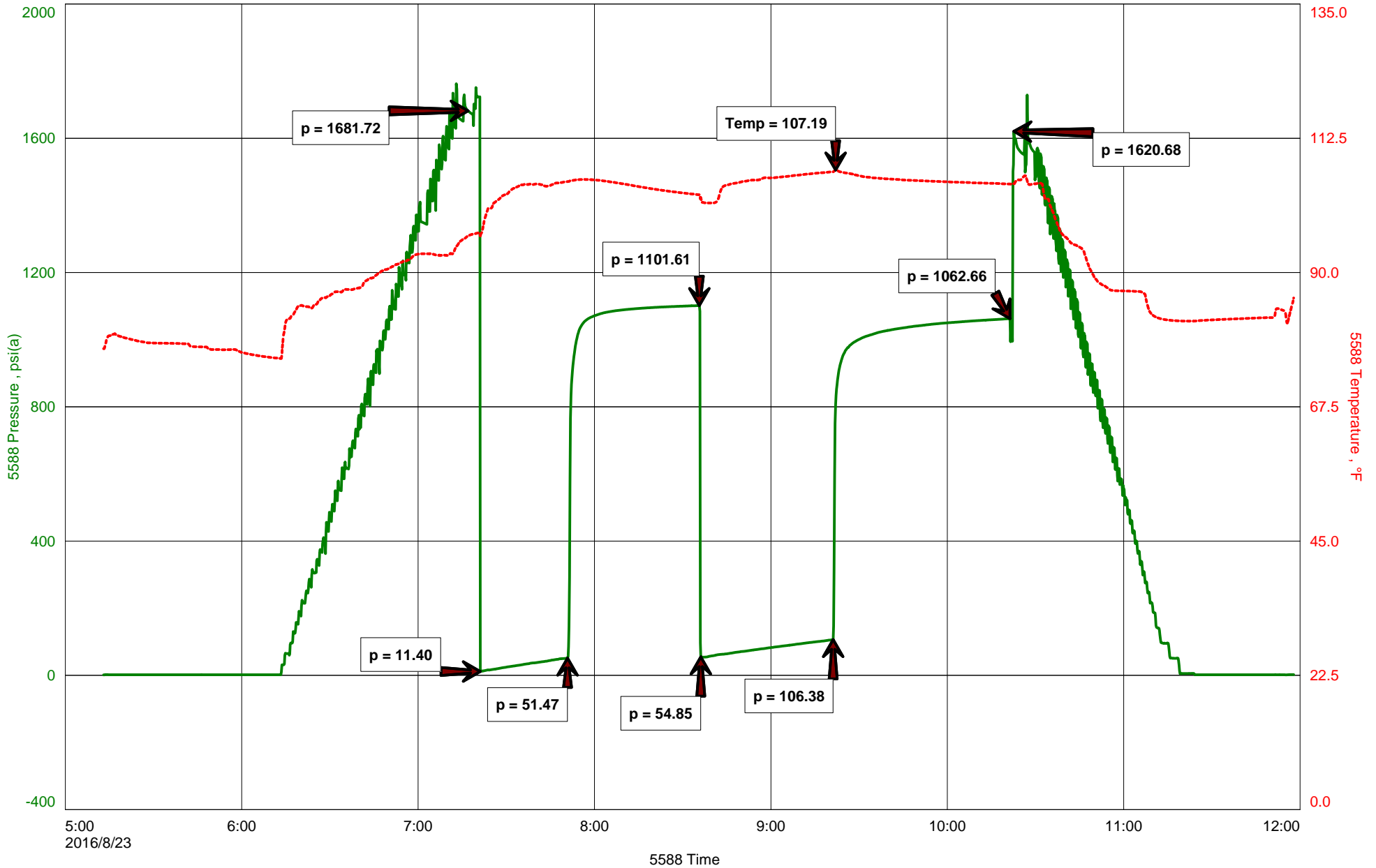


L.D. DRILLING, INC.
DST #5 ARBUCKLE 3,372' - 3,382'
Start Test Date: 2016/08/23
Final Test Date: 2016/08/23

JENISCH #3-34
Formation: DST #5 ARBUCKLE 3,372' - 3,382'

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		DST #5 ARBUCKLE 3,372' - 3,382'	Well Operator	L.D. DRILLING, INC.
Unique Well ID		SEC 34-16S-12W	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	DST #5 ARBUCKLE 3,372' - 3,382'	Well Operator	L.D. DRILLING, INC.
Well Fluid Type	01 Oil	Report Date	2016/08/23
Test Purpose (AEUB)		Prepared By	ROGER D. FRIEDLY

Start Test Date	2016/08/23	Start Test Time	05:13:00
Final Test Date	2016/08/23	Final Test Time	11:57:00

Test Results

RECOVERED:	193'	CLEAN OIL	35.5 GRAVITY @ 60 deg
	63'	OCWM	15% OIL, 38% WTR, 47% MUD
	256'	TOTAL FLUID	

TOOL SAMPLE: 50% OIL, 15% WTR, 35% MUD

CHLORIDES:	17,000Ppm
PH:	8.0
RW:	.4 @ 80 deg



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: jenisch3-34dst5

TIME ON: 05:13
TIME OFF: 11:57

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 08-23-16 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. 5 Interval Tested from 3,372 ft. to 3,382 ft. Total Depth 3,382 ft.
Packer Depth 3,367 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3,372 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) 3,375 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 3,350 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 10 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 INCREASING TO BOTTOM OF BUCKET IN 23 MIN (WEAKBB)
2nd Open: WEAK SURFACE BLOW INCREASING TO BOTTOM OF BUCKET 29 1/2 MIN (NOBB)

Recovered 193 ft. of CLEAN OIL 33.5 GRAVITY @ 60 DEG
Recovered 63 ft. of OCWM 15%OIL,38%WTR,47%MUD
Recovered 256 ft. of TOTAL FLUID

Recovered _____ ft. of _____	CHLORIDES 17,000 Ppm	
Recovered _____ ft. of _____	PH 8.0	Price Job
Recovered _____ ft. of _____	RW .4 @ 80%	Other Charges
Remarks: <u>TOOL SAMPLE: 50% OIL, 15% WTR, 35% MUD</u>		Insurance
		Total

Time Set Packer(s) 7:20 A.M. A.M. P.M. Time Started Off Bottom 10:20 A.M. A.M. P.M. Maximum Temperature 107

Initial Hydrostatic Pressure..... (A) 1,682 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 51 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1102 P.S.I.
Final Flow Period..... Minutes 45 (E) 55 P.S.I. to (F) 106 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1,063 P.S.I.
Final Hydrostatic Pressure..... (H) 1,621 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.