



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Ludwig A 1-32 Dst 3

TIME ON: 05:28
TIME OFF: 14:48

Company Trans Pacific Corporation Lease & Well No. Ludwig A 1-32
Contractor Southwind Drilling Charge to Trans Pacific Corporation
Elevation 1941 Est Formation Lan"J"K Effective Pay _____ Ft. Ticket No. RR092
Date 09/25/2014 Sec. 32 Twp. 16 S Range 13 W County Barton State KANSAS
Test Approved By Alexn Chapin Diamond Representative RICKY RAY

Formation Test No. 3 Interval Tested from 3314 ft. to 3360 ft. Total Depth 3360 ft.
Packer Depth 3309 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3314 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3304 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3351 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6200 P.P.M. Drill Pipe Length 3291 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 23 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 46A (14P) 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: 1/4 Blow Built to 4 1/2 inches in 30 mins NOBB
2nd Open: 1/4 Blow Built to 7 1/2 inches in 60 mins NOBB

Recovered 4 ft. of O 100 % O 26 Gravity @ 60 Deg
Recovered 53 ft. of OM 22% O 78% M
Recovered 253 ft. of GIP
Recovered 57 ft. of Total Fluid

| | |
|--|---------------|
| Recovered _____ ft. of _____ | Price Job |
| Recovered _____ ft. of _____ | Other Charges |
| Remarks: Tool Sample: <u>42% O</u> <u>58 % M</u> | Insurance |
| | Total |

Time Set Packer(s) 8:21 AM A.M. Time Started Off Bottom 12:36 PM P.M. Maximum Temperature 107

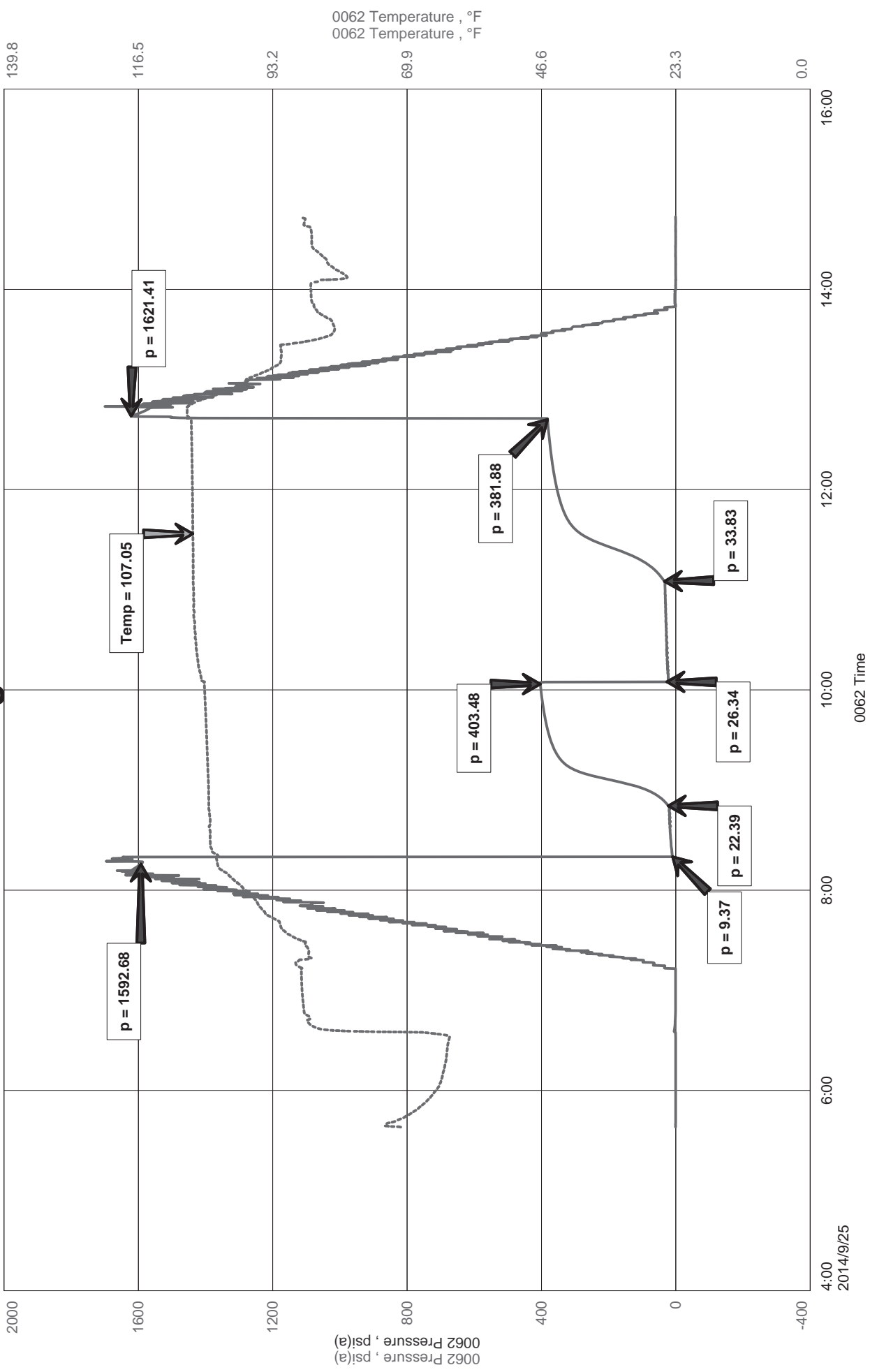
Initial Hydrostatic Pressure..... (A) 1593 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 403 P.S.I.
Final Flow Period..... Minutes 60 (E) 26 P.S.I. to (F) 34 P.S.I.
Final Closed In Period..... Minutes 90 (G) 382 P.S.I.
Final Hydrostatic Pressure..... (H) 1621 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.

Trans Pacific Corporation
Dst 3 Lan "J"K (3314-3360)
Start Test Date: 2014/09/25
Final Test Date: 2014/09/25

Ludwig A 1-32
Formation: Dst 3 Lan "J"K (3314-3360)
Pool: Pool Ext
Job Number: RR092

Ludwig A 1-32





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
 (620) 617-7261

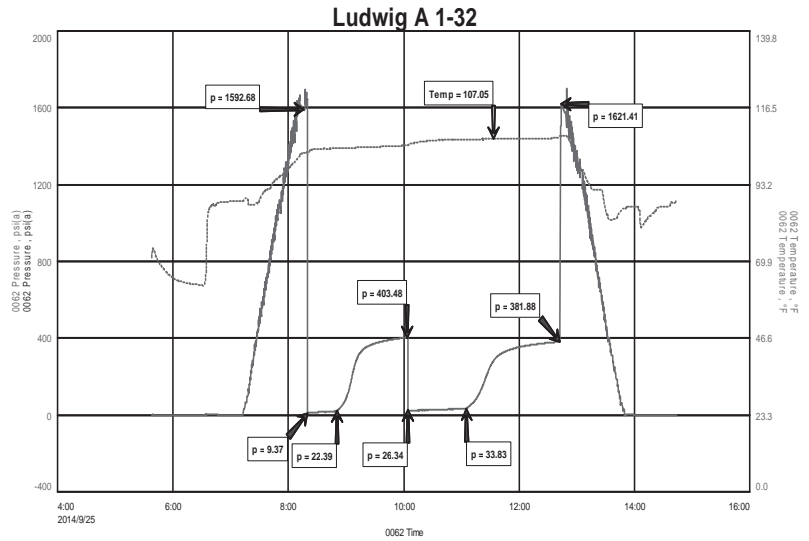
Wellsite Report

General Information

| | |
|---------------------|---------------------------------|
| Company Name | Trans Pacific Corporation |
| Contact | Beth A Isern |
| Well Operator | Trans Pacific Corporation |
| Well Name | Ludwig A 1-32 |
| Surface Location | Sec: 32-16s-13w (Barton County) |
| Field | Trapp |
| Well Type | Vertical |
| Pool | Pool Ext |
| Test Purpose (AEUB) | Initial Test |
| Qualified By | Alex Chapin |
| Gauge Name | 0062 |

Test Information

| | |
|-----------------|----------------------------|
| Job Number | RR092 |
| Test Type | Drill Stem Test |
| Well Fluid Type | 01 Oil |
| Formation | Dst 3 Lan "J"K (3314-3360) |
| Start Test Date | 2014/09/25 YYYY/MM/DD |
| Start Test Time | 05:38:00 HH:mm:ss |
| Final Test Date | 2014/09/25 YYYY/MM/DD |
| Final Test Time | 14:48:00 HH:mm:ss |



Test Results

Recovery:

| | | | |
|------|-------------|---------|---------------------|
| 4' | O | 100 % O | 26 Gravity @ 60 Deg |
| 53' | OM | 22% O | 78% M |
| 253' | GIP | | |
| 57' | Total Fluid | | |

Tool Sample: 42% O 58% M