



P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

WESTERN TESTING CO., INC. 35-25-19W
FORMAT TESTING

TICKET 22912

Formation HGS Elevation 2220 ft B Eff. Pay _____ Ft.

District Great Bend, KS Date 12-29-77 Customer Order No. _____

COMPANY NAME B M G
ADDRESS 1407 Helms Bank Bldg, Denver Colo, 80202
LEASE AND WELL NO #1 D. Nick COUNTY Edwards STATE KS Sec 35 Twp 25 Rge 19 W
Mail Inv. To Same As Above No. Copies Requested 5
Co. Name " Address " No. Copies Requested 5
Mail Charts To " Address " No. Copies Requested 5

Formation Test No. 1 O.K. — Misrun — Interval Tested From 4714 to 4730 Total Depth 4730
Size Main Hole 7 3/8 Rat Hole — Conv. — B.T. — Damaged Yes — No Conv. — B.T. — Damaged — Yes — No
Top Packer Depth 4709 Ft. Size 6 3/4 Bottom Packer Depth 4714 Ft. Size 6 3/4
Straddle — Conv. — B.T. — Damaged — Yes — No Packer Depth — Ft. Size —
Tool Size 5 5/8 Tool Joint Size 4 1/2 FH Anchor Length 16 Ft. Size 5 5/8 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4718 Ft. Clock No. 8476 Depth 4721 Ft. Clock No. 9725
Top Make Kuster Cap. 3000 No. 3474 Inside Bottom Make Kuster Cap. 4000 No. 3659 Outside
Below Straddle: Depth — Rec. No. — Clock No. — Outside Depth — Ft. Rec. No. — Clock No. — Outside

Time Set Packer 12.58 M
Tool Open I.F.P. From 1.00 P M. to 1.30 M — Hr. 30 Min. From (B) — P.S.I. To (C) — P.S.I.
Tool Closed I.C.I.P. From 1.30 M. to 2.15 M. — Hr. 45 Min. (D) — Pressures P.S.I.
Tool Open F.F.P. From 2.15 M. to 3.15 M. — Hr. 60 Min. From (E) — P.S.I. To (F) — P.S.I.
Tool Closed F.C.I.P. From 3.15 M. to 4.45 M. — Hr. 90 Min. (G) — Incorrecut P.S.I.
Initial Hydrostatic Pressure (A) — P.S.I. Final Hydrostatic Pressure (H) — P.S.I. Maximum Temp. 143

INFORMATION

BLOW 2" Decreased To 1" By End of 1st F.P.
Weak Drill In 50 min on 2nd Opening.
Did Well Flow — Yes — No Recovery Total Ft. 1080' D-1 Mud

Rev. Out — Yes — No Mud Type Starch Viscosity 40 Weight 92 Water Loss 28.0 cc. Chlorides 72.000 PPM
EXTRA EQUIPMENT: Type Circ. Sub Pin Safety Joint Yes Jars: Size 4 3/4 In. Make WTC Ser. No. 410
Dual Packers yes Did Packers Hold? yes Did Tool Plug? NO Where? —
DRILLING CONTRACTOR B-N D-1s Rig 16 Length Drill Pipe 4072 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 x 4 In.
Len. Weight Pipe 185 ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 x 4 In. Length Drill Collars 429 ft. I.D. Drill Collars 3.7 In.
Tool Joint Size 4 1/2 x 4 In. Length D.S.T. Tool 44 ft.

Remarks Tool Was Opened Before
IT Reached Bottom. Driller H.T. Bridge
On Way To Bottom & Opened Tool.

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage 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 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 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

INVOICE SECTION

Open Hole Test	\$ 44.00
Straddle Test	\$ —
Jars	\$ 225.00
Selective Zone	\$ —
Safety Joint	\$ 35.00
Misrun	\$ 200.00
Evaluation	\$ —
Packer	\$ —
Circ. Sub.	\$ —
Total	\$ 460.00

Test Approved By VTRessera Western Representative Denis Warden
Signature of Customer or his Authorized Representative Operator's Time Thank You
Hrs.



P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

WESTERN TESTING CO., INC. **35-25-19W**
FORMA TESTING
TICKET **22913**

Formation M.S.S Elevation 2220 KB Eff. Pay Ft.

District Great Bend, KS Date 12-30-77 Customer Order No.

COMPANY NAME B M G
ADDRESS 1400 Metro Bank Bldg, Denver, Colo. 80202
LEASE AND WELL NO. #1 Denick COUNTY Edwards STATE KS Sec. 35 Twp. 25 Rge. 19W
Mail Inv. To Same As Above No. Copies Requested 5
Co. Name 11 Address
Mail Charts To Address No. Copies Requested 5

Formation Test No. 2 O.K. — Misrun ✓ Interval Tested From 4714 to 4740 Total Depth 4740
Size Main Hole 7 3/8 Rat Hole — Conv. — B.T. ✓ Damaged — Yes ✓ No Conv. ✓ B.T. — Damaged ✓ Yes — No
Top — er Depth 4709 Ft. Size 6 3/4 Bottom Packer Depth 4714 Ft. Size 6 3/4
Straddle — Conv. — B.T. — Damaged — Yes — No Packer Depth Ft. Size
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 26 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4730 Ft. Clock No. 8476 Depth 4733 Ft. Clock No. 9725
Top Make Kuster Cap. 3000 No. 3474 Inside — Outside —
Bottom Make Kuster Cap. 4000 No. 3659 Inside — Outside —
Below Straddle: Depth — Rec. No. — Clock No. — Inside — Outside —

Time Set Packer 4.28 P — M —
Tool Open I.F.P. From 4.30 M. to 5.00 M. Hr. 30 Min. From (B) — P.S.I. To (C) — P.S.I.
Tool Closed I.C.I.P. From — M. to — M. Hr. — Min. (D) — P.S.I.
Tool Open F.F.P. From OUT M. to of hole Hr. — Min. From (E) — P.S.I. To (F) — P.S.I.
Tool Closed F.C.I.P. From — M. to — M. Hr. — Min. (G) — P.S.I.
Initial Hydrostatic Pressure (A) — P.S.I. Final Hydrostatic Pressure (H) — P.S.I. Maximum Temp. 130

INFORMATION
BLOW Few Bubbles Flushed Tool & Died On 1st Opening
Did Well Flow — Yes ✓ No — Recovery Total Ft. 1620' Dry Mud

Reve Out — Yes ✓ No — Mud Type Starch Viscosity 45 Weight 9.4 Water Loss 14.2 cc. Chlorides 78,000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. P.in Safety Joint yes Jars: Size 4 3/4 In. Make WTL Ser. No. 410
Dual Packers yes Did Packers Hold? yes Did Tool Plug? no Where? —
DRILLING CONTRACTOR B+N Drilling Rig 16 Length Drill Pipe 4072 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 x 4 In.
Len. 185 Weight Pipe 185 ft. I.D. Weight Pipe 3.7 In. Tool Joint Size 7 1/2 x 4 In. Length Drill Collars 429 ft. I.D. Drill Collars 3.7 In.
Tool Joint Size 4 x 4 In. Length D.S.T. Tool 54 ft.

Remarks Tool was Operated Before
IT Reached Bottom From A Tight Hole.

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage 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 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 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

INVOICE SECTION

Open Hole Test	\$ <u>—</u>
Straddle Test	\$ <u>—</u>
Jars	\$ <u>225.00</u>
Selective Zone	\$ <u>—</u>
Safety Joint	\$ <u>35.00</u>
Misrun	\$ <u>200.00</u>
Evaluation	\$ <u>—</u>
Packer	\$ <u>—</u>
Circ. Sub.	\$ <u>—</u>
Total	\$ <u>460.00</u>

Test Approved By J. P. Rensner Western Representative Denis Wondra
Signature of Customer or his Authorized Representative Operator's Time Thanks You Hrs. —