



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: 1-28HBGRDST1

TIME ON: 0630
TIME OFF: 1400

Company L.D. DRILLING, INC. Lease & Well No. #1-28 HABIGER
Contractor L.D.DRILLING,INC.RIG 1 Charge to L.D. DRILLING, INC.
Elevation 2941 KB Formation _____ L/KC'E' Effective Pay _____ Ft. Ticket No. M831
Date 7/24/2016 Sec. 28 Twp. _____ 17 S Range _____ 31 W County SCOTT State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 4017 ft. to 4035 ft. Total Depth 4035 ft.
Packer Depth 4012 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 4017 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3999 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4019 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth 4032 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 53 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,300 P.P.M. Drill Pipe Length 3985 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 18 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WSB, BUILT TO 1" (NO BB)
2nd Open: WSB, BUILT TO 1/2" (NO BB)

Recovered 30 ft. of VSOSGM 1% GAS, 99% MUD W/ A VERY THIN SCUM OF OIL
Recovered 30 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>1% GAS, 99% MUD W/ A THICK SCUM OF OIL</u>	Total

Time Set Packer(s) 9:45 A.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 11:45 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 124°F

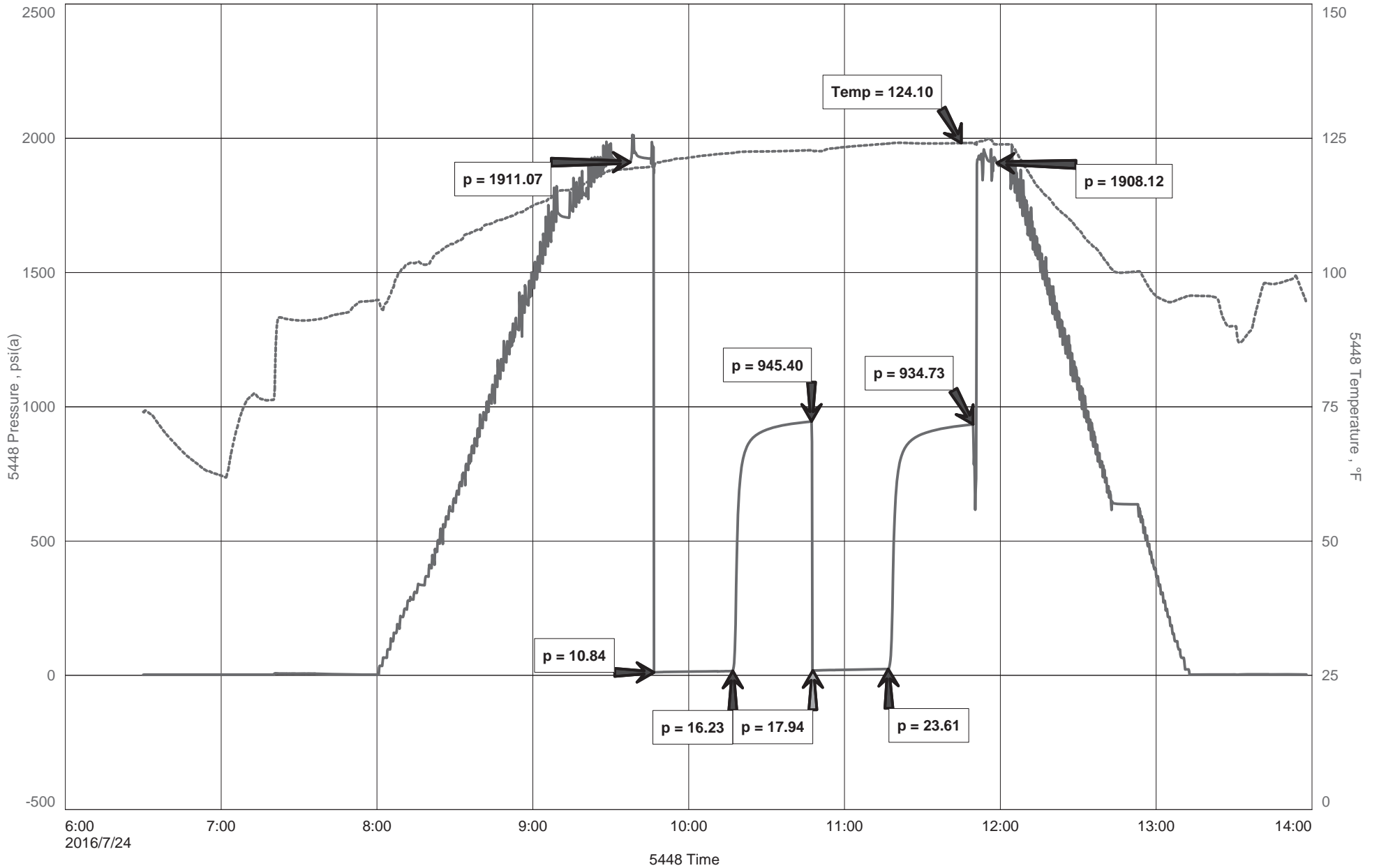
Initial Hydrostatic Pressure..... (A) 1911 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 945 P.S.I.
Final Flow Period..... Minutes 30 (E) 18 P.S.I. to (F) 24 P.S.I.
Final Closed In Period..... Minutes 30 (G) 935 P.S.I.
Final Hydrostatic Pressure..... (H) 1908 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 4017-4035 L/KC'E'
Start Test Date: 2017/07/24
Final Test Date: 2017/07/24

#1-28 HABIGER
Formation: DST#1 4017-4035 L/KC'E'
Pool: WILDCAT
Job Number: M831

#1-28 HABIGER



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M831
Well Name	#1-28 HABIGER	Representative	MIKE COCHRAN
Unique Well ID	DST#1 4017-4035 L/KC'E'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.28-17S-31W SCOTT CO.KS.	Report Date	2017/07/24
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 4017-4035 L/KC'E'		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2017/07/24	Start Test Time	06:30:00
Final Test Date	2017/07/24	Final Test Time	14:00:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
30' VSOSGM 1% GAS, 99% MUD W/ A VERY THIN SCUM OF OIL
30' TOTAL FLUID

TOOL SAMPLE: 1% GAS, 99% MUD W/ A THICK SCUM OF OIL