



**DIAMOND TESTING, LLC**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(620) 653-7550 • (800) 542-7313  
STC/Stremel1dst1

Company Richlan Drilling Lease & Well No. Stremel No. 1  
Elevation 1964 KB Formation Lansing/Kansas City "A-E" Effective Pay \_\_\_\_\_ Ft. Ticket No. J3295  
Date 9-26-14 Sec. 18 Twp. 16S Range 16W County Rush State Kansas  
Test Approved By Robert A. (Bob) Schreiber Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,240 ft. to 3,335 ft. Total Depth 3,335 ft.  
Packer Depth 3,235 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3,240 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_ ft.

Top Recorder Depth (Inside) 3,243 ft. Recorder Number 30046 Cap. 6,000 psi.  
Bottom Recorder Depth (Outside) 3,332 ft. Recorder Number 13498 Cap. 6,000 psi.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ psi.

Drilling Contractor Ninnescah Drilling, LLC - Rig 101 Drill Collar Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Mud Type Chemical Viscosity 46 Weight Pipe Length \_\_\_\_\_ ft I.D. \_\_\_\_\_ in.  
Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 3,220 ft I.D. 3 1/2 in.  
Chlorides 3,400 P.P.M. Test Tool Length 20 ft Tool Size 3 1/2-IF in.  
Jars: Make Sterling Serial Number Not Run Anchor Length 32' perf. w/63' drill pipe 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 to 10 1/2 ins. No blow back during shut-in.

2nd Open: Good blow increasing to 8 ins. No blow back during shut-in.

Recovered 180 ft. of water cut mud = 2.561400 bbls. (Grind out: 30%-water; 70%-mud) Chlorides: 40,000 Ppm  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks Tool Sample Grind Out: 50%-water; 50%-mud

Time Set Packer(s) 6:20 P.M. Time Started off Bottom 8:50 P.M. Maximum Temperature 108°  
Initial Hydrostatic Pressure.....(A) 1542 P.S.I.  
Initial Flow Period.....Minutes 30 (B) 16 P.S.I. to (C) 53 P.S.I.  
Initial Closed In Period.....Minutes 30 (D) 938 P.S.I.  
Final Flow Period.....Minutes 45 (E) 54 P.S.I. to (F) 99 P.S.I.  
Final Closed In Period.....Minutes 45 (G) 901 P.S.I.  
Final Hydrostatic Pressure.....(H) 1504 P.S.I.

**Diamond Testing General Report**

**John Riedl**  
**TESTER**  
**CELL: 620-793-0550**

**General Information**

Company Name	<b>RICHLAN DRILLING</b>	Job Number	<b>J3295</b>
Contact	<b>RICK SCHREIBER</b>	Representative	<b>JOHN RIEDL</b>
Well Name	<b>STREMEL #1</b>	Well Operator	<b>RICHLAN DRILLING</b>
Unique Well ID		Report Date	<b>2014/09/26</b>
Surface Location	<b>S18/16S/16W</b>	Prepared By	<b>JOHN RIEDL</b>
Field		Qualified By	<b>BOB SCHREIBER</b>

**Test Information**

Test Type	<b>DST #1 CONVENTIONAL</b>
Formation	<b>LKC "A-E"</b>
Well Fluid Type	
Test Purpose	

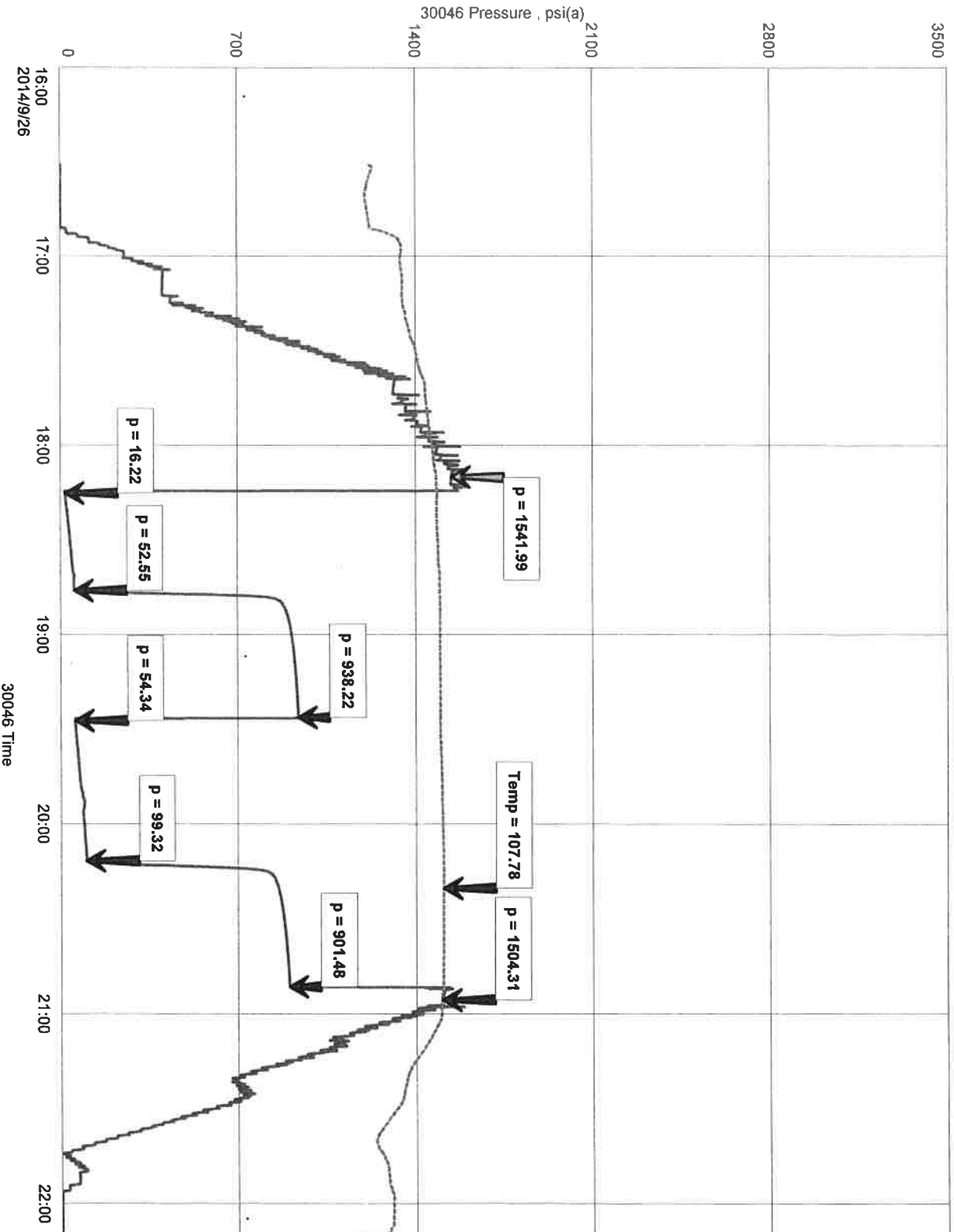
Start Test Date	<b>2014/09/26</b>	Start Test Time	<b>16:30:00</b>
Final Test Date	<b>2014/09/26</b>	Final Test Time	<b>22:40:00</b>

**Test Recovery**

**RECOVERY: 180' WATER CUT MUD 30% WATER, 70% MUD CHLORIDES: 40,000 PPM**

**TOOL SAMPLE: 50% WATER, 50% MUD**

# STREMEL #1



NICHOLAS RLB DSTJ  
STROMOZ # 9/26/04

ROCKBURY  
OUTPOST

