

15-167-23569

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Mag 128-441

28-155-11w

TIME ON: 02:23TIME OFF: 10:42

Company Buffalo Resources LLC Lease & Well No. Mag # 1-28
Contractor Duke Rig 2 Charge to Buffalo Resources LLC
Elevation 1731 KB Formation LKC 'H' Effective Pay _____ Ft. Ticket No. _____
Date 4.26.09 Sec. 28 Twp. 15 S Range 11 W County Russell State KANSAS
Test Approved By Ante S. Gung Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 3046 ft. to 3078 ft. Total Depth 3290 ft.
Packer Depth 3041 ft. Size 6 3/4 in. Packer depth 3078 ft. Size 6 3/4 in.
Packer Depth 3046 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set 3078

Top Recorder Depth (Inside) 3027 ft. Recorder Number _____ Cap. _____ P.S.I. _____
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I. _____
Below Straddle Recorder Depth 3387 ft. Recorder Number 3815 Cap. _____ P.S.I. _____

Mud Type Chem Viscosity 53 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss KCC 10.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 5800 P.P.M. Drill Pipe Length 3014 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 32 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: Weak "H" blow inc to 2"
2nd Open: Weak surface blow inc to 3/4"

Recovered 30 ft. of Dm with oil specks
Recovered _____ ft. of _____
Recovered _____ ft. of _____

KANSAS CORPORATION COMMISSION

MAY 06 2009

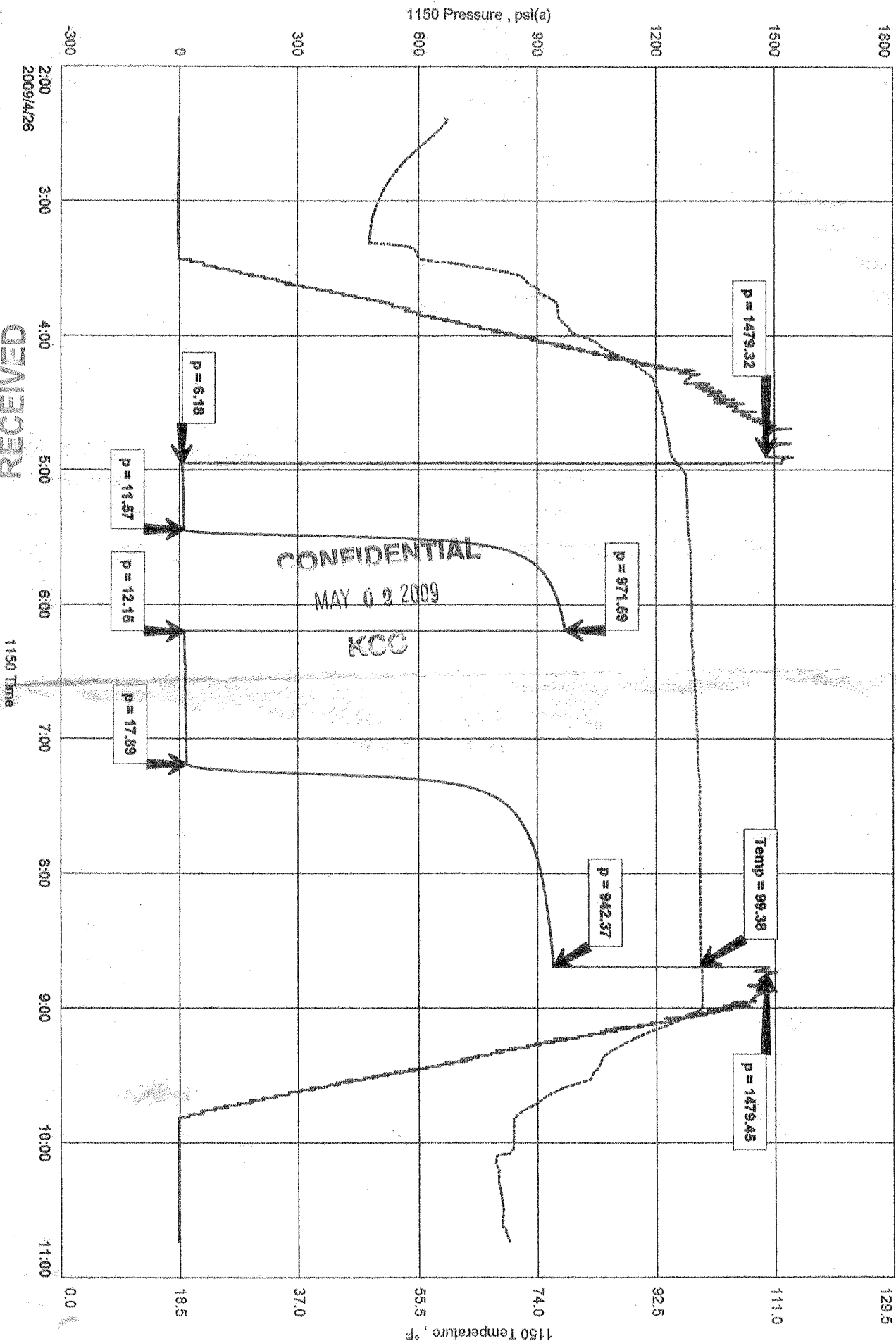
RECEIVED

Recovered _____ ft. of _____	Price Job
Remarks: <u>Tool sample: 100% dm with a few oil specks</u>	Other Charges
	Insurance
	Total

Time Set Packer(s) 4:57 A.M. Time Started Off Bottom 8:42 A.M. Maximum Temperature 99

Initial Hydrostatic Pressure..... (A) 1479 P.S.I.
Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 12 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 972 P.S.I.
Final Flow Period..... Minutes 60 (E) 12 P.S.I. to (F) 18 P.S.I.
Final Closed In Period..... Minutes 90 (G) 942 P.S.I.
Final Hydrostatic Pressure..... (H) 1479 P.S.I.

MOG #1-28



RECEIVED

MAY 09 0 AM

2009/4/26