

# DIAMOND TESTING

## General Information Report

### General Information

**Company Name** RAYMOND OIL COMPANY, INC.  
**Contact** CLARKE SANDBERG  
**Well Name** BISCHOPING OWWO #1  
**Unique Well ID** DST #1, LKC "180' ZONE", 4432-4475  
**Surface Location** SEC 19-3S-36W, RAWLINS CO. KS.  
**Field** WILDCAT  
**Well Type** Vertical  
**Test Type** CONVENTIONAL  
**Formation** DST #1, LKC "180' ZONE", 4432-4475  
**Well Fluid Type** 01 Oil

**Representative** TIM VENTERS  
**Well Operator** RAYMOND OIL COMPANY, INC.  
**Report Date** 2014/08/15  
**Prepared By** TIM VENTERS  
**Qualified By** KIM SHOEMAKER

**Start Test Date** 2014/08/15  
**Final Test Date** 2014/08/15

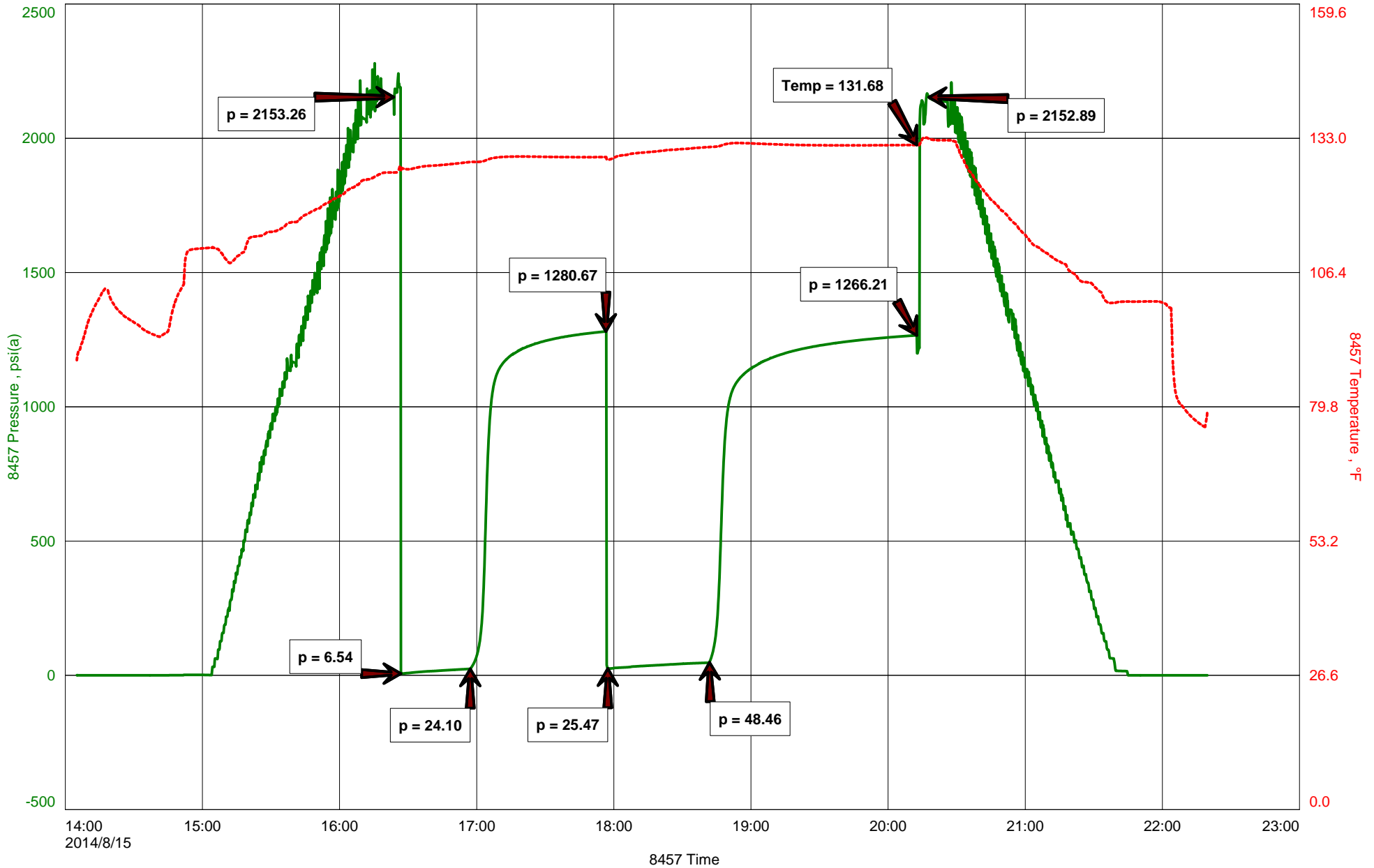
**Start Test Time** 15:05:00  
**Final Test Time** 22:20:00

### Test Recovery:

**RECOVERED: 270' GAS IN PIPE**  
45' SMCO, 88% OIL, 12% MUD, GRAVITY: 35  
65' G,VHMCO, 7% GAS, 48% OIL, 45% MUD  
110' TOTAL FLUID

**TOOL SAMPLE: 90% OIL, 10% MUD**

# BISCHOPING OWWO #1





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

TIME ON: 14:05  
 TIME OFF: 22:20

**DRILL-STEM TEST TICKET**  
 FILE: BISCHOPINGOWWO1DST1

Company RAYMOND OIL COMPANY, INC. Lease & Well No. BISCHOPING OWWO #1  
 Contractor L.D. DRILLING, INC. RIG #1 Charge to RAYMOND OIL COMPANY, INC.  
 Elevation 3358 KB Formation LKC "180" ZONE Effective Pay \_\_\_\_\_ Ft. Ticket No. T376  
 Date 8-15-14 Sec. 19 Twp. 3 S Range 36 W County RAWLINS State KANSAS  
 Test Approved By KIM SHOEMAKER Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 1 Interval Tested from 4432 ft. to 4475 ft. Total Depth 4475 ft.  
 Packer Depth 4427 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 4432 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 4413 ft. Recorder Number 8457 Cap. 10,000 P.S.I.  
 Bottom Recorder Depth (Outside) 4472 ft. Recorder Number 11029 Cap. 5,025 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
 Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 1,000 P.P.M. Drill Pipe Length 4399 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 43 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: WEAK SURFACE BLOW, BUILDING TO 8 1/2 INCHES. (NO BB)  
 2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 31 MIN. (NO BB)

Recovered 270 ft. of GAS IN PIPE  
 Recovered 45 ft. of SMCO, 88% OIL, 12% MUD, GRAVITY: 35  
 Recovered 65 ft. of G,VHMCO, 7% GAS, 48% OIL, 45% MUD  
 Recovered 110 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 90% OIL, 10% MUD	Total

Time Set Packer(s) 4:26 PM A.M. P.M. Time Started Off Bottom 8:11 PM A.M. P.M. Maximum Temperature 132 deg.

Initial Hydrostatic Pressure..... (A) 2153 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 24 P.S.I.  
 Initial Closed In Period..... Minutes 60 (D) 1281 P.S.I.  
 Final Flow Period..... Minutes 45 (E) 25 P.S.I. to (F) 48 P.S.I.  
 Final Closed In Period..... Minutes 90 (G) 1266 P.S.I.  
 Final Hydrostatic Pressure..... (H) 2153 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.