



**DIAMOND TESTING**  
 P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
 (800) 542-7313  
**DRILL-STEM TEST TICKET**  
 FILE: SCHMIDT1DST2

TIME ON: 3:40 AM  
 TIME OFF: 12:25 PM

Company Range Oil Co., Inc. Lease & Well No. Schmidt B #1  
 Contractor Summit Drlg. Co. Charge to Range oil Co., Inc.  
 Elevation 1,298' KB Formation Cherokee Sand Effective Pay \_\_\_\_\_ Ft. Ticket No. F184  
 Date 10-7-13 Sec. 21 Twp. 21 S Range \_\_\_\_\_ 10E W County Lyon State KANSAS  
 Test Approved By Ken Wallace Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 2078 ft. to 2110 ft. Total Depth 2110 ft.  
 Packer Depth 2073 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Packer Depth 2078 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2061 ft. Recorder Number 0062 Cap. 5,000 P.S.I.  
 Bottom Recorder Depth (Outside) 2082 ft. Recorder Number 5951 Cap. 5,000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.  
 Mud Type Chemical Viscosity 56 Drill Collar Length 310 ft. I.D. 2 1/4 in.  
 Weight 9.4 Water Loss 9.2 cc. Weight Pipe Length \_\_\_\_\_ ft. I.D. 2 7/8 in.  
 Chlorides 900 P.P.M. Drill Pipe Length 1740 ft. I.D. 3 1/2 in.  
 Jars: Make STERLING Serial Number #5 (Safet Joint Only) Test Tool Length 28 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 32 ft. Size 4 1/2-FH in.  
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 3.5"XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Quarter inch blow, increased to one inch in bucket.  
 2nd Open: Surface blow, increased to half inch in bucket.

|                                       |                        |
|---------------------------------------|------------------------|
| Recovered <u>10</u> ft. of <u>OSM</u> | <u>2% oil, 98% mud</u> |
| Recovered _____ ft. of <u>No GIP</u>  |                        |
| Recovered _____ ft. of _____          |                        |
| Recovered _____ ft. of _____          |                        |
| Recovered _____ ft. of _____          | Price Job              |
| Recovered _____ ft. of _____          | Other Charges          |
| Remarks: _____                        | Insurance              |
|                                       | Total                  |

Time Set Packer(s) 6:16 AM A.M. P.M. Time Started Off Bottom 9:16 AM A.M. P.M. Maximum Temperature 97 Deg F  
 Initial Hydrostatic Pressure..... (A) 1051 P.S.I.  
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 14 P.S.I.  
 Initial Closed In Period..... Minutes 30 (D) 616 P.S.I.  
 Final Flow Period..... Minutes 60 (E) 15 P.S.I. to (F) 21 P.S.I.  
 Final Closed In Period..... Minutes 60 (G) 547 P.S.I.  
 Final Hydrostatic Pressure..... (H) 1051 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.