



**DIAMOND TESTING, LLC**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (520) 653-7560 • (800) 542-7313  
 cross4dst2

Company Mollor Oil, Inc. Lease & Well No. Cross No. 4  
 Elevation 1571 KB Formation Viola Effective Pay      Ft. Ticket No. K058  
 Date 11-16-13 Sec. 31 Twp. 29S Range 8W County Kingman State Kansas  
 Test Approved By Max N. Lovely Diamond Representative Jason McLamore

Formation Test No. 2 Interval Tested from 4,440 ft. to 4,454 ft. Total Depth 4,454 ft.  
 Packer Depth 4,435 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
 Packer Depth 4,440 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
 Depth of Selective Zone Sat      ft.

Top Recorder Depth (Inside) 4,420 ft. Recorder Number 5513 Cap. 5,000 gal.  
 Bottom Recorder Depth (Outside) 4,421 ft. Recorder Number 5588 Cap. 6,000 gal.  
 Below Straddle Recorder Depth      ft. Recorder Number      Cap.      gal.

Drilling Contractor Hardt Drilling, LLC - Rig 1 Drill Collar Length 120 ft. I.D. 2 1/4  
 Mud Type Chemical Viscosity 45 Weight Pipe Length      ft. I.D.       
 Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4,287 ft. I.D. 3 1/2  
 Chlorides 2,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF  
 Jars: Make Sterling Serial Number 7 Anchor Length 14 ft. Size 4 1/2-FH  
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH

Blow: 1st Open: Weak blow increasing to 1 1/2 ins. No blow back during shut-in.  
 2nd Open: Weak blow increasing to 3 ins. No blow back during shut-in.

Recovered 15 ft. of very slightly oil cut mud = .073800 bbls. (Grind out: 2% oil, 98% mud)

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Remarks Tool Sample Grind Out: Mud w/oil scum

Time Set Packer(s) 2:05 A.M. Time Started off Bottom 5:50 A.M. Maximum Temperature 121°  
 Initial Hydrostatic Pressure 2137 P.S.I. (A)  
 Initial Flow Period 30 Minutes (B) 14 P.S.I. to (C) 19 P.S.I.  
 Initial Closed In Period 45 Minutes (D) 359 P.S.I.  
 Final Flow Period 60 Minutes (E) 28 P.S.I. to (F) 33 P.S.I.  
 Final Closed In Period 90 Minutes (G) 1142 P.S.I.  
 Final Hydrostatic Pressure 2097 P.S.I. (H)