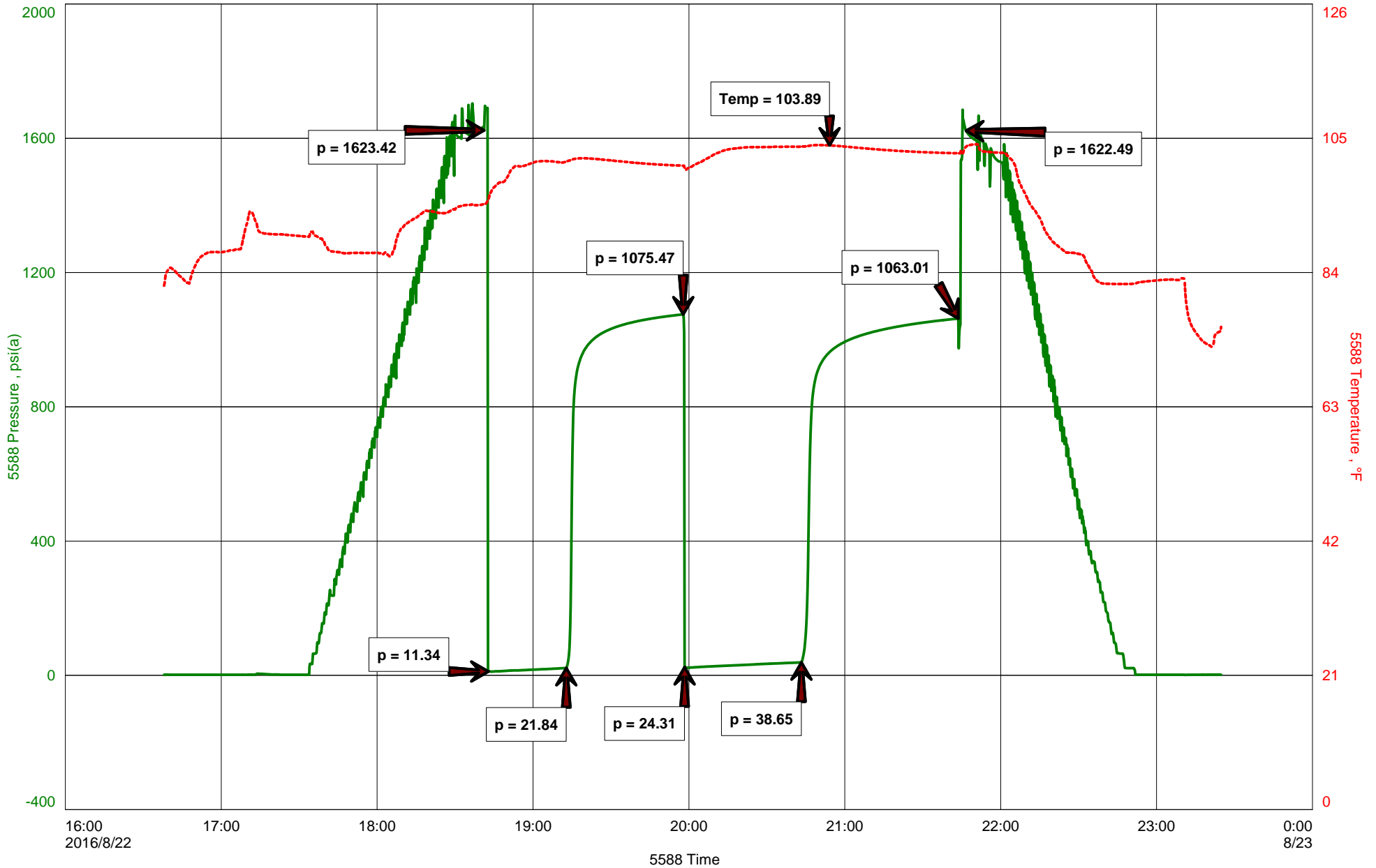


JENISCH #3-34





ROGER D. FRIEDLY

CELL # 620-793-2043

General Information

Company Name	L.D. DRILLING, INC.	MARILYN DAVIS	Job Number	
Contact		JENISCH #3-34	Representative	ROGER D. FRIEDLY
Well Name		DEST #4 ARBUCKLE 3,367' - 3,376'	Well Operator	L.D. DRILLING, INC.
Unique Well ID		SEC 34, 16S-12W BARTON CNTY	Prepared By	ROGER D. FRIEDLY
Surface Location			Qualified By	KIM SHOEMAKER
Field		Vertical	Test Unit	
Well Type				

Test Information

Test Type	CONVENTIONAL	Representative	ROGER D. FRIEDLY
Formation	DEST #4 ARBUCKLE 3,367' - 3,376'	Well Operator	L.D. DRILLING, INC.
Well Fluid Type	01 Oil	Report Date	2016/08/22
Test Purpose (AEUB)	Initial Test	Prepared By	ROGER D. FRIEDLY
Start Test Date	2016/08/22	Start Test Time	16:38:00
Final Test Date	2016/08/22	Final Test Time	23:25:00

Test Results

RECOVERED: 70 CLEAN OIL 33.5 GRAVITY @ 60 DEG
 10 SLTWCOM 16% OIL, 4% WTR, 80% MUD
 80 TOTAL FLUID

TOOL SAMPLE: 44% OIL, 6% WTR, 50% MUD

CHLORIDES: 7,000 Ppm
 PH 8.0
 RW .5 @ 75 DEG.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: jenisch3-34dst4

TIME ON: 16:38
TIME OFF: 23:25

Company L.D. DRILLING, INC Lease & Well No. JENISCH #3-34
Contractor MARILYN DAVIS Charge to L.D. DRILLING, INC.
Elevation 1908 KB Formation _____ ARB Effective Pay _____ Ft. Ticket No. _____
Date 08-22-16 Sec. 34 Twp. _____ 16 S Range _____ 12 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 3,367 ft. to 3,376 ft. Total Depth 3,376 ft.
Packer Depth 3,362 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,367 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3,353 ft. Recorder Number 5588 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 3,370 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 50 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 7,700 P.P.M. Drill Pipe Length 3,335 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? No Reversed Out No Anchor Length 9 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: WEAK SURFACE BLOW INCREASING TO 4 1/4" (NOBB)
2nd Open: WEAK SURFACE BLOW INCREASING TO 4 1/2" (NOBB)

Recovered 70 ft. of CLEAN OIL 33.5 GRAVITY @ 60 DEG
Recovered 10 ft. of SLTWCOM 16% OIL, 4% WTR, 80% MUD
Recovered 80 ft. of TOTAL FLUID CHLORIDES 7,000
Recovered _____ ft. of PH 8.0

Recovered _____ ft. of <u>RW .5 @ 75 DEH</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOOL SAMPLE: 44% OIL, 6% WTR, 50% MUD</u>	Insurance
_____	Total

Time Set Packer(s) 6:42 P.M. A.M. P.M. Time Started Off Bottom 9:42 A.M. A.M. P.M. Maximum Temperature 104

Initial Hydrostatic Pressure..... (A) 1623 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1075 P.S.I.
Final Flow Period..... Minutes 45 (E) 24 P.S.I. to (F) 39 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1063 P.S.I.
Final Hydrostatic Pressure..... (H) 1622 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.