WESTERN TESTERS

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Stelbar Oil Corporation Inc. Lease & Well No. Gimple A-#1

Elevation 1264 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 21890

Date 9-2-77 Sec. 32 Twp. 29S Range 5E County Butler State Kansas

Test Approved by Charles J. Slagle Western Representative Norman Allen

Formation Test No. 1 O.K. X Misrun - Interval Tested From 2182' to 2205' Total Depth 2205'

Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No

Top Packer Depth 2177 Ft. Size 6 3/4OD Bottom Packer Depth 2182 Ft. Size 6 3/4OD

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 23 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 2198 Ft. Clock No. 9727 Depth 2201 Ft. Clock No. 6800

Top Make Kuster Cap. 4500 No. 3085 ~~Inside~~ ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 1559 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 12:58P M

Tool Open I.F.P. From 1:00P M. to 1:30P M. - Hr. 30 Min. From (B) 29 P.S.I. To (C) 18 P.S.I.

Tool Closed I.C.I.P. From 1:30 M. to 2:00P M. - Hr. 30 Min (D) 22 P.S.I.

Tool Open F.F.P. From 2:00P M. to 2:30P M. - Hr. 30 Min. From (E) 17 P.S.I. To (F) 27 P.S.I.

Tool Closed F.C.I.P. From 2:30P M. to 3:00P M. - Hr. 30 Min. (G) 30 P.S.I.

Initial Hydrostatic Pressure (A) 1127 P.S.I. Final Hydrostatic Pressure (H) 1111 P.S.I. Maximum Temp. 100

## INFORMATION

BLOW Weak for 8 minutes. Flushed tool once (good surge)

Did Well Flow - Yes X No Recovery Total Ft. 15' drilling mud with show of oil in tool.

Reversed Out - Yes X No Mud Type Chem Viscosity 49 Weight 9.9 Water Loss 14.0 cc. Chlorides 1,500 p.p.m.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR White & Ellis Drlg Co. Length Drill Pipe? 2012 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4½XH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 150 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 43 Ft.

Remarks:

# WESTERN TESTING CO., INC.
## Pressure Data

Date 9-2-77 Test Ticket No. 21890

Recorder No. 3085 Capacity 4500 Location 2198 Ft.

Clock No. 9727 Elevation 1264 Kelly Bushing Well Temperature 100 °F

| Point | Pressure | | Time Given | Time Computed |
|---|---|---|---|---|
| A Initial Hydrostatic Mud | 1127 P.S.I. | Open Tool | 12:58P M | |
| B First Initial Flow Pressure | 29 P.S.I. | First Flow Pressure | 30 Mins. | 30 Mins. |
| C First Final Flow Pressure | 18 P.S.I. | Initial Closed-in Pressure | 30 Mins. | 30 Mins. |
| D Initial Closed-in Pressure | 22 P.S.I. | Second Flow Pressure | 30 Mins. | 30 Mins. |
| E Second Initial Flow Pressure | 17 P.S.I. | Final Closed-in Pressure | 30 Mins. | 30 Mins. |
| F Second Final Flow Pressure | 27 P.S.I. | | | |
| G Final Closed-in Pressure | 30 P.S.I. | | | |
| H Final Hydrostatic Mud | 1111 P.S.I. | | | |

## PRESSURE BREAKDOWN

**First Flow Pressure**
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

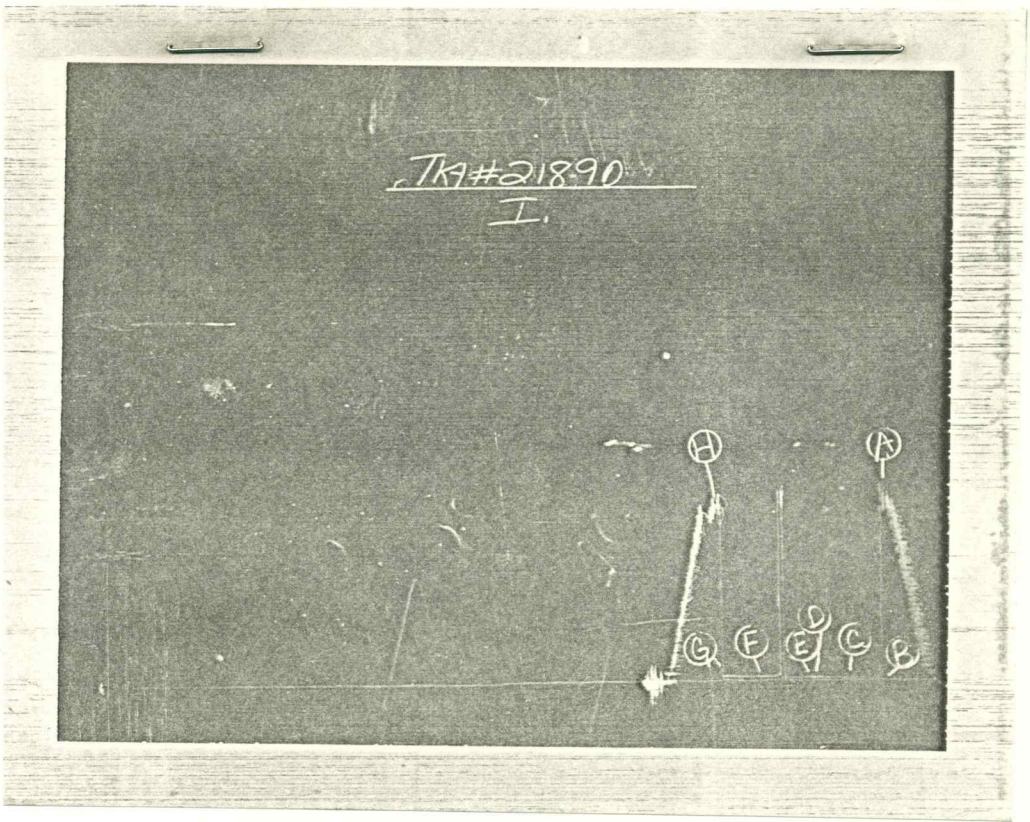
**Initial Shut-In**
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

**Second Flow Pressure**
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

**Final Shut-In**
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

| | First Flow Pressure | | Initial Shut-In | | Second Flow Pressure | | Final Shut-In | |
|---|---|---|---|---|---|---|---|---|
| | Point Mins. | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
| P 1 | 0 | 29 | 0 | 18 | 0 | 17 | 0 | 27 |
| P 2 | 5 | 23 | 3 | 18 | 5 | 18 | 3 | 27 |
| P 3 | 10 | 18 | 6 | 18 | 10 | 18 | 6 | 29 |
| P 4 | 15 | 15 | 9 | 18 | 15 | flushed tool | 9 | 29 |
| P 5 | 20 | 18 | 12 | 20 | 20 | 38 | 12 | 28 |
| P 6 | 25 | 18 | 15 | 22 | 25 | 27 | 15 | 29 |
| P 7 | 30 | 18 | 18 | 22 | 30 | 27 | 18 | 29 |
| P 8 | | | 21 | 22 | | | 21 | 29 |
| P 9 | | | 24 | 22 | | | 24 | 30 |
| P10 | | | 27 | 22 | | | 27 | 30 |
| P11 | | | 30 | 22 | | | 30 | 30 |
| P12 | | | | | | | | |
| P13 | | | | | | | | |
| P14 | | | | | | | | |
| P15 | | | | | | | | |
| P16 | | | | | | | | |
| P17 | | | | | | | | |
| P18 | | | | | | | | |
| P19 | | | | | | | | |
| P20 | | | | | | | | |

COMPANY Stelbar Oil Corporation Inc. LEASE AND WELL NO. Gimple A-#1 SEC. 32 TWP. 19S RGE. 5E TEST NO. 1 DATE 9-2-77




This is an actual photograph of recorder chart.

| POINT | | PRESSURE Field Reading | Office Reading | |
|---|---|---|---|---|
| (A) | Initial Hydrostatic Mud | 1117 | 1127 | PSI |
| (B) | First Initial Flow Pressure | 24 | 29 | PSI |
| (C) | First Final Flow Pressure | 24 | 18 | PSI |
| (D) | Initial Closed-in Pressure | 24 | 22 | PSI |
| (E) | Second Initial Flow Pressure | 28 | 17 | PSI |
| (F) | Second Final Flow Pressure | 28 | 27 | PSI |
| (G) | Final Closed-in Pressure | 28 | 30 | PSI |
| (H) | Final Hydrostatic Mud | 1110 | 1111 | PSI |