



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. **6721**

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

Elevation 22776.4 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. 16S Rge. 2W

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

Mail Charts To # T-C Cline Address same No. Copies Requested 5

Formation Test No. 3 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 Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

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

Mud Type chem Viscosity 50 Weight Pipe Length _____ I. D. _____ in.

Weight 9.4 Water Loss 15.4 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.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: Could not get to Bottom of Hole

Started taking wait 50' off Bottom

Time On Location 12:30 AM Time Pick Up Tool 1:00 AM Time Off Location _____ AM

Time Set Packer(s) _____ AM Time Started Off Bottom 4:00 AM Maximum Temperature _____ AM

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

RECEIVED
FEB 11 1985

COMPANY TERMS

Western Testing Co., Inc. 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, 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 Paul
Signature of Customer or his authorized representative

Western Representative Ken Kofke

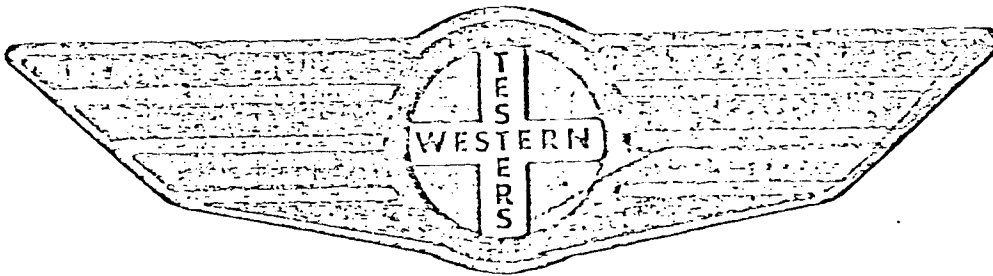
FIELD INVOICE

Open Hole Test \$ 400
Misrun \$ 0
Straddle Test \$ 0
Jars \$ 300
Selective Zone \$ 0
Safety Joint \$ 65
Standby \$ 0
Evaluation \$ 0
Extra Packer \$ 0
Circ. Sub. \$ 0
Mileage \$ 0
Fluid Sampler \$ 0
Extra Charts \$ 0

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company PICKRELL DRILLING COMPANY Lease and Well No. #1-C CLINE Sec. 15 Twp. 16S Rge. 21W - 651 - 10 - 2 - 1911

WESTERN TESTING COMPANY INC.
 SUBSURFACE PRESSURE SURVEY

DATE: 2/5/85
 CUSTOMER: PICKRELL DRILLING COMPANY
 WELL: 1-C TEST: 3
 ELEVATION (KB): 2282 FORMATION:
 SECTION: 15 TOWNSHIP: 16S
 RANGE: 21W COUNTY: NESS STATE: KS
 GAUGE SN #4376 RANGE: 4000 CLOCK: 12

TICKET #6721
 LEASE: CLINE
 GEOLOGIST: FUNK

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: 50
 WEIGHT: 9.4 WATER LOSS (CC): 15.4
 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:

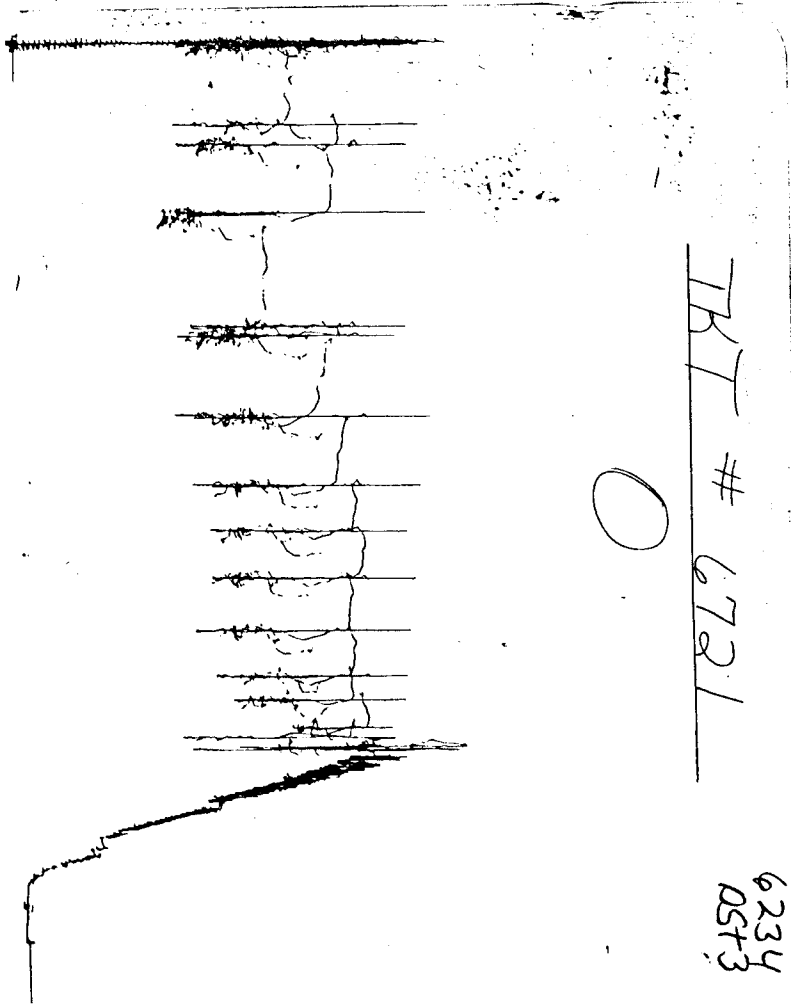
RECOVERED: FT OF:
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REMARKS: COULD NOT GET TO BOTTOM OF HOLE: STARTED
 TAKING WEIGHT 50' OFF BOTTOM.

TIME SET PACKER(S):

TIME STARTED OFF BOTTOM: 4:00 AM

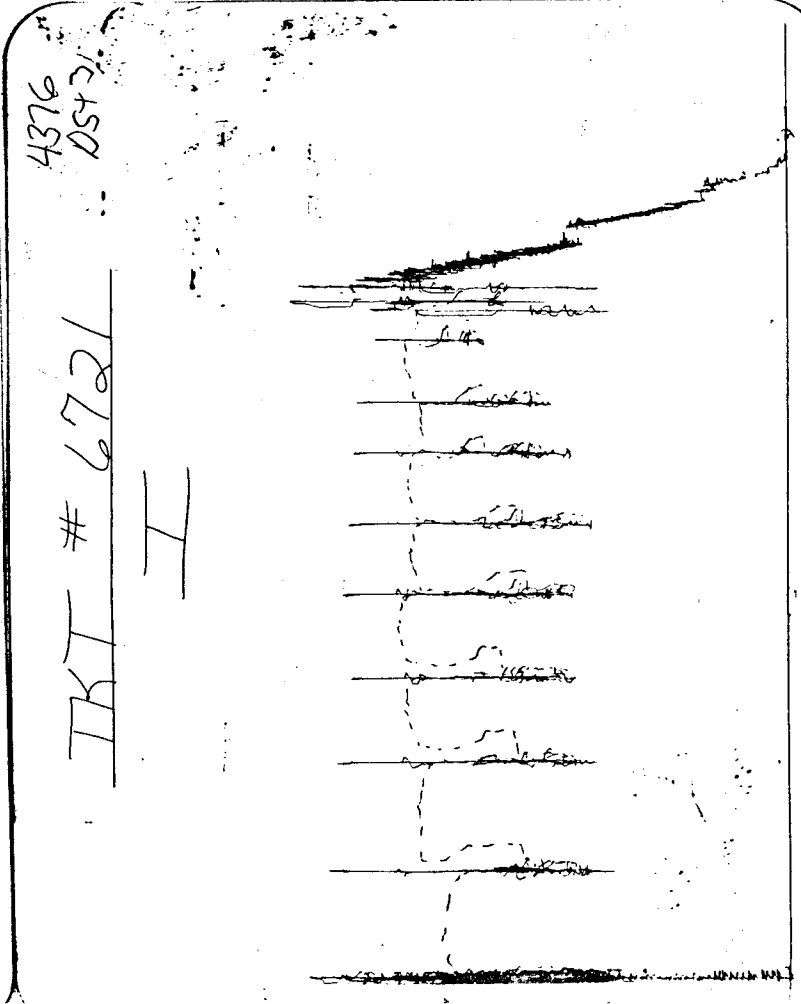
WELL TEMPERATURE: 0 'F
 INITIAL HYDROSTATIC PRESSURE: (A) PSI
 INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) 0 PSI
 INITIAL CLOSED IN PERIOD MIN: 0 (D) 0 PSI
 FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) 0 PSI
 FINAL CLOSED IN PERIOD MIN: 0 (G) 0 PSI
 FINAL HYDROSTATIC PRESSURE (H) PSI



TRI # 6721

O

6234
05+3



4376
9154

TRI # 6721

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