

DIAMOND TESTING, LLC

TESTER : TIM VENTERS
CELL # 620-388-6333

General Information

Company Name	L.D. DRILLING, INC.	MARILYN DAVIS	Job Number	T617
Contact		SCHREIBER #2-26	Representative	TIM VENTERS
Well Name		DST #2, MISSISSIPPIAN, 4407-4470	Well Operator	L.D. DRILLING, INC.
Unique Well ID		SEC 26-17S-24W, NESS CO. KS.	Report Date	2017/06/26
Surface Location			Prepared By	TIM VENTERS
Well License Number				
Field		MINER		
Well Type		Vertical		

Test Information

Test Type	CONVENTIONAL
Formation	DST #2, MISSISSIPPIAN, 4407-4470
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2017/06/25	Start Test Time	18:45:00
Final Test Date	2017/06/26	Final Test Time	03:08:00

Gauge Name	5504
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Test Results

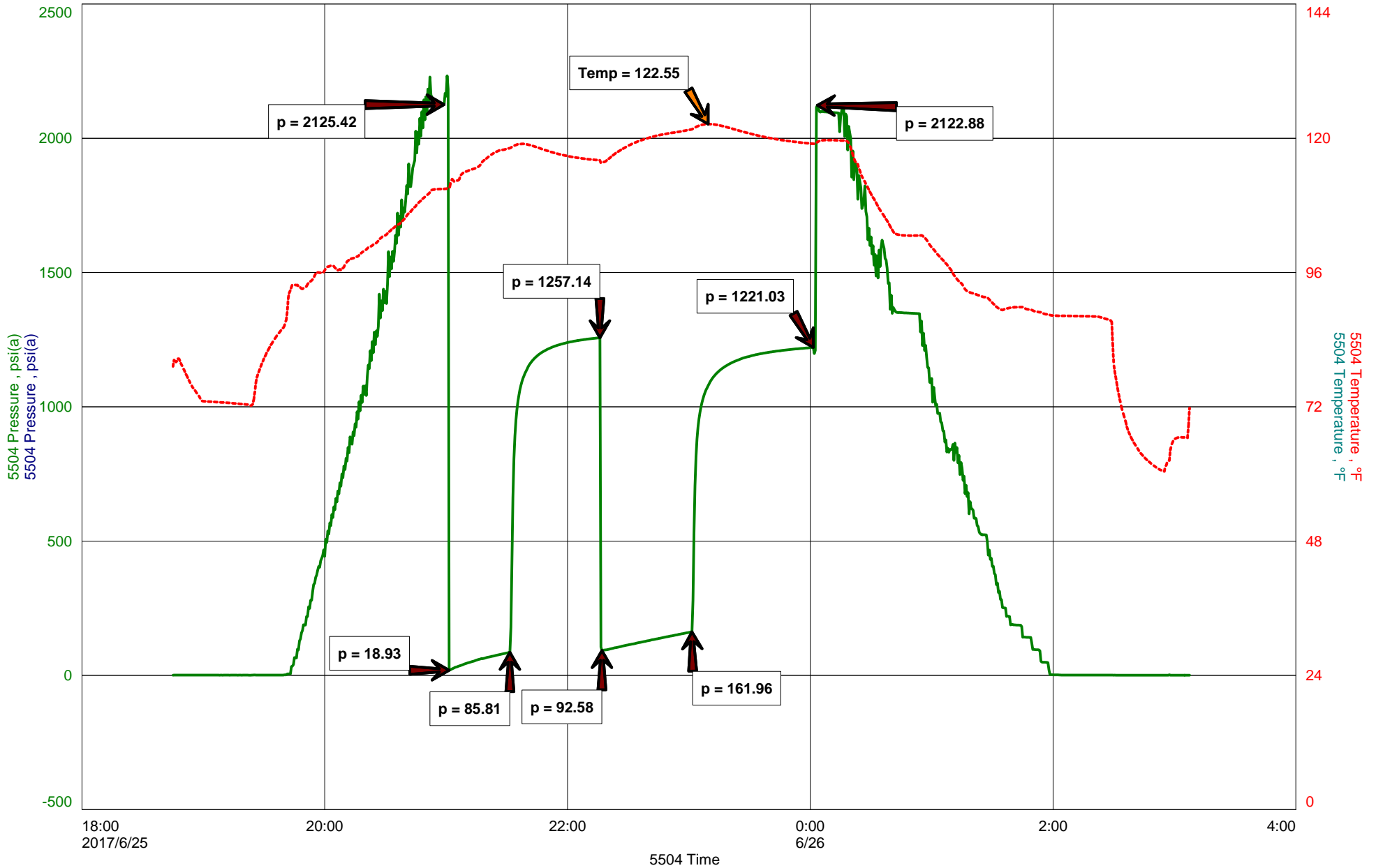
RECOVERED: 160' GAS IN PIPE
90' CLEAN OIL, 100% OIL, GRAVITY: 35
155' SMCO, 97% OIL, 3% MUD
155' G,MCO, 6% GAS, 65% OIL, 29% MUD
400' TOTAL FLUID

TOOL SAMPLE: 62% OIL, 38% MUD

L.D. DRILLING, INC.
DST #2, MISSISSIPPIAN, 4407-4470
Start Test Date: 2017/06/25
Final Test Date: 2017/06/26

SCHREIBER #2-26
Formation: DST #2, MISSISSIPPIAN, 4407-4470
Pool: MINER
Job Number: T617

SCHREIBER #2-26





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SCHREIBER2-26DST2

TIME ON: 18:45 6-25-17
TIME OFF: 03:08 6-26-17

Company L D DRILLING, INC. Lease & Well No. SCHREIBER # 2-26
Contractor L D DRILLING, INC. RIG #1 Charge to L D DRILLING, INC.
Elevation 2447 KB Formation MISSISSIPPIAN Effective Pay _____ Ft. Ticket No. T617
Date 6-25-17 Sec. 26 Twp. _____ 17 S Range _____ 24 W County NESS State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative TIM VENTERS

Formation Test No. 2 Interval Tested from 4407 ft. to 4470 ft. Total Depth 4470 ft.

Packer Depth 4402 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Packer Depth 4407 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4388 ft. Recorder Number 5504 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4467 ft. Recorder Number 13819 Cap. 5,025 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 61 Drill Collar Length _____ ft. I.D. 2 1/4 in.

Weight 9.45 Water Loss 8.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.

Chlorides 4,200 P.P.M. Drill Pipe Length 4374 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 32 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 1/2 INCH BLOW, BUILDING, REACHING BOB 18 1/2 MIN. (NO BB)

2nd Open: WEAK SURFACE BLOW, BUILDING, REACHING BOB 20 MIN. (NO BB)

Recovered 160 ft. of GAS IN PIPE

Recovered 90 ft. of CO, 100% OIL, GRAVITY: 35

Recovered 155 ft. of SMCO, 97% OIL, 3% MUD

Recovered 155 ft. of G,MCO. 6% GAS, 65% OIL, 3% MUD

Recovered 400 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 62% OIL, 38% MUD

Time Set Packer(s) 9:01 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 12:01 AM ^{A.M.}/_{P.M.} Maximum Temperature 123 deg.

Initial Hydrostatic Pressure..... (A) 2125 P.S.I.

Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 86 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1257 P.S.I.

Final Flow Period..... Minutes 45 (E) 93 P.S.I. to (F) 162 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1221 P.S.I.

Final Hydrostatic Pressure..... (H) 2123 P.S.I.

Price Job
Other Charges
Insurance
Total

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.