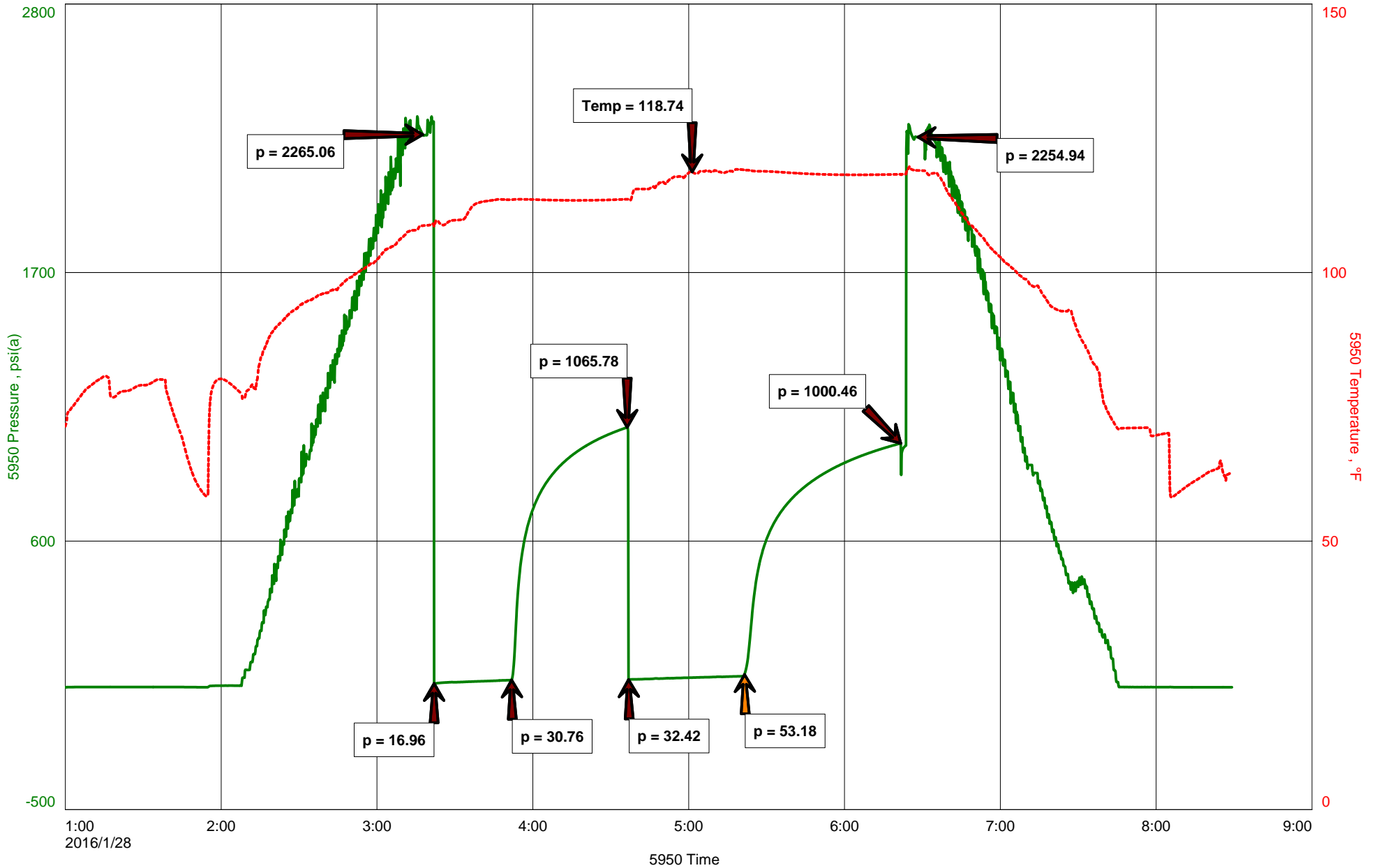


L.D. Drilling Inc
Dst #4 Cherokee Sand 4582-4642'
Start Test Date: 2016/01/28
Final Test Date: 2016/01/28

Riebel #1-9
Formation: Dst #4 Cherokee Sand 4582-4642'
Pool: Infield
Job Number: P0102

Riebel #1-9





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

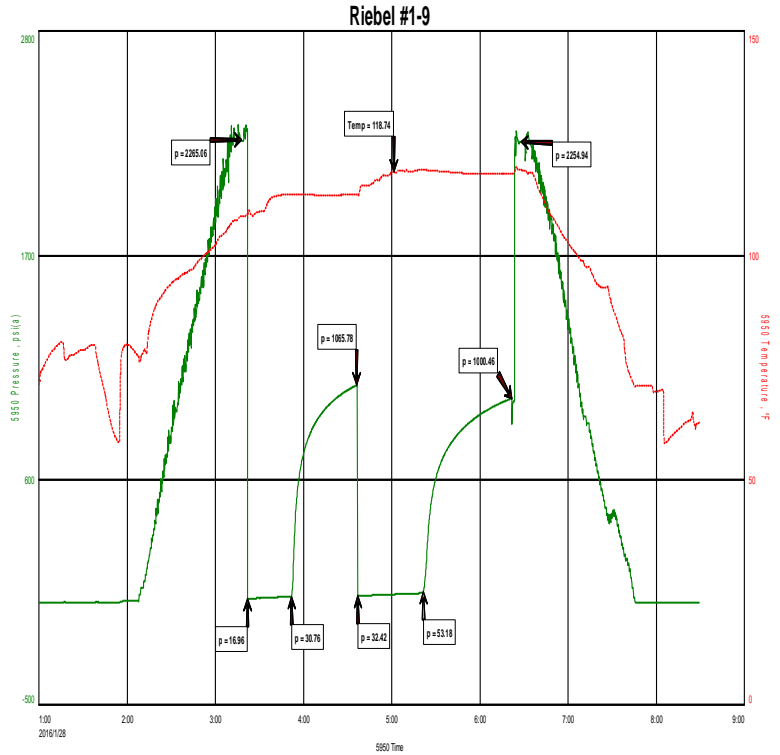
Hoisington, Kansas

General Information

Company Name L.D. Drilling Inc

Contact	L.D. Davis
Well Name	Riebel #1-9
Unique Well ID	Dst #4 Cherokee Sand 4582-4642'
Surface Location	Sec9-19s-27w Lane County
Field	Alamota South
Well Type	Vertical
Test Type	Drill Stem Test
Well Operator	L.D. Drilling Inc

Formation	Dst #4 Cherokee Sand 4582-4642'
Well Fluid Type	01 Oil
Test Purpose	Initial Test
Start Test Date	2016/01/28
Start Test Time	01:00:00
Final Test Time	08:30:00
Job Number	P0102
Report Date	2016/01/28
Prepared By	Michael Carroll



TEST RECOVERY

Remarks	Recovery:	8'	Clean Oil	Gravity 35 @ 60 Degrees
		62'	SLOCM 2%O	98%M
	Total Fluid:	70'		
	Tool Sample:	12%O	8%W	80%M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RIEBEL1-9DST#4

TIME ON: 0100
TIME OFF: 0830

Company L.D. DRILLING INC Lease & Well No. RIEBEL #1-9
Contractor L.D. DRILLING Charge to L.D. DRILLING INC
Elevation 2707EST Formation CHEROKEE SAND Effective Pay _____ Ft. Ticket No. P0102
Date 1-28-16 Sec. 9 Twp. _____ 19 S Range _____ 27 W County LANE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative Michael Carroll

Formation Test No. 4 Interval Tested from 4582 ft. to 4642 ft. Total Depth 4642 ft.
Packer Depth 4577 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4582 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4570 ft. Recorder Number 5950 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4619 ft. Recorder Number 0230 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 48 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.7 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 4200 P.P.M. Drill Pipe Length 4549 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 60(28.5A) 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 3 3/4" IN 30 MINUTES WSBB
2nd Open: WSB-BUILT TO 2" IN 45 MINUTES NOBB

Recovered 8 ft. of CLEAN OIL GRAVITY 35 @ 60 DEGREES
Recovered 62 ft. of SLOCM 2%O 98%M
Recovered 70 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>12%O 8%W 80%M</u>	Total

Time Set Packer(s) 3:20 A.M. A.M. P.M. Time Started Off Bottom 6:20 A.M. A.M. P.M. Maximum Temperature 119

Initial Hydrostatic Pressure..... (A) 2265 P.S.I.
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 31 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1066 P.S.I.
Final Flow Period..... Minutes 45 (E) 32 P.S.I. to (F) 53 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1000 P.S.I.
Final Hydrostatic Pressure..... (H) 2255 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.