



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Koriel Unit 2-22 Dst 2

TIME ON: 00:51
TIME OFF: 08:11

Company LD Drilling Inc Lease & Well No. Koriel Unit 2-22
Contractor Petromark Drilling Rig 2 Charge to LD Drilling Inc
Elevation 1925 KB Formation _____ Arbuckle Effective Pay _____ Ft. Ticket No. RR112
Date Oct/31/2014 Sec. 22 Twp. _____ 18 S Range _____ 14 W County _____ Barton State KANSAS
Test Approved By Kim Shoemaker Diamond Representative _____ RICKY RAY

Formation Test No. 2 Interval Tested from 3400 ft. to 3457 ft. Total Depth 3457 ft.
Packer Depth 3395 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3400 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3382 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3436 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEM Viscosity 55 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 8300 P.P.M. Drill Pipe Length 3162 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 8 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 57A(25P) ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1/4" Blow (Built to 2 1/4 inches in 30 mins) NOBB
2nd Open: NO BLOW (Built to 1 inch in 45 mins) NOBB

Recovered 65 ft. of M 100 % M
Recovered 62 ft. of SLWM 60% W 40% M
Recovered 127 ft. of Total Fluid

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: Tool Sample: <u>60% W</u> <u>40% M</u>	Total

Time Set Packer(s) 3:00 AM A.M. P.M. Time Started Off Bottom 6:00Am A.M. P.M. Maximum Temperature 105

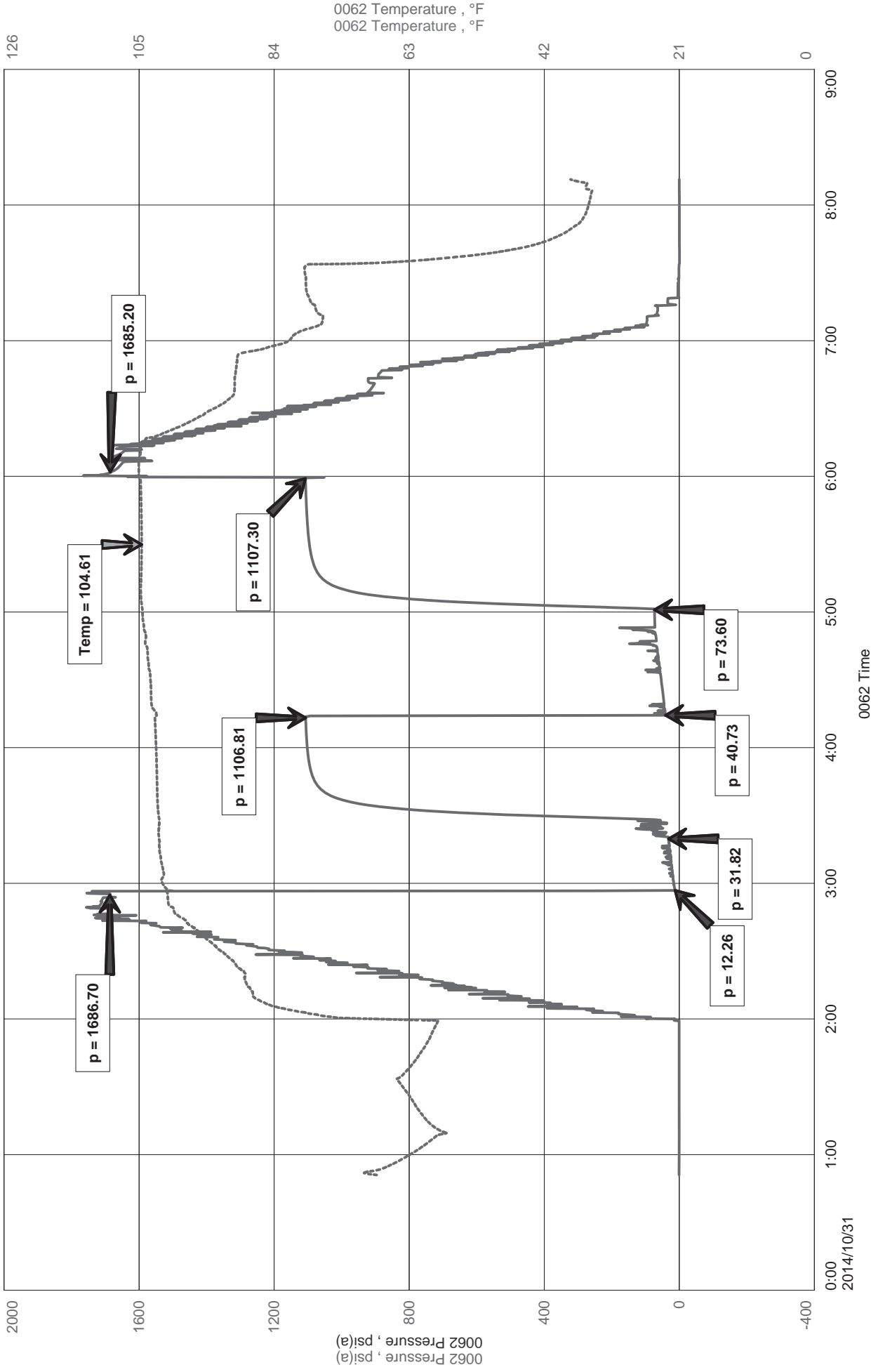
Initial Hydrostatic Pressure..... (A) 1687 P.S.I.
Initial Flow Period..... Minutes 30 (B) 12 P.S.I. to (C) 32 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1107 P.S.I.
Final Flow Period..... Minutes 45 (E) 41 P.S.I. to (F) 74 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1107 P.S.I.
Final Hydrostatic Pressure..... (H) 1685 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 Arbuckle (3400-3457)
 Start Test Date: 2014/10/31
 Final Test Date: 2014/10/31

Koriel Unit 2-22
 Formation: Dst 2 Arbuckle (3400-3457)
 Pool: Infield
 Job Number: RR112

Koriel Unit 2-22





Diamond Testing LLC

P.O. Box 157

HoisingtonKS 67544

Ricky Ray - Tester

(620) 617-7261

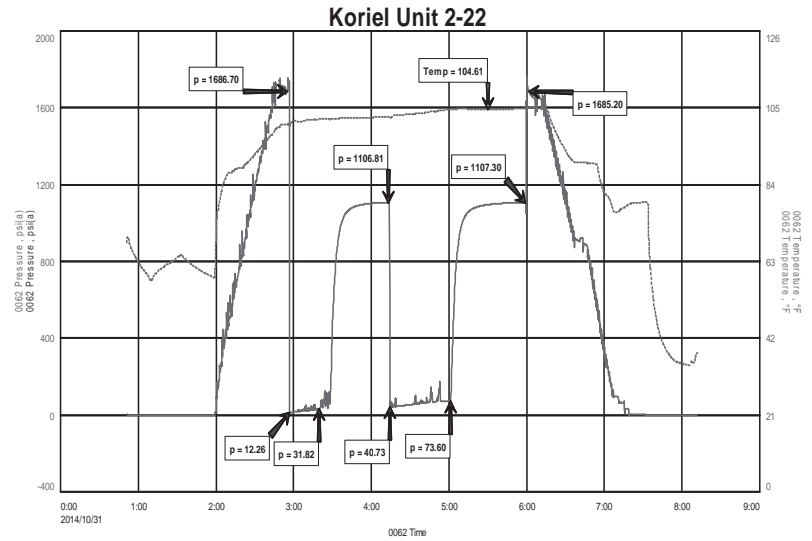
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling
Well Name	Koriel Unit 2-22
Surface Location	Sec: 22-18s-14w (Barton County)
Field	Laud West
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kim Shoemaker
Gauge Name	0062

Test Information

Job Number	RR112
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Arbuckle (3400-3457)
Start Test Date	2014/10/31 YYYY/MM/DD
Start Test Time	00:51:00 HH:mm:ss
Final Test Date	2014/10/31 YYYY/MM/DD
Final Test Time	08:11:00 HH:mm:ss



Test Results

Recovery

65'	M	100% M	
62'	SLWM	60% W	40% M
127'	Total Fluid		

Tool Sample: 60 %W 40% M