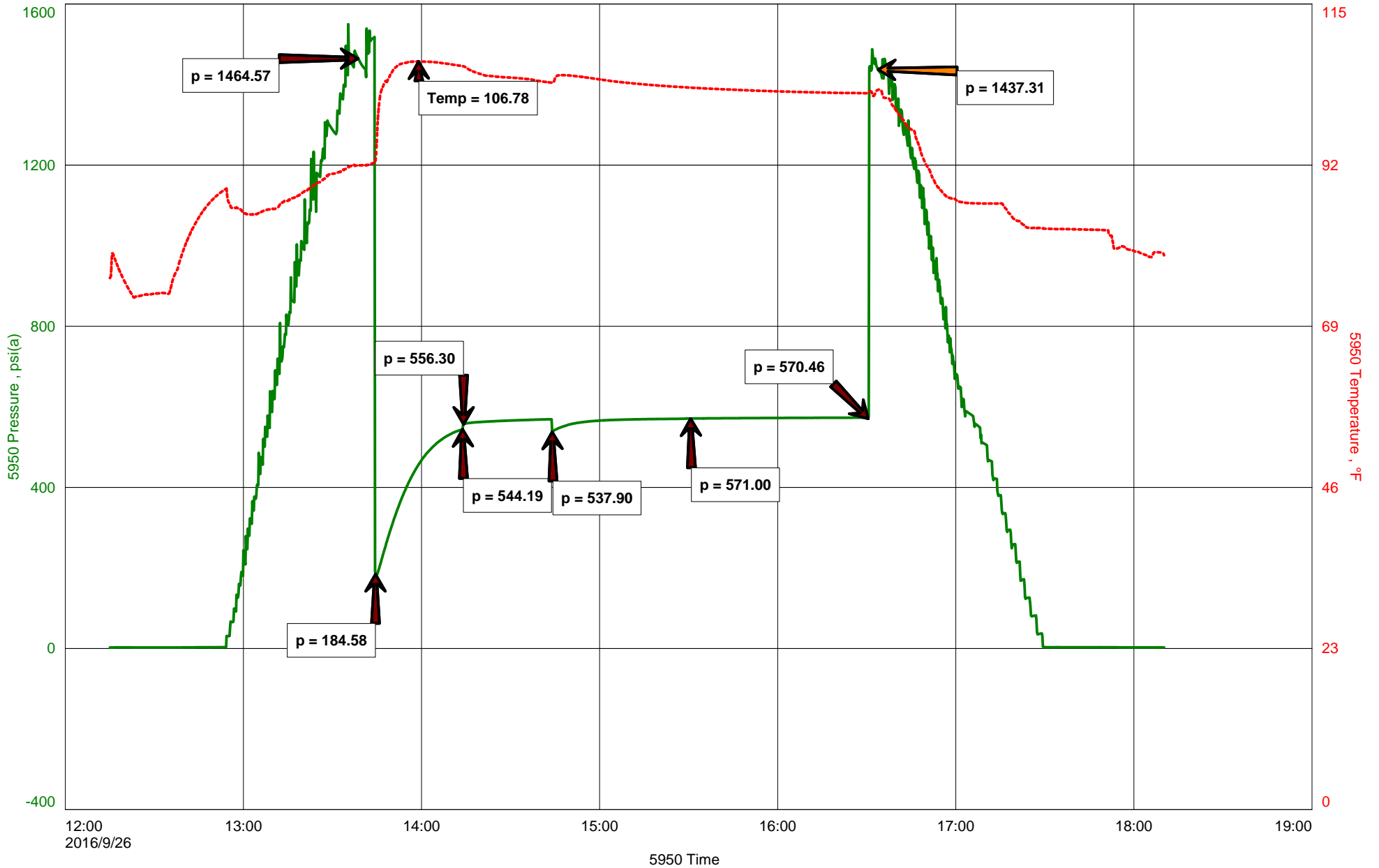


# Kaiser #1





Michael Carroll  
 620-617-0368  
 carroll.dtlc@gmail.com

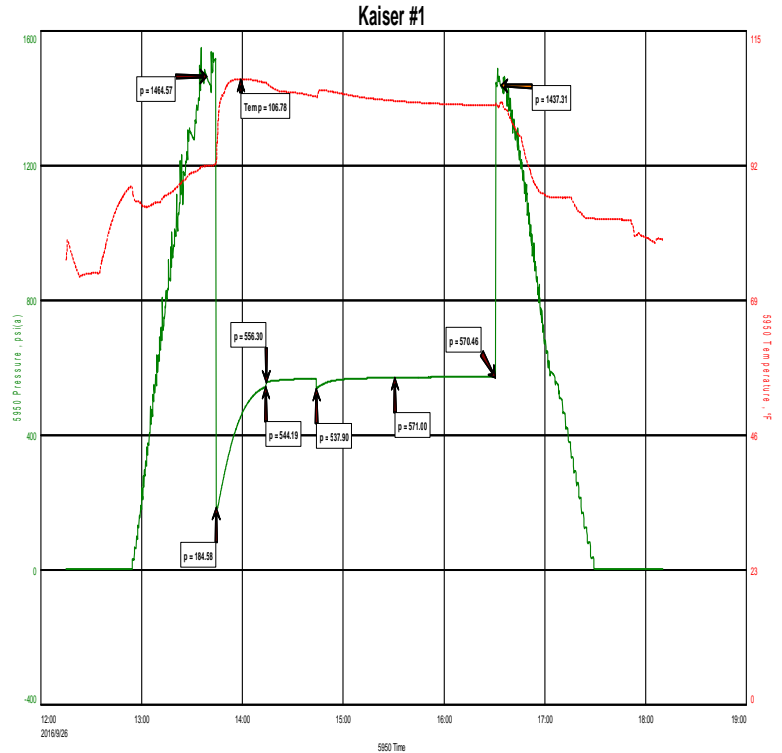
**Hoisington, Kansas**

**General Information**

**Company Name** H & D Exploration LLC

**Contact** Mitch Driscoll  
**Well Name** Kaiser #1  
**Unique Well ID** Dst #2 Lans D-F 3060-3100'  
**Surface Location** Sec 15-18s-11w Barton County  
**Field** Roesler West  
**Well Type** Vertical  
**Test Type** Drill Stem Test  
**Well Operator** H & D Exploration LLC

**Formation** Dst #2 Lans D-F 3060-3100'  
**Well Fluid Type** 01 Oil  
**Test Purpose** Initial Test  
**Start Test Date** 2016/09/26  
**Start Test Time** 12:15:00  
**Final Test Time** 18:10:00  
**Job Number** P0134  
**Report Date** 2016/09/26  
**Prepared By** Michael Carroll



**TEST RECOVERY**

**Remarks** Recovery: 15' Clean Oil Gravity 42 @ 60 Degrees

582' SLOCMCW 3%O 82%W 15%M

631' MCW 95%W 5%M

**Total Fluid:** 1228'

**Tool Sample:** 100%O

Chlorides 30000 PPM  
 RW .18 @ 70 Degrees  
 PH 7



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: KAISER#1DST#1

TIME ON: 1215  
TIME OFF: 1810

Company H&D EXPLORATION LLC Lease & Well No. KAISER #1  
Contractor SOUTHWIND DRLG RIG 3 Charge to H&D EXPLORATION LLC  
Elevation 1764 Formation LANS D-F Effective Pay \_\_\_\_\_ Ft. Ticket No. P0134  
Date 9-26-16 Sec. 15 Twp. 18 S Range 11 W County BARTON State KANSAS  
Test Approved By JIM MUSGROVE Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3060 ft. to 3100 ft. Total Depth 3100 ft.  
Packer Depth 3055 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 3060 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3048 ft. Recorder Number 5950 Cap. 5000 P.S.I.  
Bottom Recorder Depth (Outside) 3064 ft. Recorder Number 0230 Cap. 5000 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type Chem Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.  
Weight 8.7 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 7000 P.P.M. Drill Pipe Length 3035 ft. I.D. 3 1/2 in.  
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.  
Did Well Flow? NO Reversed Out NO Anchor Length 40 ft. Size 4 1/2-FH in.  
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: **5" BLOW-BUILT TO BOB IN 55 SECONDS** **NOBB**  
2nd Open: **1/2" BLOW-BUILT TO BOB IN 13 MINUTES** **NOBB**

Recovered 15 ft. of CLEAN OIL GRAVITY 42 @ 60 DEGREES CHLORIDES 30000 PPM  
Recovered 582 ft. of SLOCMCW 3%O 82%W 15%M RW .18 @ 70 DEGREES  
Recovered 631 ft. of MCW 95%W 5%M PH 7  
Recovered 1228 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 100%O</u>	Insurance
	Total

Time Set Packer(s) 1:45 P.M. A.M. P.M. Time Started Off Bottom 4:30 P.M. A.M. P.M. Maximum Temperature 107

Initial Hydrostatic Pressure..... (A) 1465 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 185 P.S.I. to (C) 544 P.S.I.  
Initial Closed In Period..... Minutes 30 (D) 556 P.S.I.  
Final Flow Period..... Minutes 45 (E) 538 P.S.I. to (F) 571 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 570 P.S.I.  
Final Hydrostatic Pressure..... (H) 1437 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.