



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SCHMIDT1DST1

TIME ON: 11:41 AM
TIME OFF: 8:13 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. F183
Date 10-6-13 Sec. 21 Twp. 21 S Range 10E W County Lyon State KANSAS
Test Approved By Ken Wallace Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 1,960 ft. to 2,076 ft. Total Depth 2,076 ft.
Packer Depth 1,955 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 1,960 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 1,943 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 2,060 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 1,622 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 116 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 3.5"XH in. ^{19' PERF-3"TOP-16"BTM} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Half inch blow, increased to 3" in bucket.
2nd Open: Half inch blow, increased to 9.5" in bucket.

Recovered 63 ft. of OSM 3% Oil, 97% Mud
Recovered _____ ft. of 60' +/- Gas In Pipe
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 2:30 PM A.M. P.M. Time Started Off Bottom 5:30 PM A.M. P.M. Maximum Temperature 95 Deg F
Initial Hydrostatic Pressure..... (A) 976 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 23 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 382 P.S.I.
Final Flow Period..... Minutes 60 (E) 28 P.S.I. to (F) 40 P.S.I.
Final Closed In Period..... Minutes 60 (G) 297 P.S.I.
Final Hydrostatic Pressure..... (H) 976 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.