



**DIAMOND TESTING, LLC**

P.O. Box 157

**HOISINGTON, KANSAS 67544**

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STC/Roesler3dst3

Company Prolific Resources, LLC Lease & Well No. Roesler No. 3  
 Elevation 2047 KB Formation Mississippi Chert Effective Pay \_\_\_\_\_ Ft. Ticket No. J3337  
 Date 3-20-15 Sec. 2 Twp. 22S Range 18W County Pawnee State Kansas  
 Test Approved By Robert T. (Bob) Stolzle Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,083 ft. to 4,120 ft. Total Depth 4,120 ft.  
 Packer Depth 4,078 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4,083 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 4,086 ft. Recorder Number 30046 Cap. 6,000 psi.  
 Bottom Recorder Depth (Outside) 4,117 ft. Recorder Number 13498 Cap. 6,000 psi.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Royal Drilling, Inc. - Rig 1 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Mud Type Chemical Viscosity 60 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
 Weight 8.8 Water Loss 7.2 cc. Drill Pipe Length 4,057 ft I.D. 3 1/2 in.  
 Chlorides 6,000 P.P.M. Test Tool Length 26 ft Tool Size 3 1/2-IF in.  
 Jars: Make Sterling Serial Number 1 Anchor Length 37 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: Strong blow increasing. Off bottom of bucket in 5 mins. Good blow back during shut-in.  
 2nd Open: Strong blow increasing. Gas to surface in 5 mins. Gauged 2 MCF/D. Weak blow back during shut-in.

Recovered 290 ft. of gas cut mud = 4.126700 bbls. (Grind out: 30%-gas; 70%-mud)  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks Tool Sample Grind Out: 30%-gas; 70%-mud  
Gas was lit & it burned efficiently.

Time Set Packer(s) 2:05 A.M. Time Started off Bottom 6:05 A.M. Maximum Temperature 108°  
 Initial Hydrostatic Pressure.....(A) 2068 P.S.I.  
 Initial Flow Period.....Minutes 30 (B) 17 P.S.I. to (C) 72 P.S.I.  
 Initial Closed In Period.....Minutes 60 (D) 1147 P.S.I.  
 Final Flow Period.....Minutes 60 (E) 74 P.S.I. to (F) 132 P.S.I.  
 Final Closed In Period.....Minutes 90 (G) 1534 P.S.I.  
 Final Hydrostatic Pressure.....(H) 2036 P.S.I.