



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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 8020

Elevation 7240 RB EST Formation Miss Eff. Pay - Ft.

District Augusta Date 2-1-81 Customer Order No.

COMPANY NAME HOLT OIL & GAS CORPORATION

ADDRESS 1255 CAMPBELL CENTER II - 8215 N. Central Expressway / Dallas Texas 75225

LEASE AND WELL NO. TUGENT #1 / ZETA PROSPECT COUNTY Sumner STATE Ks Sec. 22 Twp 32S Rge 2E

Mail Invoice To Same Co. Name Address No. Copies Requested 1E

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3508 ft. to 3521 ft. Total Depth 3521 ft.

Packer Depth 3503 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3508 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3514 ft. Recorder Number 5666 Cap. 3950

Bottom Recorder Depth (Outside) 3517 ft. Recorder Number 1559 Cap. 4200

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

Drilling Contractor Triangle Drilling #2 Drill Collar Length 357 I. D. 2 1/4 in.

Mud Type Chem Viscosity 53 Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 10.0 cc. Drill Pipe Length 3121 I. D. 3.8 in.

Chlorides 2000 P.P.M. Test Tool Length 30 ft. Tool Size 5 3/4 in.

Jars: Make WTC Serial Number 414 Anchor Length 13 ft. Size 5 3/4 in.

Did Well Flow? No Reversed Out No. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

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

Blow: 27 each to very weak 27 minutes

Recovered 120 ft. of Drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Missrun Plugged tool

Slid tool 10' to bottom

Time On Location 10:00 2-1 A.M. Time Pick Up Tool 1:00 A.M.

Time Set Packer(s) 3:30 P.M. Time Started Off Bottom 5:35 P.M. Maximum Temperature

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

Initial Flow Period Minutes 15 (B) P.S.I. to (C) P.S.I.

Initial Closed In Period Minutes 30 (D) P.S.I.

Final Flow Period Minutes 25 (E) P.S.I. to (F) P.S.I.

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

Final Hydrostatic Pressure (H) X 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 M. Paul Sullivan Signature of Customer or his authorized representative

Western Representative Norman Allen

Jeff Beauchamp

FIELD INVOICE

Open Hole Test \$ 02

Misrun \$ 400 02

Straddle Test \$ 02

Jars \$ 300 02

Selective Zone \$ 65 00

Safety Joint \$ 02

Standby \$

Evaluation \$

Extra Packer \$

Circ. Sub. \$ 32 25

Mileage \$

Fluid Sampler \$

Extra Charts \$

Insurance \$ 50.00

TOTAL \$ 847 25

Company Holt Oil & Gas Corporation Lease & Well No. J. Nugent #1/Zelta Prospect
Elevation Est 1240 Kelly Busing Formation Mississippi Effective Pay - Ft. Ticket No. 8020
Date 2/1/81 Sec. 22 Twp 31S Range 1E County Sumner State Kansas
Test Approved by M. Paul Callahan Western Representative Norman Allen-Jeff Beauchamp

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Packer Depth 3508 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3514 ft. Recorder Number 5666 Cap. 3950

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

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Mud Type Chemical Viscosity 53 Weight Pipe Length - I. D. - in.

Weight 9.6 Water Loss 10.0 cc. Drill Pipe Length 3121 I. D. 3.8 in.

Chlorides 2000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 414 Anchor Length 13 ft. Size 5 1/2 OD in.

Did 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 XH in.

Blow: Weak to very weak - 27 minutes.

Recovered 120 ft. of drilling mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: Slid tool 10 ft to bottom. Plugged Tool. Misrun.

Read outside chart.

Time Set Packer(s) 3:30 A.M. Time Started Off Bottom 5:35 A.M. Maximum Temperature -

Initial Hydrostatic Pressure (A) 1835 P.S.I.

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

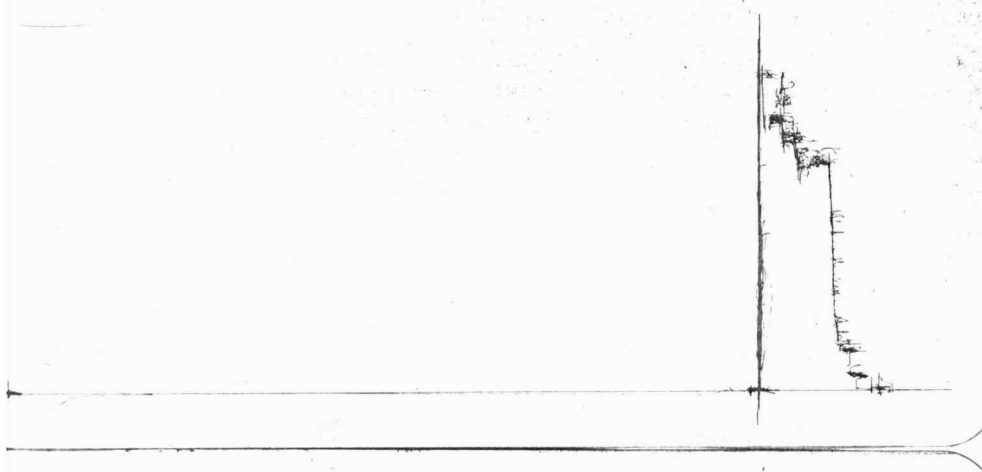
Initial Closed In Period Minutes - (D) - P.S.I.

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) 1827 P.S.I.

IKT # 8020
I



IKT # 8020
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