DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

TIME ON: 0835
TIME OFF: 1645

DRILL-STEM TEST TICKET

FILE: SCHWZR3-35DST1

Company L.D. DRILLING, INC. Lease & Well No. #1 MAGLEY TRUST UNIT

Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.

Elevation 3380 KB Formation LANSING 'J' Effective Pay _____ Ft. Ticket No. M837

Date 10/29/2016 Sec. 32 Twp. 5 S Range 37 W County CHEYENNE State KANSAS

Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4364 ft. to 4450 ft. Total Depth 4450 ft.

Packer Depth 4359 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4364 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4346 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4366 ft. Recorder Number 0063 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth 4447 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 58 Drill Collar Length 0 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 2,300 P.P.M. Drill Pipe Length 4332 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 3 Test Tool Length 32 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 86 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. (63' D.P.) Bottom Choke Size 5/8 in

Blow: 1st Open: GSB, BUILT TO 3½" (NO BB)

2nd Open: VWSB, BUILT TO 3" (NO BB)

Recovered 70 ft. of MW 67% WTR, 33% MUD

Recovered 70 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of CHLOR: 18,000 PPM

Recovered _____ ft. of RW: .39 @ 75 DEG

Recovered _____ ft. of PH: 7.0

Remarks: _____

TOOL SAMPLE: 70% WTR, 30% MUD W/ SOME SPECKS OF OIL, GASSY BUBBLES

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 11:30 A.M. A.M. P.M. Time Started Off Bottom 2:30 P.M. A.M. P.M. Maximum Temperature 140°F

Initial Hydrostatic Pressure..... (A) 2135 P.S.I.

Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 23 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 1340 P.S.I.

Final Flow Period..... Minutes 45 (E) 34 P.S.I. to (F) 42 P.S.I.

Final Closed In Period..... Minutes 60 (G) 1336 P.S.I.

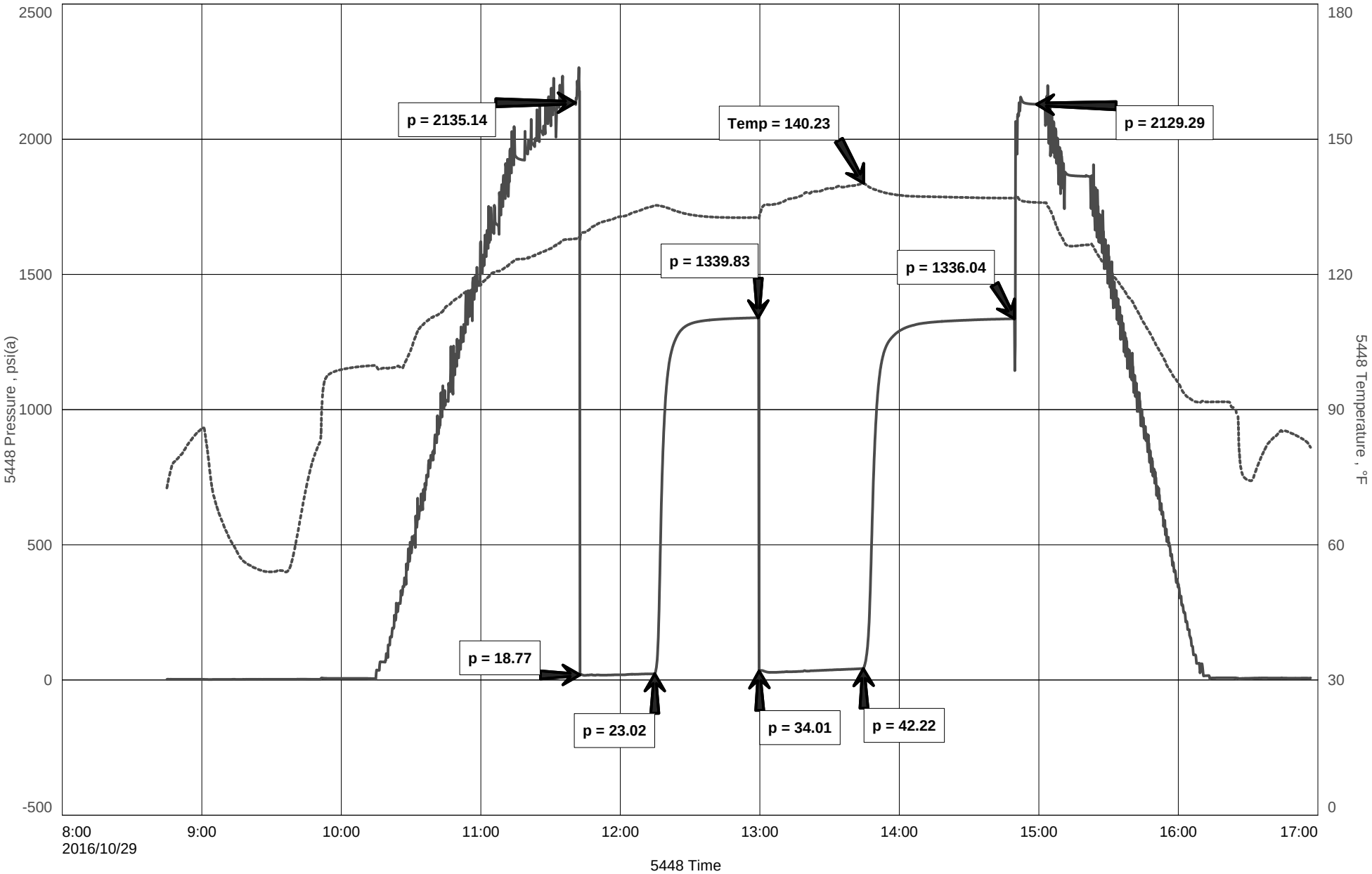
Final Hydrostatic Pressure..... (H) 2129 P.S.I.

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.

L.D. DRILLING, INC.
DST#1 4364-4450 LANSING 'J'
Start Test Date: 2016/10/29
Final Test Date: 2016/10/29

#1 MAGLEY TRUST UNIT
Formation: DST#1 4364-4450 LANSING 'J'
Pool: WILDCAT
Job Number: M837

#1 MAGLEY TRUST UNIT



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M837
Well Name	#1 MAGLEY TRUST UNIT	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4364-4450 LANSING 'J'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.32-05S-37W CHEYENNE CO.KS.	Report Date	2016/10/29
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL
Formation	DST#1 4364-4450 LANSING 'J'
Test Purpose (AEUB)	Initial Test

Start Test Date	2016/10/29	Start Test Time	08:35:00
Final Test Date	2016/10/29	Final Test Time	16:45:00
		Well Fluid Type	01 Oil

Gauge Name	5448
Gauge Serial Number	

Test Results

Remarks **RECOVERED:**

70' MW 67% WTR, 33% MUD

70' TOTAL FLUID

CHLOR: 18,000 PPM
PH:7.0
RW: .39 @ 75 DEG

TOOL SAMPLE: 70% WTR, 30% MUD W/ SOME SPECKS OF OIL, GASSY BUBBLES