



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No

255

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Elevation 1220 KB

Formation Miss

Eff. Pay — Ft.

District Augusta

Date 26 June 78

Customer Order No. —

COMPANY NAME Carr Explorations

ADDRESS 1540 N. Broadway Wichita, Ks

LEASE AND WELL NO. Shorter #1 COUNTY Cowley STATE KANSAS Sec. 22 Twp. 33S Rge. 6E

Mail Invoice To _____ No. Copies Requested _____

Co. Name _____

Address _____

Mail Charts To _____ No. Copies Requested _____

Address _____

Formation Test No. 1 Interval Tested from 3026 ft. to 3041 ft. Total Depth 3041 ft.

Packer Depth 3021 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3026 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set —

Top Recorder Depth (Inside) _____ ft.

Recorder Number 1561 Cap. 3200

Bottom Recorder Depth (Outside) _____ ft.

Recorder Number 1562 Cap. 3150

Below Straddle Recorder Depth — ft.

Recorder Number — Cap. —

Drilling Contractor White & Ellis Rig 2

Drill Collar Length _____ I. D. _____ in.

Mud Type Chemical Viscosity 33

Weight Pipe Length _____ I. D. _____ in.

Weight 9.7 Water Loss 15.2 cc.

Drill Pipe Length _____ I. D. _____ in.

Chlorides 1900 P.P.M.

Test Tool Size _____ in. Tool Joint Size 3 1/2 IF in.

Jars: Make — Serial Number —

Anchor Length 15 ft. Size _____ in.

Did Well Flow? — Reversed Out —

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in.

Blow: Opened tool no blow - Came out with tool - (Did not take shut-in)

Recovered 1' ft. of Dry mud

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks:

Time Set Packer(s) 10:00 A.M. Time Started Off Bottom _____ A.M. Maximum Temperature 108

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

Initial Flow Period _____ Minutes 35 (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.

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 _____
Signature of Customer or his authorized representative.

Western Representative Bill Hager - N. Allen

TIME ON LOCATION 6:45 PM 26 June 78

FIELD INVOICE

Open Hole Test	\$	
Misrun	\$	No Charge
Straddle Test	\$	
Jars	\$	
Selective Zone	\$	
Safety Joint	\$	
Standby	\$	
Evaluation	\$	
Extra Packer	\$	
Circ. Sub.	\$	
Mileage	\$	
Extra Charts	\$	

TOTAL

\$

TK+ #255

I.

1561



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Company Carr Explorations, Inc. Lease & Well No. Shorter #1
Elevation 1220 Kelly Bush. Formation Mississippi Effective Pay _____ Ft. Ticket No. 255
Date 6-26-78 Sec. 22 Twp 33S Range 6E County Cowley State Kansas
Test Approved by Gary E. Caruthers Western Representative Norman Allen-William Hager

Formation Test No. 1 Interval Tested from 3026 ft. to 3041 ft. Total Depth 3041 ft.
Packer Depth 3021 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3026 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number 1561 Cap. 3200
Bottom Recorder Depth (Outside) _____ ft. Recorder Number 1562 Cap. 3150
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor White & Ellis Drlg. (#2) Drill Collar Length _____ I. D. _____ in.
Mud Type Chemical Viscosity 33 Weight Pipe Length _____ I. D. _____ in.
Weight 9.7 Water Loss 15.2 cc. Drill Pipe Length _____ I. D. _____ in.
Chlorides 1,900 P.P.M. Test Tool Size _____ in. Tool Joint Size 3 1/2 IF in.
Jars: Make _____ Serial Number _____ Anchor Length 15 ft. Size _____ in.
Did Well Flow? _____ Reversed Out _____ Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in.

Blow: Opened tool, no blow. Came out with tool- did not take shut-in.

Misrun

Recovered 1 ft. of drilling mud.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: Misrun

Time Set Packer(s) 10:00 A.M. Time Started Off Bottom _____ A.M. Maximum Temperature 118
Initial Hydrostatic Pressure _____ (A) _____ P.S.I.
Initial Flow Period _____ Minutes 35 (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.