



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: 1-28HBGRDST3

TIME ON: 1640  
TIME OFF: 2305

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'H' ZONE STRADDLE Effective Pay \_\_\_\_\_ Ft. Ticket No. M833  
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. 3 Interval Tested from 4114 ft. to 4137 ft. Total Depth 4270 ft.

Packer Depth 4109 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 4114 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4096 ft. Recorder Number 5448 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 4131 ft. Recorder Number 6884 Cap. 6,275 P.S.I.

Below Straddle Recorder Depth 4267 ft. Recorder Number 0063 Cap. 5,000 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 4082 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 23 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (133' TP) Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: SSB, BUILT TO 1 3/4" (NO BB)

2nd Open: NO BLOW (NO BB)

Recovered 15 ft. of GM 1% GAS, 99% MUD

Recovered 15 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: BELOW STRADDLE PSI: 1077

TOOL SAMPLE: 5% OIL, 95% MUD

Time Set Packer(s) 6:30 P.M. A.M. P.M. Time Started Off Bottom 8:30 P.M. A.M. P.M. Maximum Temperature 127°F

Initial Hydrostatic Pressure..... (A) 1963 P.S.I.

Initial Flow Period..... Minutes 30 (B) 22 P.S.I. to (C) 21 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 572 P.S.I.

Final Flow Period..... Minutes 30 (E) 21 P.S.I. to (F) 22 P.S.I.

Final Closed In Period..... Minutes 30 (G) 453 P.S.I.

Final Hydrostatic Pressure..... (H) 1945 P.S.I.

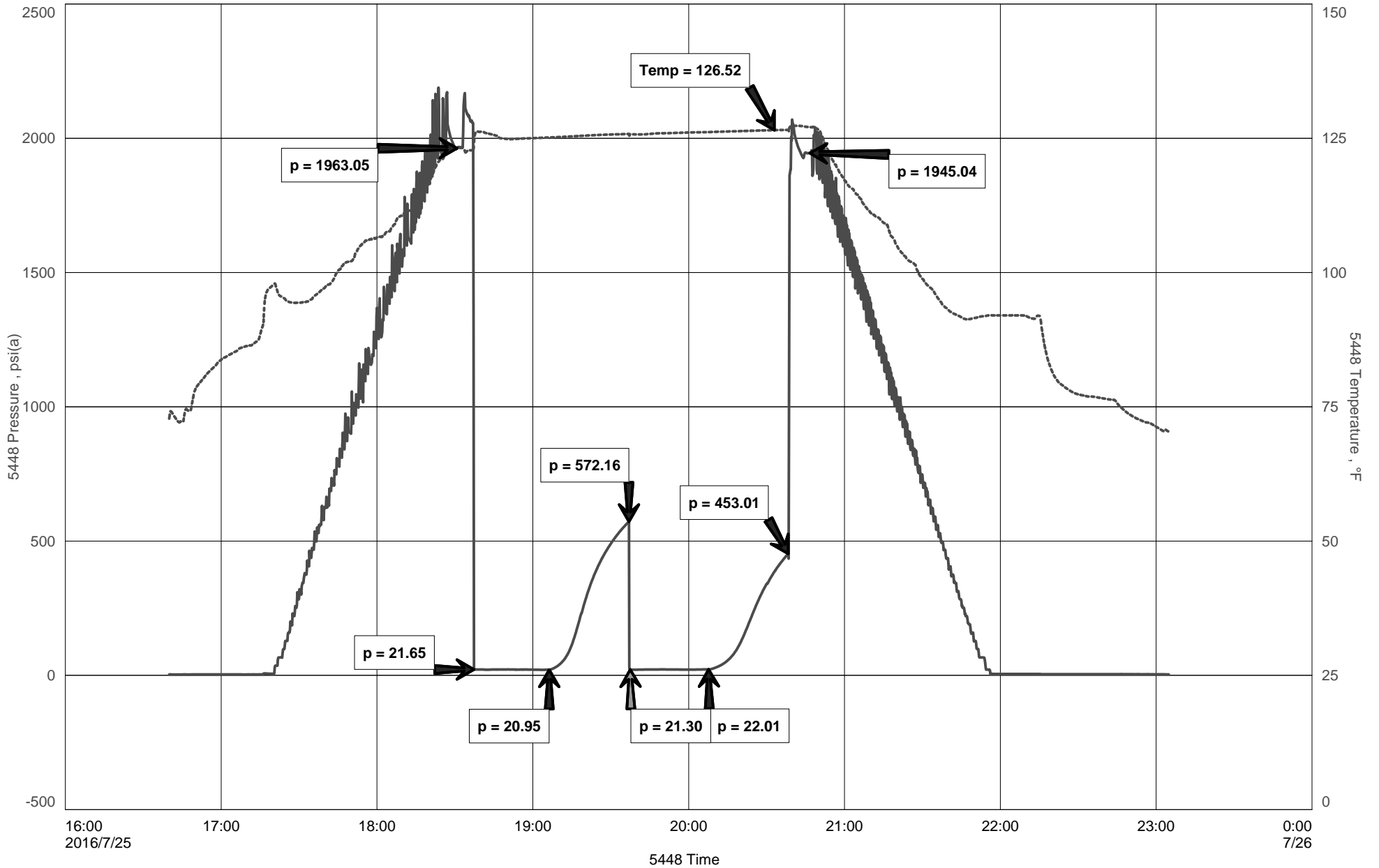
|               |
|---------------|
| Price Job     |
| Other Charges |
| Insurance     |
| Total         |

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.

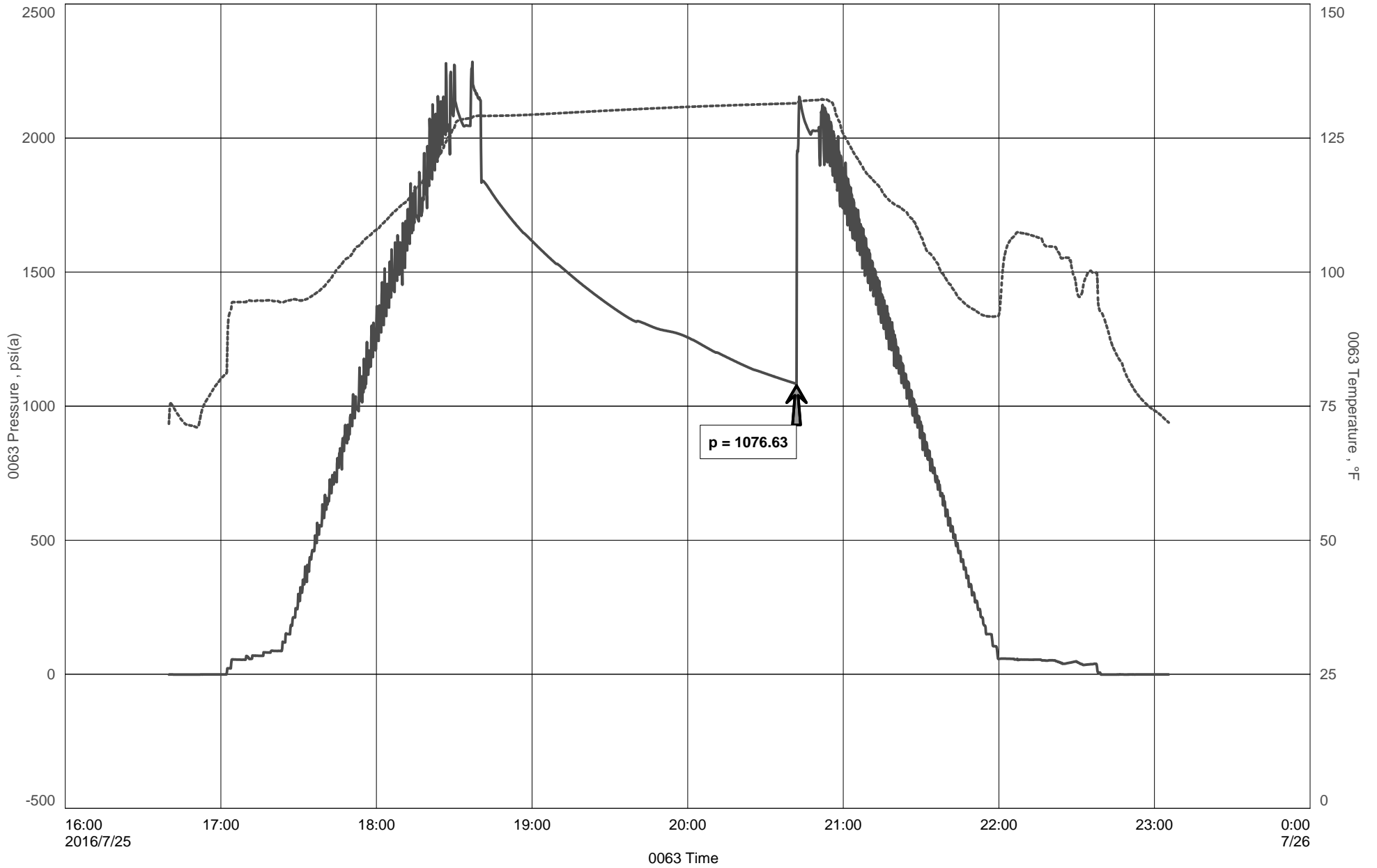
L.D. DRILLING, INC.  
DST#3 4114-4137 L/KC'H' ZONE STRADDLE  
Start Test Date: 2016/07/25  
Final Test Date: 2016/07/25

#1-28 HABIGER  
Formation: DST#3 4114-4137 L/KC'H' ZONE STRADDLE  
Pool: WILDCAT  
Job Number: M833

# #1-28 HABIGER



# BELOW STRADDLE



# DIAMOND TESTING

## Pressure Survey Report

### General Information

|                  |                                       |                |                     |
|------------------|---------------------------------------|----------------|---------------------|
| Company Name     | L.D. DRILLING, INC.                   | Job Number     | M833                |
| Well Name        | #1-28 HABIGER                         | Representative | MIKE COCHRAN        |
| Unique Well ID   | DST#3 4114-4137 L/KC'H' ZONE STRADDLE | 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#3 4114-4137 L/KC'H' ZONE STRADDLE |                 |          |
| Test Purpose (AEUB) | Initial Test                          |                 |          |
| Start Test Date     | 2016/07/25                            | Start Test Time | 16:40:00 |
| Final Test Date     | 2016/07/25                            | Final Test Time | 23:05:00 |
|                     |                                       | Well Fluid Type | 01 Oil   |
| Gauge Name          | 5448                                  |                 |          |
| Gauge Serial Number |                                       |                 |          |

### Test Results

Remarks RECOVERED:  
15' GM 1% GAS, 99% MUD  
15' TOTAL FLUID

TOOL SAMPLE: 5% OIL, 95% MUD