

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	L.D. DRILLING, INC.	MARILYN DAVIS	Job Number	T570
Contact		JERRY #1-29	Representative	TIM VENTERS
Well Name		DST #2, PAWNEE, 4525-4580	Well Operator	L.D. DRILLING, INC.
Unique Well ID			Report Date	2016/11/11
Surface Location	SEC 29-6S-35W, THOMAS CO. KS.		Prepared By	TIM VENTERS
Well License Number				
Field		WILDCAT		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #2, PAWNEE, 4525-4580
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2016/11/10	Start Test Time	17:28:00
Final Test Date	2016/11/11	Final Test Time	01:42:00

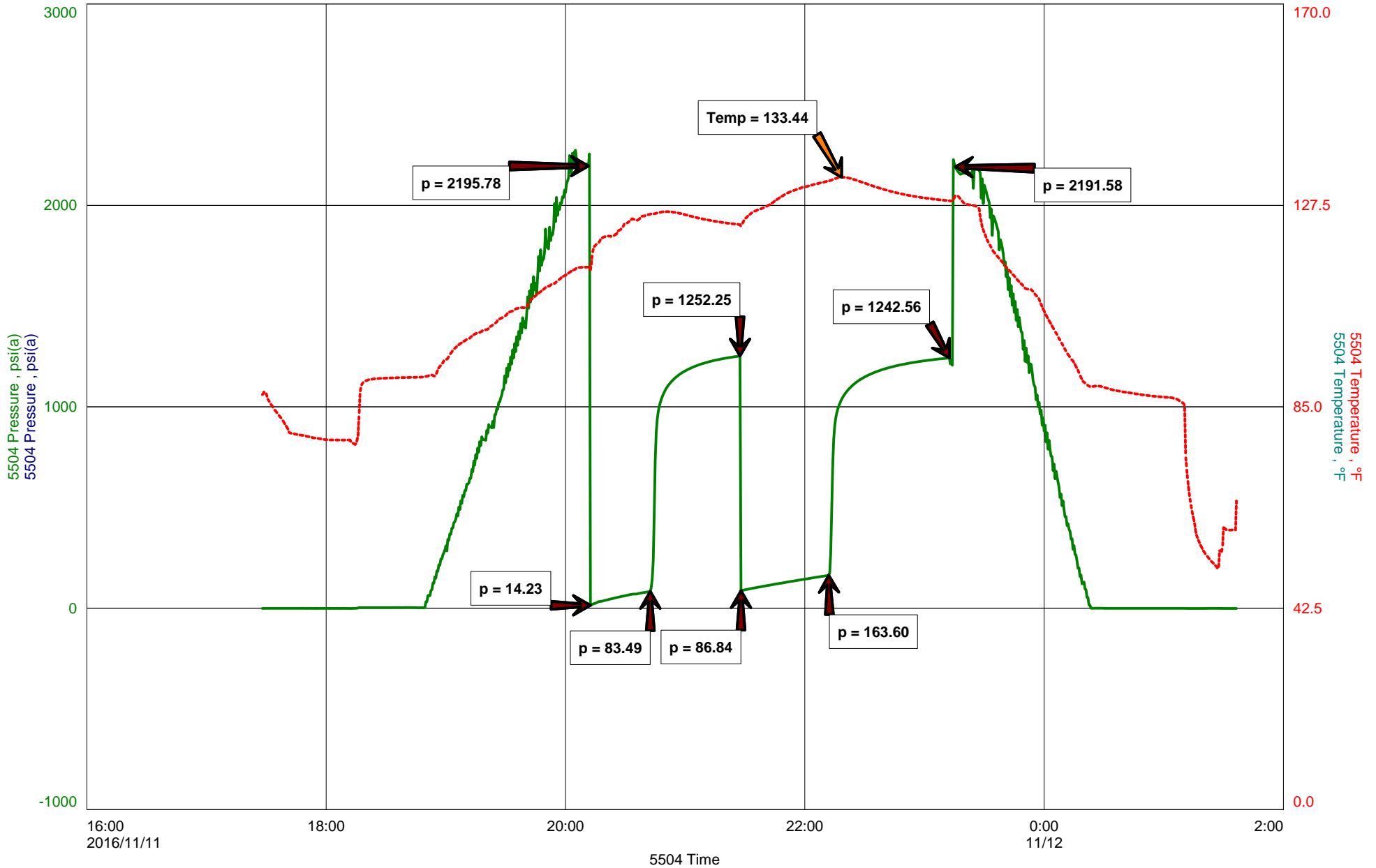
Gauge Name	5504
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Test Results

RECOVERED: 550' GAS IN PIPE
110' G,SMCO, 1% GAS, 92% OIL, 7% MUD
200' GO, 2% GAS, 98% OIL, GRAVITY: 25
10' G,HMCO, 3% GAS, 50% OIL, 47% MUD
60' G,HOCM, 10% GAS, 34% OIL, 56% MUD
380' TOTAL FLUID

TOOL SAMPLE: 99% OIL, 1% MUD

JERRY #1-29





DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: JERRY1-29DST2

TIME ON: 17:28 11-10-16
 TIME OFF: 01:42 11-11-16

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 PAWNEE Effective Pay _____ Ft. Ticket No. T570
 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. 2 Interval Tested from 4525 ft. to 4580 ft. Total Depth 4580 ft.
 Packer Depth 4520 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4525 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4506 ft. Recorder Number 5504 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4577 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 48 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 4492 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 24 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{31' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4 INCH BLOW, BUILDING, REACHING BOB 13 MIN. (2 3/4" BB)
 2nd Open: WEAK 1/4 INCH BLOW, BUILDING REACHING BOB 16 1/2 MIN. (4" BB)

Recovered <u>550</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>110</u> ft. of <u>G,SMCO, 1% GAS, 92% OIL, 7% MUD</u>	
Recovered <u>200</u> ft. of <u>GO, 2% GAS, 98% OIL, GRAVITY: 25</u>	
Recovered <u>10</u> ft. of <u>G,HMCO, 3% GAS, 50% OIL, 47% MUD</u>	
Recovered <u>60</u> ft. of <u>G,HOCM, 10% GAS, 34% OIL, 56% MUD</u>	Price Job
Recovered <u>380</u> ft. of <u>TOTAL FLUID</u>	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>99% OIL, 1% MUD</u>	Total

Time Set Packer(s) 8:12 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 11:12 PM ^{A.M.}/_{P.M.} Maximum Temperature 133 deg.
 Initial Hydrostatic Pressure..... (A) 2196 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 83 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1252 P.S.I.
 Final Flow Period..... Minutes 45 (E) 87 P.S.I. to (F) 164 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1243 P.S.I.
 Final Hydrostatic Pressure..... (H) 1292 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.