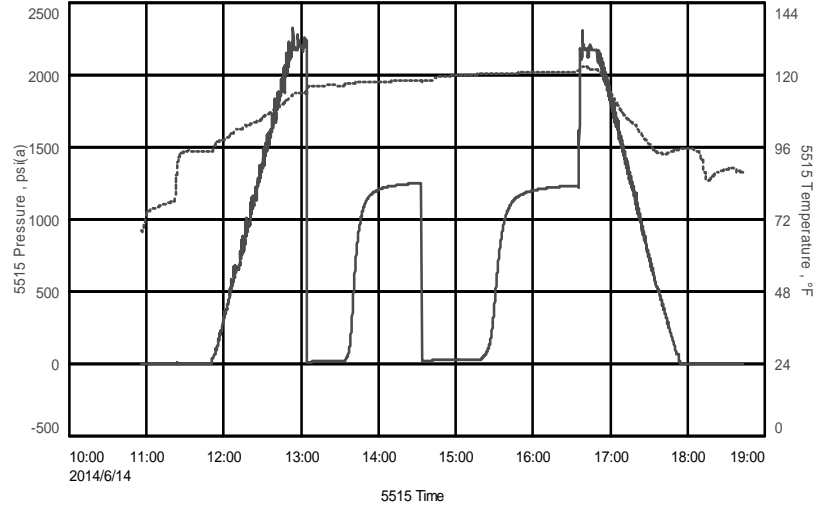
General Information Report

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 #2 Ft. Scott/Chero 4510-4589'
Surface Location SEC 15-18S-27W Lane County
Field Alamota
Well Type Vertical
Test Type Drill Stem Test
Formation DST #2 Ft. Scott/Chero 4510-4589'
Well Fluid Type 01 Oil
Start Test Date 2014/06/14
Start Test Time 10:56:00
Final Test Date 2014/06/14
Final Test Time 18:44:00
Job Number S0458
Representative Jacob McCallie
Report Date 2014/06/14
Gauge Serial Number

Dowd #1



Test Results

RECOVERED:
35' OSM 100% M (few oil specks)

TOOL SAMPLE:
1% O 99% M