

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	L.D. DRILLING, INC.	MARILYN DAVIS	Job Number	T569
Contact		JERRY #1-29	Representative	TIM VENTERS
Well Name		DST #1, MARM./ALT., 4441-4520	Well Operator	L.D. DRILLING, INC.
Unique Well ID		SEC 29-6S-35W, THOMAS CO. KS.	Report Date	2016/11/10
Surface Location			Prepared By	TIM VENTERS
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #1, MARM./ALT., 4441-4520
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2016/11/10	Start Test Time	00:15:00
Final Test Date	2016/11/10	Final Test Time	07:45:00

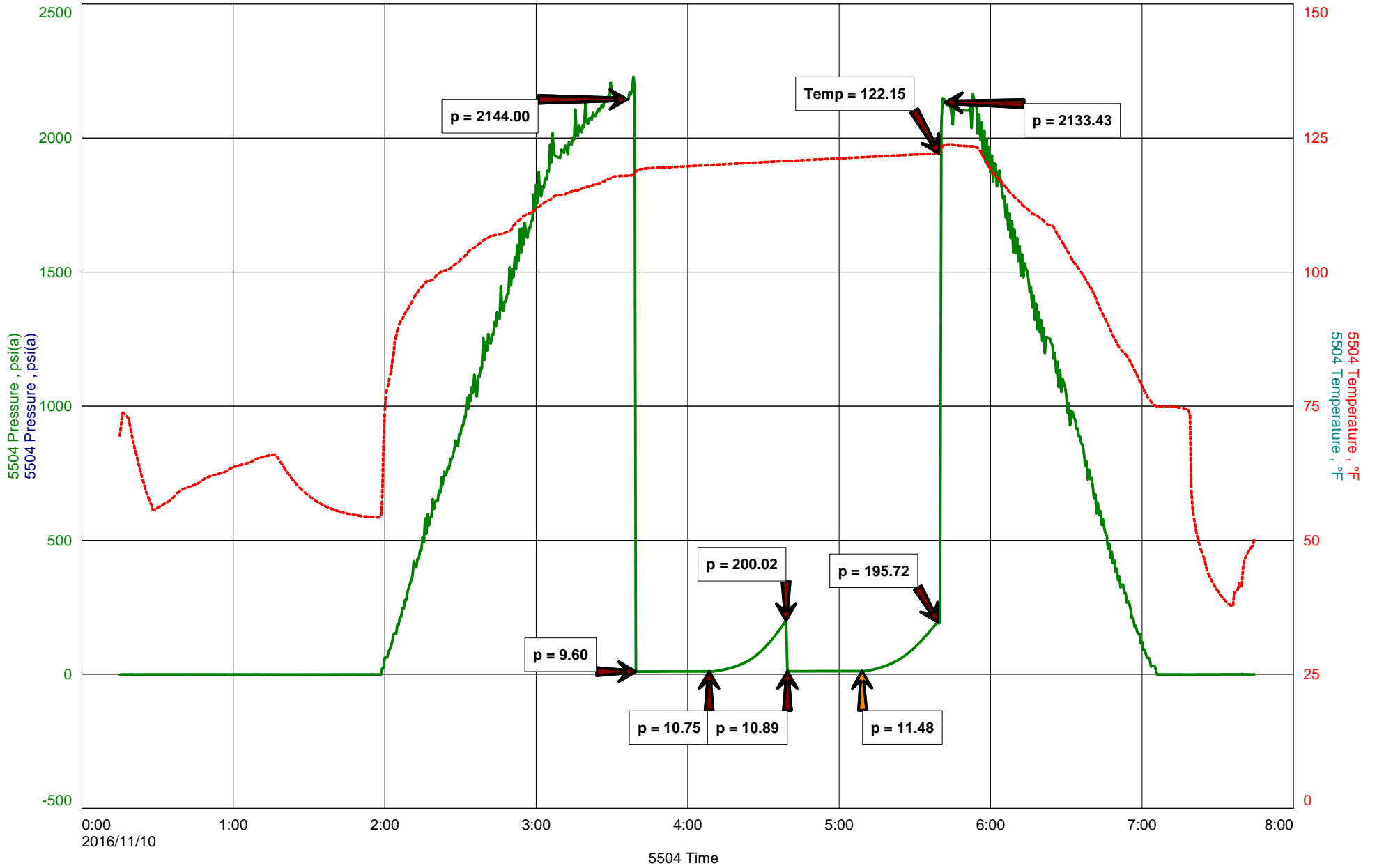
Gauge Name	5504
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Test Results

RECOVERED: 5' M W/O SPKS, OIL SPECKS, 100% MUD

TOOL SAMPLE: TRACE OIL <1%, 100% MUD

JERRY #1-29





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: JERRY1-29DST1

TIME ON: 00:15
TIME OFF: 07:45

Company L.D. DRILLING, INC. Lease & Well No. JERRY #1-19
Contractor L.D. DRILLING, INC. RIG #1 Charge to L.D. DRILLING, INC.
Elevation 3312 KB Formation MARM./ALT. Effective Pay _____ Ft. Ticket No. T569
Date 11-10-16 Sec. 29 Twp. _____ 6 S Range _____ 35 W County THOMAS State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIM VENTERS

Formation Test No. 1 Interval Tested from 4441 ft. to 4520 ft. Total Depth 4520 ft.
Packer Depth 4436 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4441 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4422 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4517 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 54 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4408 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 17 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{62' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW, BUILDING TO 3/4 INCH. (NO BB)
2nd Open: VERY WEAK SURFACE BLOW, LASTING 4 MIN. (NO BB)

Recovered <u>5</u> ft. of <u>M W/ O SPKS, OIL SPECKS, 100% MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>TRACE OIL <1%, 100% MUD</u>	Total

Time Set Packer(s) 3:39 AM ^{A.M.} P.M. Time Started Off Bottom 5:39 AM ^{A.M.} P.M. Maximum Temperature 122 deg.
Initial Hydrostatic Pressure..... (A) 2144 P.S.I.
Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 200 P.S.I.
Final Flow Period..... Minutes 30 (E) 11 P.S.I. to (F) 11 P.S.I.
Final Closed In Period..... Minutes 30 (G) 196 P.S.I.
Final Hydrostatic Pressure..... (H) 2133 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.