



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
stueck1dst2

Page 1 of 2 Pages

Company RJM Oil Company, Inc. Lease & Well No. Stueckemann No. 1  
Elevation 1820 GL Formation Lansing "D - F" Effective Pay      Ft. Ticket No. S0406  
Date 11-11-13 Sec. 23 Twp. 19S Range 12W County Barton State Kansas  
Test Approved By Wyatt Urban Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3,172 ft. to 3,196 ft. Total Depth 3,196 ft.  
Packer Depth 3,167 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 3,172 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,153 ft. Recorder Number 8471 Cap. 10,000 psi.  
Bottom Recorder Depth (Outside) 3,175 ft. Recorder Number 5515 Cap. 5,000 psi.  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 2 Drill Collar Length      ft. I.D.      in.  
Mud Type Chemical Viscosity 49 Weight Pipe Length      ft. I.D.      in.  
Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 3,139 ft. I.D. 3 1/2 in.  
Chlorides 4,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number 4 Anchor Length 24 ft. Size 4 1/2-FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 2 1/2 in. blow increasing. Off bottom of bucket in 3 mins. No blow back during shut-in.

2nd Open: Weak, 3 in. blow increasing. Off bottom of bucket in 10 3/4 mins. Weak, surface blow back during shut-in.

Recovered 429 ft. of gas in pipe  
Recovered 67 ft. of slightly oil & gas cut heavy water cut mud = .953410 bbls. (Grind out: 10%-gas; 8%-oil; 35%-water; 47%-mud) Chlorides: 35,000 Ppm PH: 7.0 RW: .3 @ 40°  
Recovered 67 ft. of TOTAL FLUID = .953410 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Remarks Tool Sample Grind Out: 8%-oil; 47%-water; 45%-mud  
Diesel in bucket.

Time Set Packer(s) 11:16 P.M. Time Started off Bottom 1:16 A.M. Maximum Temperature 104°  
Initial Hydrostatic Pressure.....(A) 1514 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 19 P.S.I. to (C) 34 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 386 P.S.I.  
Final Flow Period.....Minutes 30 (E) 33 P.S.I. to (F) 51 P.S.I.  
Final Closed In Period.....Minutes 30 (G) 335 P.S.I.  
Final Hydrostatic Pressure.....(H) 1512 P.S.I.