



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SCHWZR3-35DST2

TIME ON: 1810 (10/30)
TIME OFF: 0100 (10/31)

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 MARM/PAW Effective Pay _____ Ft. Ticket No. M838
Date 10/30/2016 Sec. 32 Twp. 5 S Range 37 W County CHEYENNE State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4500 ft. to 4656 ft. Total Depth 4656 ft.
Packer Depth 4495 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4500 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4482 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4502 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth 4653 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 55 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4468 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 156 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (125' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, 3/4" RIGHT AWAY, BUILT TO 1 1/4" (NO BB)
2nd Open: A SURGE OF BUBBLES ON TOOL OPEN THEN NO BLOW (NO BB)

Recovered <u>10</u> ft. of <u>DM 100% MUD W/ SOME GASSY BUBBLES & A FEW SPECKS OF OIL</u>	
Recovered <u>10</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% MUD W/ A FEW SPECKS OF OIL</u>	Total

Time Set Packer(s) 8:15 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 10:15 P.M. ^{A.M.}/_{P.M.} Maximum Temperature 132°F
Initial Hydrostatic Pressure..... (A) 2233 P.S.I.
Initial Flow Period..... Minutes 30 (B) 27 P.S.I. to (C) 19 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 272 P.S.I.
Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 19 P.S.I.
Final Closed In Period..... Minutes 30 (G) 131 P.S.I.
Final Hydrostatic Pressure..... (H) 2229 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.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M838
Well Name	#1 MAGLEY TRUST UNIT	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4500-4656 MARM/PAW	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.32-5S-37W CHEYENNE CO.KS.	Report Date	2016/10/31
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
		Test Unit	NO. 3

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 4500-4656 MARM/PAW		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/10/30	Start Test Time	18:10:00
Final Test Date	2016/10/31	Final Test Time	01:00:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks RECOVERED:
10' DM 100% MUD W/ SOME GASSY BUBBLES & A FEW SPECKS OF OIL
10' TOTAL FLUID

TOOL SAMPLE: 100% MUD W/ A FEW SPECKS OF OIL