



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No 21579

J. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 4495 KB Formation Speerger Eff. Pay Ft.

District Hugoton Date 12-29-95 Customer Order No. —

COMPANY NAME Mull Drilling Company

ADDRESS Wichita KS

LEASE AND WELL NO. UPRR - Hiss #3 COUNTY Cheyenne STATE Colo Sec. 29 Twp. 13S Rge. 44W

1 Invoice To SEE Distribution Sheet No. Copies Requested 12

Co. Name " " Address " " No. Copies Requested 12

2 Charts To Address No. Copies Requested

Formation Test No. 1 Interval Tested From 5407 ft. to 5475 ft. Total Depth 5475 ft.

Packer Depth 5402 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.

Packer Depth 5407 ft. Size 6 7/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Recorder Depth (Inside) 5460 ft. Recorder Number 1562 Cap. 3900

Bottom Recorder Depth (Outside) 5463 ft. Recorder Number 2605 Cap. 4150

Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Muehlen #2 14 Drill Collar Length 540 I. D. 2 1/4 in.

Fluid Type Chemical Viscosity 49 Weight Pipe Length - I. D. - in.

Weight 9.1 Water Loss 7.2 cc. Drill Pipe Length 4840 I. D. 3.8 in.

Gravel orides 4000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.

S: Make WTC Serial Number 408 Anchor Length 68 ft. Size 5 1/2 in.

1 Well Flow? NO Reversed Out NO 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 x 6 in.

Flow: Weak surface flow increasing to 2 1/2" in bucket on 1st flow period //

Weak to fair flow 5" in bucket on 2nd flow period //

covered 330 ft. of 900 in pipe

covered 60 ft. of free gravity oil 90% oil 10% gas 37 gravity covered to 60"

covered 150 ft. of oil cut mud 25% oil 75% mud

covered 210 ft. of Total

covered ft. of

Gravel orides 4200 P.P.M. Sample Jars used 4 Remarks: 29' of drill collar in anchor //

Time in Mountain Time //

Time On Location 8:30 AM Time Pick Up Tool 10:00 AM Time Off Location 10:30 AM

Time Set Packer(s) 1:45 PM Time Started Off Bottom 5:30 PM Maximum Temperature 127 °F

Initial Hydrostatic Pressure (A) 2705 P.S.I.

Initial Flow Period Minutes 30 (B) 100 P.S.I. to (C) 120 P.S.I.

Initial Closed In Period Minutes 45 (D) 966 P.S.I.

Initial Flow Period Minutes 90 (E) 136 P.S.I. to (F) 170 P.S.I.

Initial Closed In Period Minutes 60 (G) 926 P.S.I.

Initial Hydrostatic Pressure (H) 2577 2587 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 Roger L. Martin

Signature of Customer or his authorized representative

Western Representative WK Hagen Thank You!

FIELD INVOICE

Open Hole Test \$ ✓

Misrun \$

Straddle Test \$

Jars \$ ✓

Selective Zone \$

Safety Joint \$ ✓

Standby \$

Evaluation \$

Extra Packer \$

Circ. Sub. \$

Mileage \$

Fluid Sampler \$

7 Extra Charts \$