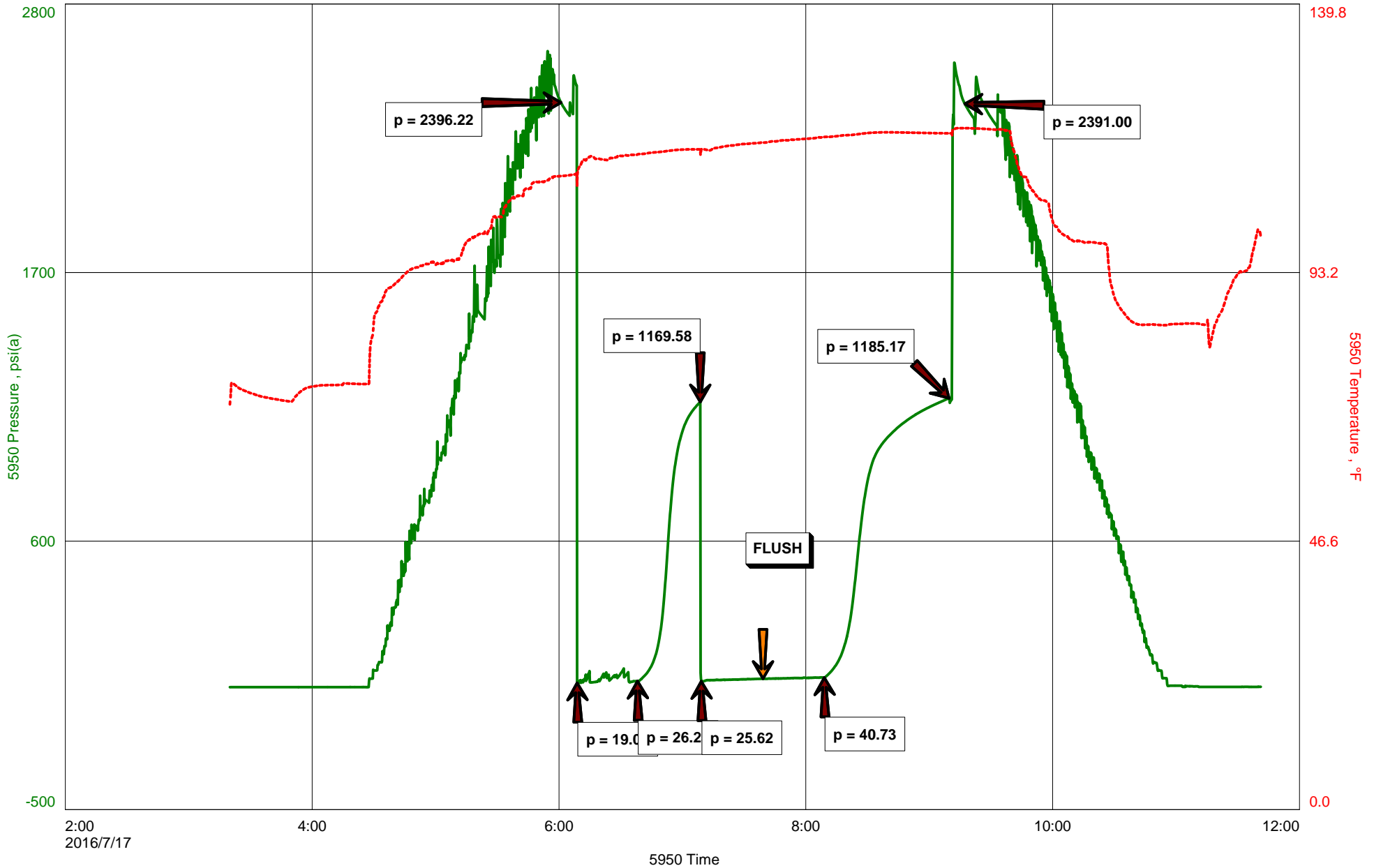


Durler #1



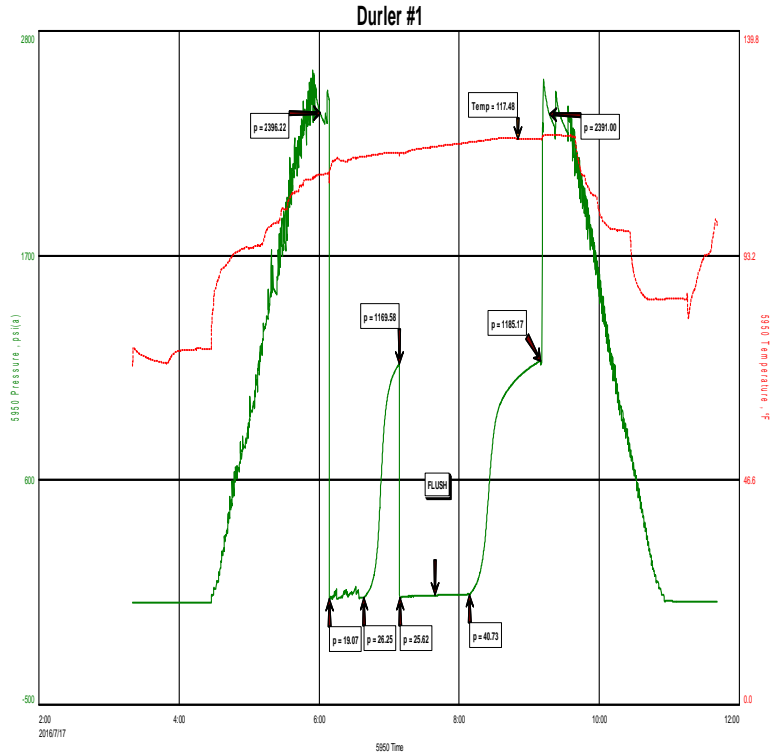


Hoisington, Kansas

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

General Information

Company Name	H&D Exploration LLC
Contact	Mitch Driscoll
Well Name	Durler #1
Unique Well ID	Dst #3 MISS 4767-4791'
Surface Location	Sec 32-24s-22w Hodgeman County
Field	F.A.R. SouthEast
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	H&D Exploration LLC
Formation	Dst #3 MISS 4767-4791'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2016/07/17
Start Test Time	03:20:00
Final Test Time	11:42:00
Job Number	P0114
Report Date	2016/07/17
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	94'	Gas In Pipe				
		63'	GCWCOM	8%G	35%O	12%W	45%M
	Total Fluid:	63'					
	Tool Sample:	87%O	10%W	3%M			
	Chlorides	8500 PPM					
	RW .8 @ 85 Degrees						
	PH 7						



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: DURLER#1DST#3

TIME ON: 0320
TIME OFF: 1142

Company H&D EXPLORATION LLC Lease & Well No. DURLER #1
Contractor SOUTHWIND DRLG RIG 8 Charge to H&D EXPLORATION LLC
Elevation 2420 Formation MISS Effective Pay _____ Ft. Ticket No. P0114
Date 7-17-16 Sec. 32 Twp. 24 S Range 22 W County HODGEMAN State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 4767 ft. to 4791 ft. Total Depth 4791 ft.
Packer Depth 4762 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4767 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4752 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4768 ft. Recorder Number 0230 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 12 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7000 P.P.M. Drill Pipe Length 4734 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 11 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 24 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: WSB-BUILT TO 1/2" IN 30 MINUTES **NOBB**
2nd Open: 1"BLOW-DIMINISHED TO 1/4" IN 30 MINUTES(FLUSHED TOOL)GOOD SURGE, STEADY 1/4" BLOW **NOBB**

Recovered 94 ft. of GAS IN PIPE CHLORIDES 8500 PPM
Recovered 63 ft. of GCWCOM 8%G 35%O 12%W 45%M RW .8 @ 85 DEGREES
Recovered 63 ft. of TOTAL FLUID PH 7

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>87%O 10%W 3%M</u>	Total

Time Set Packer(s) 6:07 A.M. A.M. P.M. Time Started Off Bottom 9:07 A.M. A.M. P.M. Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2396 P.S.I.
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 26 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1170 P.S.I.
Final Flow Period..... Minutes 60 (E) 26 P.S.I. to (F) 41 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1185 P.S.I.
Final Hydrostatic Pressure..... (H) 2391 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.