



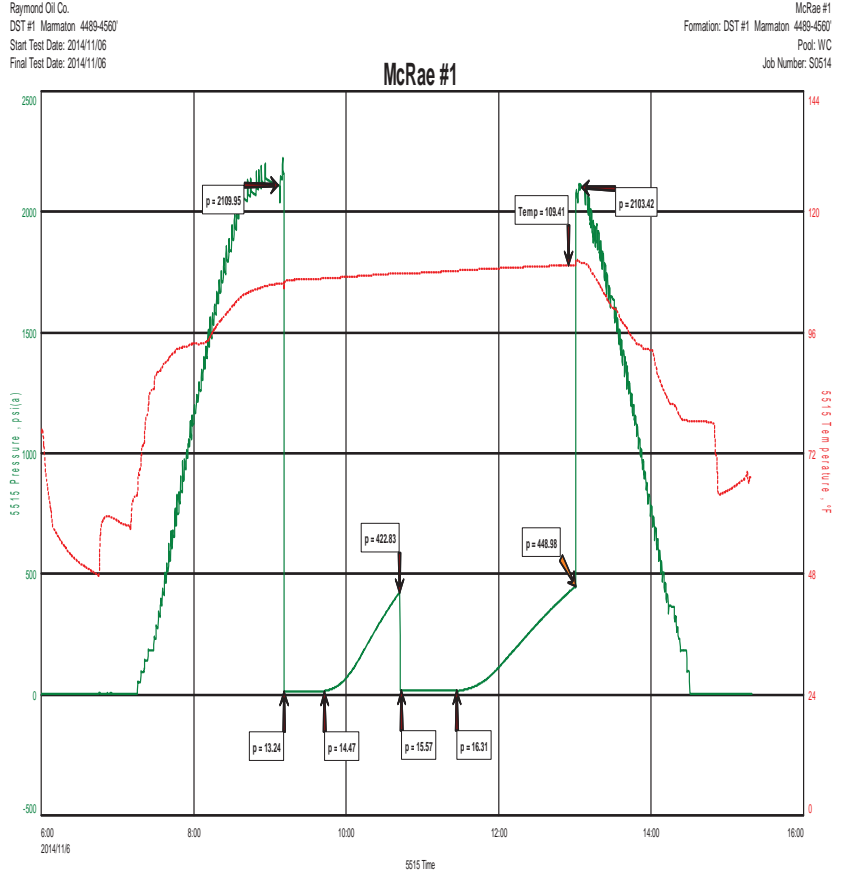
**Hoisington, Kansas**

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**General Information**

**Company Name** Raymond Oil Co.

<b>Contact</b>	<b>Ted McHenry</b>
<b>Well Name</b>	<b>McRae #1</b>
<b>Unique Well ID</b>	<b>DST #1 Marmaton 4489-4560'</b>
<b>Surface Location</b>	<b>SEC 23-19S-36W Wichita County</b>
<b>Field</b>	<b>WC</b>
<b>Well Operator</b>	<b>Raymond Oil Co.</b>
<b>Test Type</b>	<b>Drill Stem Test</b>
<b>Well Type</b>	<b>Vertical</b>
<b>Formation</b>	<b>DST #1 Marmaton 4489-4560'</b>
<b>Well Fluid Type</b>	<b>01 Oil</b>
<b>Test Purpose (AEUB)</b>	<b>Initial Test</b>
<b>Start Test Date</b>	<b>2014/11/06</b>
<b>Start Test Time</b>	<b>06:00:00</b>
<b>Final Test Date</b>	<b>2014/11/06</b>
<b>Final Test Time</b>	<b>15:19:00</b>
<b>Job Number</b>	<b>S0514</b>
<b>Representative</b>	<b>Jacob McCallie</b>
<b>Prepared By</b>	<b>Jacob McCallie</b>
<b>Report Date</b>	<b>2014/11/06</b>



**FLUID RECOVERY**

**RECOVERY:**  
**5' MUD 100% M**

**TOOL SAMPLE:**  
**<1% O >99% M**



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: mcræ1dst1

TIME ON: 06:00  
TIME OFF: 15:19

Company Raymond Oil Co. Lease & Well No. McRae #1  
Contractor H2 Rig #1 Charge to Raymond Oil Co.  
Elevation 3225 KB Formation Marmaton Effective Pay \_\_\_\_\_ Ft. Ticket No. S0514  
Date 11-06-14 Sec. 23 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 36 W County Wichita State KANSAS  
Test Approved By Max Lovely Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 4489 ft. to 4560 ft. Total Depth 4560 ft.  
Packer Depth 4484 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4489 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 4470 ft. Recorder Number 5515 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4525 ft. Recorder Number 5586 Cap. 5,000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 45 Drill Collar Length 368 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 5,000 P.P.M. Drill Pipe Length 4088 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 71 (40A) 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- Died in 12 min **NOBB**  
2nd Open: No Blow- No Build **NOBB**

Recovered <u>5</u> ft. of Mud <u>100% M</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <1 % O >99 % M	Total

Time Set Packer(s) 9:11 AM A.M. P.M. Time Started Off Bottom 12:56 PM A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 2110 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 14 P.S.I.  
Initial Closed In Period..... Minutes 60 (D) 423 P.S.I.  
Final Flow Period..... Minutes 45 (E) 16 P.S.I. to (F) 16 P.S.I.  
Final Closed In Period..... Minutes 90 (G) 449 P.S.I.  
Final Hydrostatic Pressure..... (H) 2103 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 Co.  
DST #1 Marmaton 4489-4560'  
Start Test Date: 2014/11/06  
Final Test Date: 2014/11/06

McRae #1  
Formation: DST #1 Marmaton 4489-4560'  
Pool: WC  
Job Number: S0514

# McRae #1

