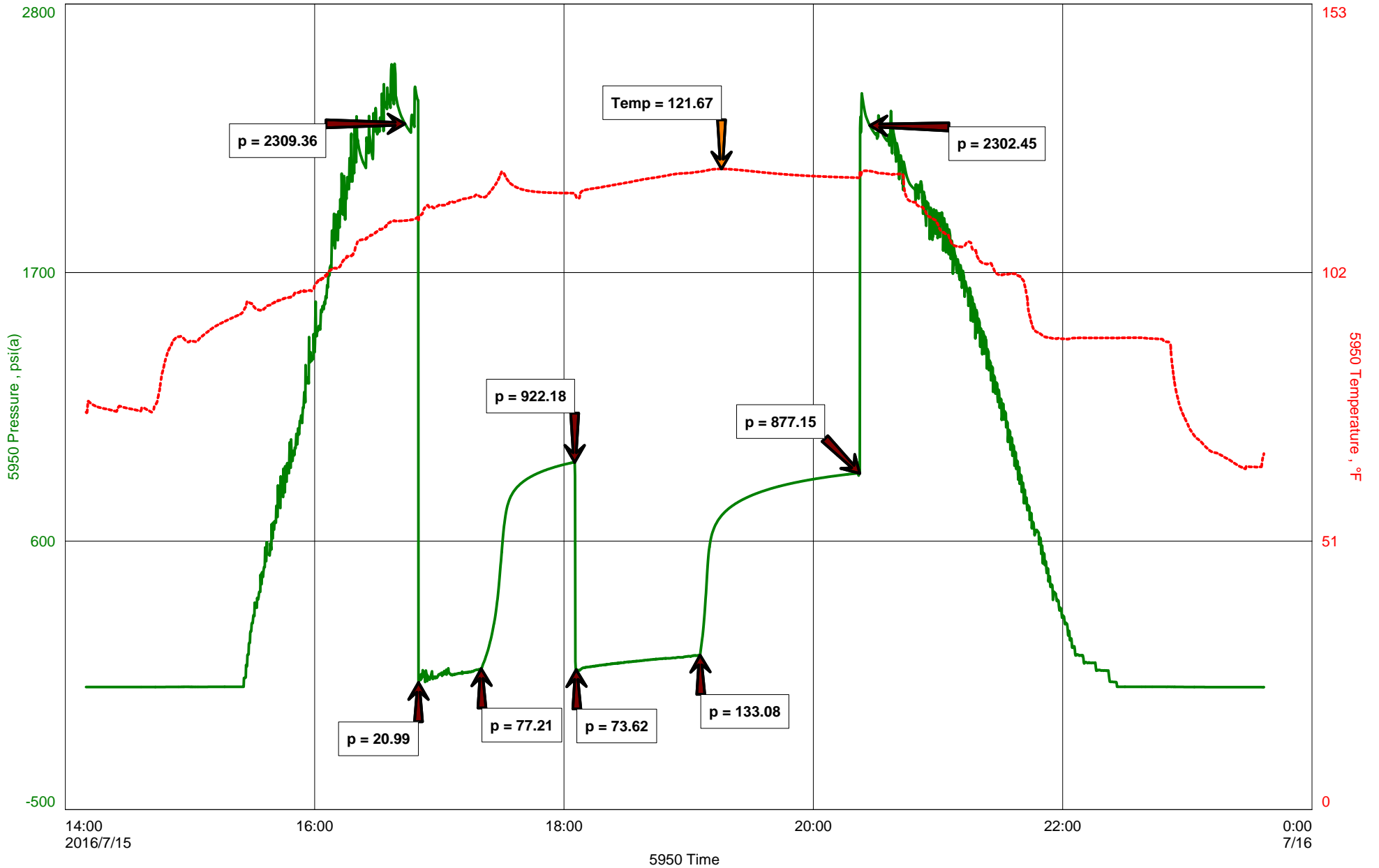


Durler #1





Hoisington, Kansas

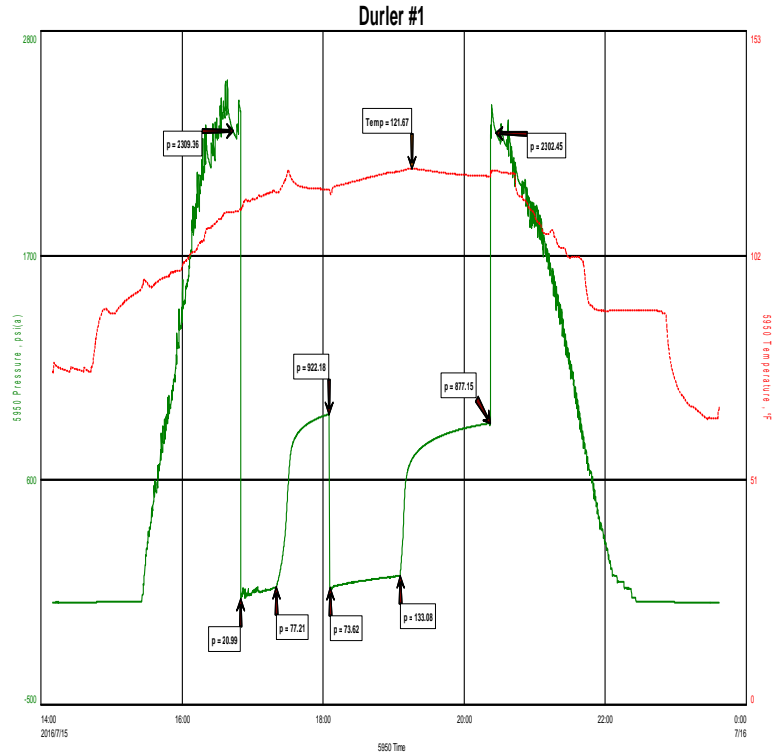
Michael Carroll
620-617-0368
carroll.dtlc@gmail.com

General Information

Company Name H&D Exploration LLC

Contact	Mitch Driscoll
Well Name	Durler #1
Unique Well ID	Dst #1 Cherokee LS 4677-4731'
Surface Location	Sec 32-24s-22w
Field	F.A.R. SouthEast
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	H&D Exploration LLC

Formation	Dst #1 Cherokee LS 4677-4731'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2016/07/15
Start Test Time	14:10:00
Final Test Time	23:35:00
Job Number	P0112
Report Date	2016/07/15
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	2475'	Gas In Pipe			
		86'	OCWCM 15%O	12%W	73%M	
		189'	WCMCO 80%O	10%W	10%M	
	Total Fluid:	275'				
	Tool Sample:	100%O				
	Chlorides	9500PPM				
	RW .9 @ 60 Degrees					
	PH 7					



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

TIME ON: 1410
TIME OFF: 2335

Company H&D EXPLORATION LLC Lease & Well No. DURLER #1
Contractor SOUTHWIND DRLG RIG 8 Charge to H&D EXPLORATION LLC
Elevation 2420 Formation CHEROKEE LS Effective Pay _____ Ft. Ticket No. P0112
Date 7-15-16 Sec. 32 Twp. 24 S Range 22 W County HODGEMAN State KANSAS
Test Approved By JIM MUSGROVE Diamond Representative Michael Carroll

Formation Test No. 1 Interval Tested from 4677 ft. to 4731 ft. Total Depth 4731 ft.
Packer Depth 4672 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4677 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4662 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4714 ft. Recorder Number 0230 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type Chem Viscosity 46 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7000 P.P.M. Drill Pipe Length 4644 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 54(22.5A) 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: 1/4" BLOW-BUILT TO BOB IN 5 MINUTES 15 SECONDS NOBB
2nd Open: 4" BLOW-BUILT TO BOB IN 1 MINUTE 40 SECONDS 1 1/2" BB

Recovered 2475 ft. of GAS IN PIPE CHLORIDES 9500 PPM
Recovered 86 ft. of OCWCM 15%O 12%W 73%M RW .9 @ 60 DEGREES
Recovered 189 ft. of WCMCO 80%O 10%W 10%M PH 7
Recovered 275 ft. of TOTAL FLUID

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

Time Set Packer(s) 4:45 P.M. A.M. P.M. Time Started Off Bottom 8:15 P.M. A.M. P.M. Maximum Temperature 122
Initial Hydrostatic Pressure..... (A) 2309 P.S.I.
Initial Flow Period..... Minutes 30 (B) 21 P.S.I. to (C) 77 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 922 P.S.I.
Final Flow Period..... Minutes 60 (E) 74 P.S.I. to (F) 133 P.S.I.
Final Closed In Period..... Minutes 75 (G) 877 P.S.I.
Final Hydrostatic Pressure..... (H) 2302 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.