



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: 1-28HBGRDST2

TIME ON: 0850
 TIME OFF: 1600

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 'L' ZONE Effective Pay _____ Ft. Ticket No. M832
 Date 7/25/2016 Sec. 28 Twp. _____ 17 S Range _____ 31 W County SCOTT State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 4245 ft. to 4270 ft. Total Depth 4270 ft.
 Packer Depth 4240 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
 Packer Depth 4245 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4227 ft. Recorder Number 5448 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4247 ft. Recorder Number 0063 Cap. 5,000 P.S.I.
 Below Straddle Recorder Depth 4267 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Mud Type CHEM Viscosity 57 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 4,000 P.P.M. Drill Pipe Length 4213 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 25 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, INCREASED TO 1 3/4" (NO BB)
 2nd Open: VWSB, INCREASED TO 1" (NO BB)

Recovered 10 ft. of GO 100% GASSY OIL GRAVITY: 34.9 @ 60°
 Recovered 18 ft. of GOCM 4% GAS, 7% OIL, 89% MUD
 Recovered 28 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>2% GAS, 14% OIL, 2% WTR, 82% MUD</u>	Total

Time Set Packer(s) 11:00 A.M. A.M. P.M. Time Started Off Bottom 2:00 P.M. A.M. P.M. Maximum Temperature 127°F

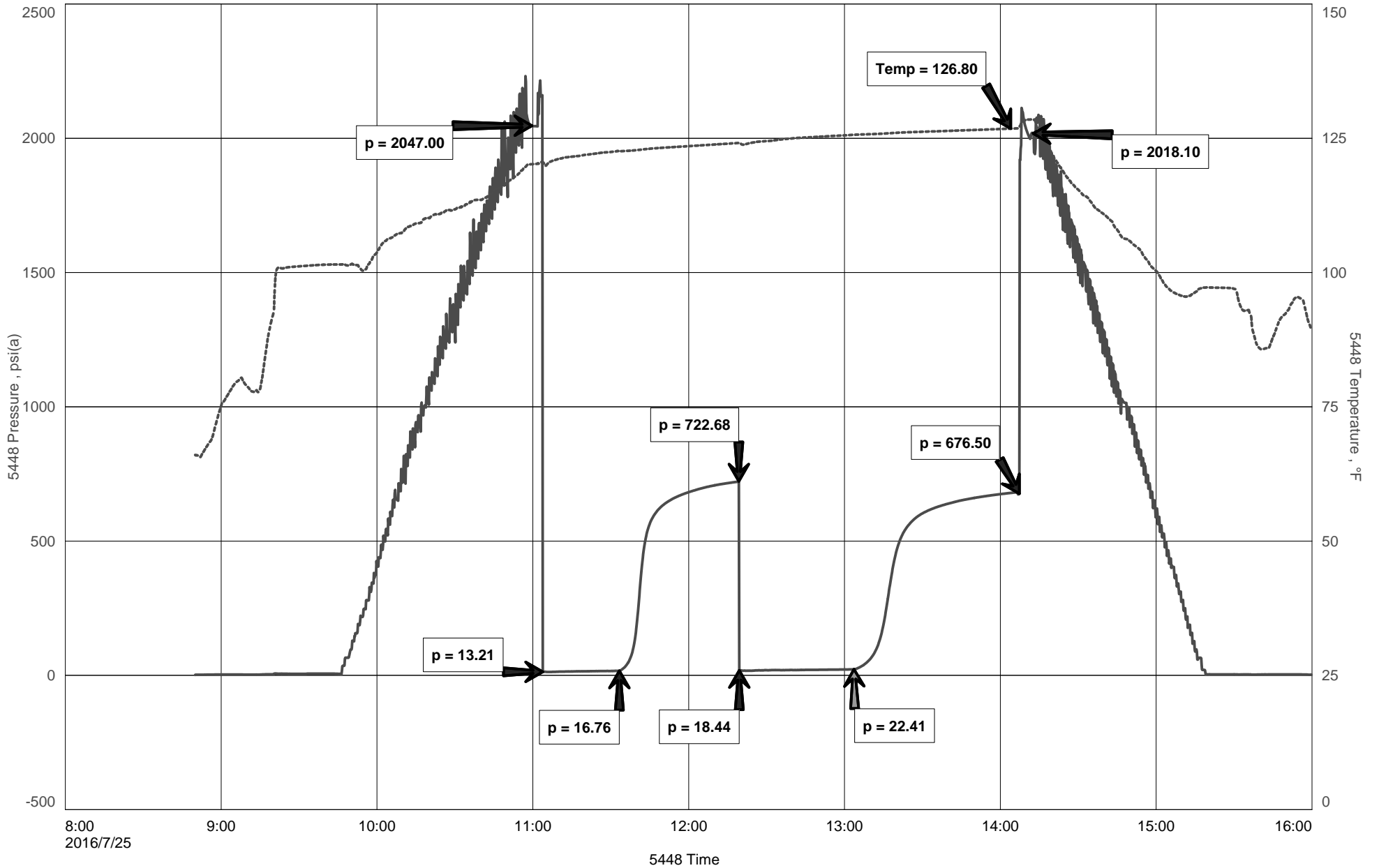
Initial Hydrostatic Pressure..... (A) 2047 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 17 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 723 P.S.I.
 Final Flow Period..... Minutes 45 (E) 18 P.S.I. to (F) 22 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 677 P.S.I.
 Final Hydrostatic Pressure..... (H) 2018 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#2 4245-4270 L/KC'L' ZONE
Start Test Date: 2016/07/25
Final Test Date: 2016/07/25

#1-28 HABIGER
Formation: DST#2 4245-4270 L/KC'L' ZONE
Pool: WILDCAT
Job Number: M832

#1-28 HABIGER



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRILLING, INC.	Job Number	M832
Well Name	#1-28 HABIGER	Representative	MIKE COCHRAN
Unique Well ID	DST#2 4245-4270 L/KC'L' ZONE	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC.28-17S-31W SCOTT CO.KS.	Report Date	2016/07/25
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 4245-4270 L/KC'L' ZONE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2016/07/25	Start Test Time	08:50:00
Final Test Date	2016/07/25	Final Test Time	16:00:00
		Well Fluid Type	01 Oil
Gauge Name	5448		
Gauge Serial Number			

Test Results

Remarks **RECOVERED:**
10' GO 100% GASSY OIL
18' GOCM 4% GAS, 7% OIL, 89% MUD
28' TOTAL FLUID

GRAVITY: 34.9 @ 60 DEG

TOOL SAMPLE: 2% GAS, 14% OIL, 2% WTR, 82% MUD