



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 6722

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 2277 G.L. Formation _____ Eff. Pay _____ Ft.

District WaKeeney Date 2-5-85 Customer Order No. _____

COMPANY NAME Pickrell Drilling Company

ADDRESS 110 N. Market Suite 205 Wichita Ks.

LEASE AND WELL NO. Cline # 1-C COUNTY Ness STATE Ks Sec. 15 Twp. 162 Rge. 21E

Mail Invoice To _____ Co. Name same Address _____ No. Copies Requested 5

Mail Charts To # 1-C CLINE Address same No. Copies Requested 5

Formation Test No. 4 Interval Tested From 4186 ft. to 4211 ft. Total Depth 4211 ft.

Packer Depth 4181 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4186 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4196 ft. Recorder Number 4376 Cap. 4000

Bottom Recorder Depth (Outside) 4199 ft. Recorder Number 6234 Cap. 4500

Below Saddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Pickrell #10 Drill Collar Length 180 I. D. 2.5 in.

Mud Type chem Viscosity 47 Weight Pipe Length _____ I. D. _____ in.

Weight 9.6 Water Loss 11.2 cc. Drill Pipe Length 3979 I. D. 3.6 in.

Chlorides 15,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.

Jars: Make W.T.C. Serial Number _____ Anchor Length 25 ft. Size 5 1/2 in.

Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Blow: _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x H. in.

Recovered 280 ft. of mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides 14,000 P.P.M. Sample Jars used 2 Remarks: Packer Failure

Time On Location 8:30 A.M. Time Pick Up Tool 9:00 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 10:45 P.M. Time Started Off Bottom 11:00 A.M. Maximum Temperature _____ P.M.

Initial Hydrostatic Pressure _____ (A) 2112 P.S.I.

Initial Flow Period _____ Minutes (B) _____ P.S.I. to (C) _____ P.S.I.

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

Final Flow Period _____ Minutes (E) _____ P.S.I. to (F) _____ P.S.I.

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

Final Hydrostatic Pressure _____ (H) 2082 P.S.I.

COMPANY TERMS
Western Testing Co., Inc. has no liability 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, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

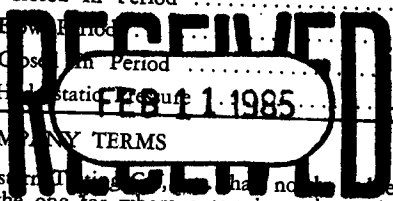
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Thomas [Signature]
Signature of Customer or his authorized representative

Western Representative Kae Klyke 1135

FIELD INVOICE

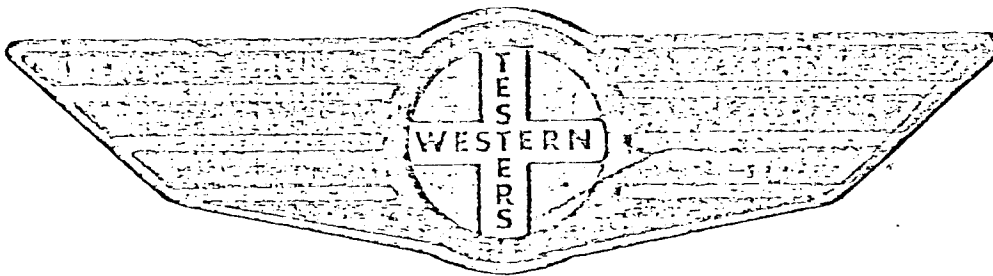
Open Hole Test	\$ _____
Misrun	\$ <u>1400</u>
Straddle Test	\$ _____
Jars	\$ <u>1300</u>
Selective Zone	\$ _____
Safety Joint	\$ <u>165</u>
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____



FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company _____ Lease and Well No. _____

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 2/5/85
CUSTOMER: PICKRELL DRILLING COMPANY
WELL: 1-C TEST: 4
ELEVATION (KB): 2282 FORMATION:
SECTION: 15 TOWNSHIP: 16S
RANGE: 21W COUNTY: NESS STATE: KS
GAUGE SN #4376 RANGE: 4000 CLOCK: 12

INTERVAL TEST FROM: 4186 FT TO: 4211 FT TOTAL DEPTH: 4211 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4181 FT SIZE: 6 3/4 IN Packer DEPTH: 4186 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN Packer DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: PICKRELL
MUD TYPE: CHEMICAL VISCOSITY: 47
WEIGHT: 9.6 WATER LOSS (CC): 11.2
CHLORIDES (P.P.M.): 15000
JARS - MAKE: WTC SERIAL NUMBER: 410
DID WELL FLOW? REVERSED OUT?
DRILL COLLAR LENGTH: 180 FT I.D.: 2.5 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3979 FT I.D.: 3.6 IN
TEST TOOL LENGTH: 27 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 25 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW:

RECOVERED: 280 FT OF: MUD
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
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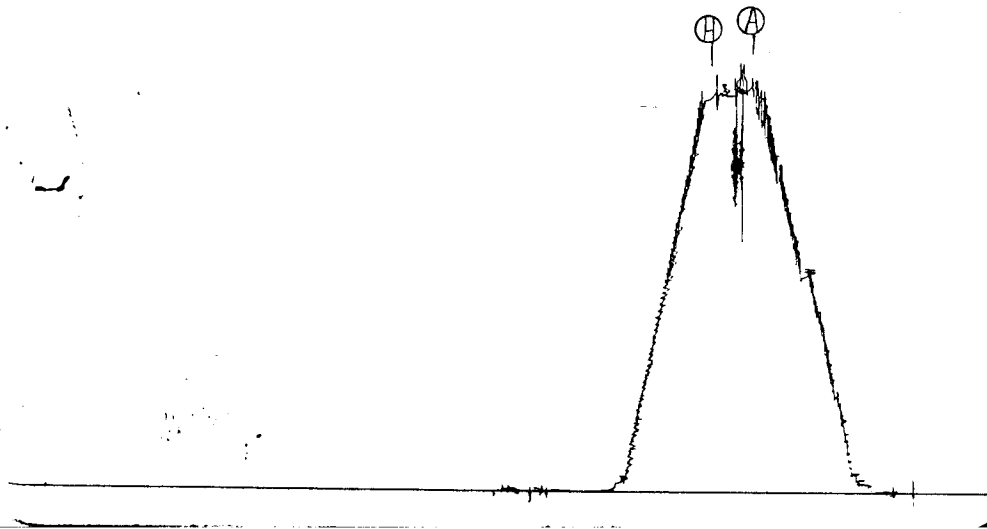
REMARKS: CHLORIDES 14000 P.P.M.
PACKER FAILURE

TIME SET PACKER(S): 10:45 PM TIME STARTED OFF BOTTOM: 11:00 PM
WELL TEMPERATURE: 0 'F
INITIAL HYDROSTATIC PRESSURE: (A) 2104 PSI
INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) 0 PSI
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0 PSI
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI
FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI
FINAL HYDROSTATIC PRESSURE (H) 2064 PSI

TKT # 6722

4376
D574

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TKT # 6722

DST 4

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