



WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET

No

5568

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1219 KB

Formation Cattlemen

Eff. Pay Ft.

District Augusta

Date 8-10-84

Customer Order No. -

COMPANY NAME Stelbar Oil Corp Inc

ADDRESS 450 Fourth Financial Center Wichita, KS 67202

LEASE AND WELL NO. Daves Unit 34 COUNTY Cowley STATE KS Sec. 10 Twp 30 S Rge. 4 E

Mail Invoice To Same #34 DAVES UNIT No. Copies Requested 1

Mail Charts To Same No. Copies Requested 5

Address

Formation Test No. 1 Interval Tested From 2789 ft. to 2814 ft. Total Depth 2814 ft.

Packer Depth 2789 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2784 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2807 ft. Recorder Number 13266 Cap 4200

Bottom Recorder Depth (Outside) 2810 ft. Recorder Number 13268 Cap 4225

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

Drilling Contractor Range Dry Co Inc #2 Drill Collar Length 120 I. D. 2 1/4 in.

Mud Type Chem Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 12.2 cc. Drill Pipe Length 2649 I. D. 3.8 in.

Chlorides 1800 P.P.M. Test Tool Length 20 ft. Tool Size 5' 200 in.

Jars: Make - Serial Number - Anchor Length 25 ft. Size 5' 200 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 X H in.

Blow: Fan throat test

Recovered 1400 ft. of Gas in pipe

Recovered 160 ft. of Very heavy oil & gas cut mud 75% oil 25% mud

Recovered - ft. of 34 gravity

Recovered - ft. of

Recovered - ft. of

Chlorides - P.P.M. Sample Jars used 2 Remarks:

Time On Location 8:45 8:45 P.M. Time Pick Up Tool 1:00 A.M.

Time Set Packer(s) 2:00 A.M. Time Started Off Bottom 5:30 A.M.

Initial Hydrostatic Pressure (A) 1415 P.S.I.

Initial Flow Period Minutes 30 (B) 90 P.S.I. (C) 60 P.S.I.

Initial Closed In Period Minutes 60 (D) 755 P.S.I.

Final Flow Period Minutes 60 (E) 90 P.S.I.

Final Closed In Period Minutes 60 (G) 570 P.S.I.

Final Hydrostatic Pressure (H) 1380 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 Joe M. Baker Joe Baker  
Signature of Customer or his authorized representative

Western Representative Norman Allen D150

FIELD INVOICE

Open Hole Test \$ 550  
Miscellaneous \$  
Straddle Test \$  
Jars \$  
Selective Zone \$  
Safety Joint \$  
Standby \$  
Evaluation \$  
Extra Packer \$  
Circ. Sub. \$  
Mileage \$  
Fluid Sampler \$  
Extra Charts \$  
Insurance \$  
Telecopier \$  
TOTAL \$

# WESTERN TESTING CO., INC.

## Pressure Data

Date 8-10-84 Test Ticket No. 5568  
 Recorder No. 13266 Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft. \_\_\_\_\_  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

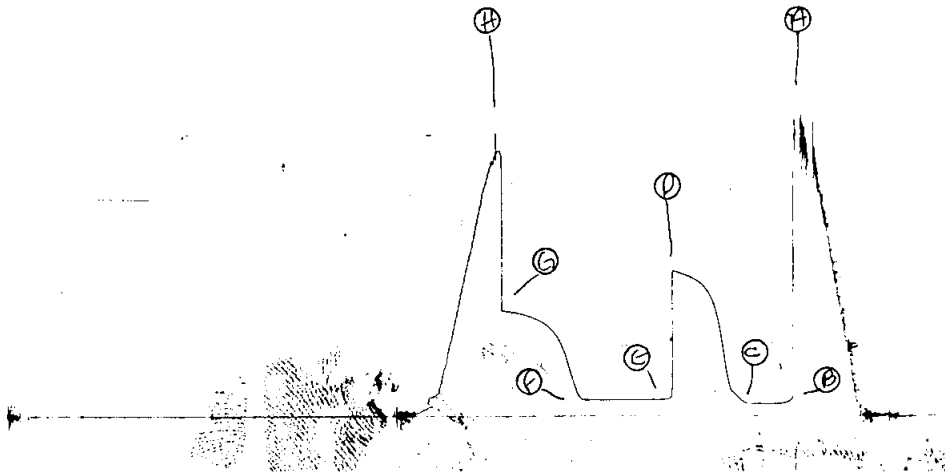
| Point                          | Pressure           | Time Given      | Time Computed   |
|--------------------------------|--------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>1426</u> P.S.I. |                 |                 |
| B First Initial Flow Pressure  | <u>63</u> P.S.I.   | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>63</u> P.S.I.   | <u>60</u> Mins. | <u>60</u> Mins. |
| D Initial Closed-in Pressure   | <u>760</u> P.S.I.  | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>84</u> P.S.I.   | <u>60</u> Mins. | <u>60</u> Mins. |
| F Second Final Flow Pressure   | <u>84</u> P.S.I.   | <u>60</u> Mins. | <u>63</u> Mins. |
| G Final Closed-in Pressure     | <u>552</u> P.S.I.  |                 |                 |
| H Final Hydrostatic Mud        | <u>1370</u> P.S.I. |                 |                 |

## PRESSURE BREAKDOWN

| First Flow Pressure         |           | Initial Shut-In             |            | Second Flow Pressure        |           | Final Shut-In               |            |
|-----------------------------|-----------|-----------------------------|------------|-----------------------------|-----------|-----------------------------|------------|
| Breakdown: <u>7</u> Inc.    |           | Breakdown: <u>21</u> Inc.   |            | Breakdown: <u>13</u> Inc.   |           | Breakdown: <u>22</u> Inc.   |            |
| of <u>5</u> mins. and a     |           | of <u>3</u> mins. and a     |            | of <u>5</u> mins. and a     |           | of <u>3</u> mins. and a     |            |
| final inc. of <u>0</u> Min. |           | final inc. of <u>0</u> Min. |            | final inc. of <u>0</u> Min. |           | final inc. of <u>0</u> Min. |            |
| Point Mins.                 | Press.    | Point Minutes               | Press.     | Point Minutes               | Press.    | Point Minutes               | Press.     |
| P 1 0                       | <u>63</u> | 0                           | <u>63</u>  | 0                           | <u>84</u> | 0                           | <u>84</u>  |
| P 2 5                       |           | 3                           | <u>63</u>  | 5                           |           | 3                           | <u>84</u>  |
| P 3 10                      |           | 6                           | <u>68</u>  | 10                          |           | 6                           | <u>87</u>  |
| P 4 15                      |           | 9                           | <u>82</u>  | 15                          |           | 9                           | <u>112</u> |
| P 5 20                      |           | 12                          | <u>104</u> | 20                          |           | 12                          | <u>174</u> |
| P 6 25                      |           | 15                          | <u>123</u> | 25                          |           | 15                          | <u>242</u> |
| P 7 30                      | <u>63</u> | 18                          | <u>171</u> | 30                          |           | 18                          | <u>310</u> |
| P 8 35                      |           | 21                          | <u>277</u> | 35                          |           | 21                          | <u>368</u> |
| P 9 40                      |           | 24                          | <u>418</u> | 40                          |           | 24                          | <u>412</u> |
| P 10 45                     |           | 27                          | <u>530</u> | 45                          |           | 27                          | <u>442</u> |
| P 11 50                     |           | 30                          | <u>604</u> | 50                          |           | 30                          | <u>465</u> |
| P 12 55                     |           | 33                          | <u>648</u> | 55                          |           | 33                          | <u>485</u> |
| P 13 60                     |           | 36                          | <u>678</u> | 60                          | <u>84</u> | 36                          | <u>497</u> |
| P 14                        |           | 39                          | <u>699</u> | 65                          |           | 39                          | <u>509</u> |
| P 15                        |           | 42                          | <u>716</u> | 70                          |           | 42                          | <u>517</u> |
| P 16                        |           | 45                          | <u>726</u> | 75                          |           | 45                          | <u>526</u> |
| P 17                        |           | 48                          | <u>736</u> | 80                          |           | 48                          | <u>532</u> |
| P 18                        |           | 51                          | <u>747</u> | 85                          |           | 51                          | <u>538</u> |
| P 19                        |           | 54                          | <u>752</u> | 90                          |           | 54                          | <u>542</u> |
| P 20                        |           | 57                          | <u>757</u> |                             |           | 57                          | <u>546</u> |
|                             |           | 60                          | <u>760</u> |                             |           | 60                          | <u>549</u> |

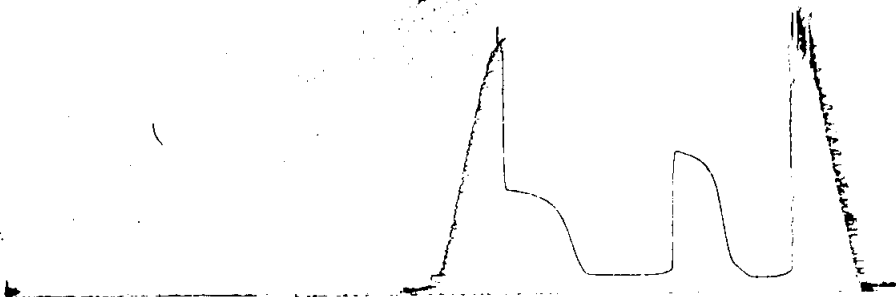
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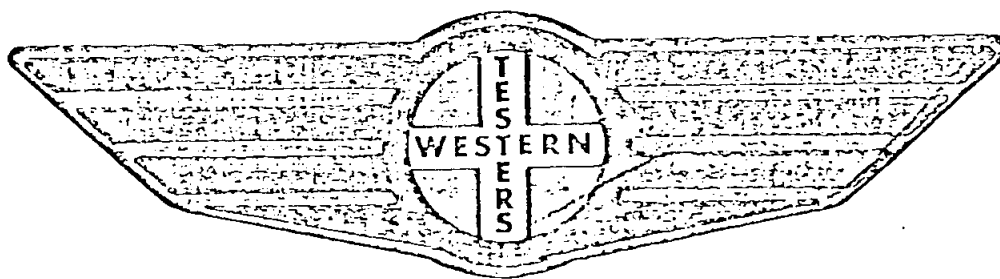


Elect 5568

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# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company STELBAR OIL CORPORATION Lease and Well No. #34 DAVES UNIT Sec. 10 Twp. 30S Rge. 4E Test No. 1 Date 8/10/87

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE: 8/10/84  
CUSTOMER: STELBAR OIL CORPORATION  
WELL: 34  
ELEVATION (KB): 1219  
SECTION: 10  
RANGE: 4E  
GAUGE SN #13266

TEST: 1  
FORMATION: CATTLEMAN  
TOWNSHIP: 30S  
COUNTY: COWLEY  
RANGE: 4200

TICKET #5568  
LEASE: DAVES UNIT  
GEOLOGIST: BAKER  
STATE: KANSAS  
CLOCK: 12

INTERVAL TEST FROM: 2789 FT TO: 2814 FT TOTAL DEPTH: 2814 FT  
DEPTH OF SELECTIVE ZONE: FT  
PACKER DEPTH: 2789 FT SIZE: 6 3/4 IN PACKER DEPTH: 2784 FT SIZE: 6 3/4 IN  
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: RANGE DRLG  
MUD TYPE: CHEMICAL VISCOSITY: 42  
WEIGHT: 9.5 WATER LOSS (CC): 12.2  
CHLORIDES (P.P.M.): 1800  
JARS - MAKE: SERIAL NUMBER:  
DID WELL FLOW? NO REVERSED OUT? NO  
DRILL COLLAR LENGTH: 120 FT I.D.: 2.25 IN  
WEIGHT PIPE LENGTH: FT I.D.: IN  
DRILL PIPE LENGTH: 2649 FT I.D.: 3.8 IN  
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN  
ANCHOR LENGTH: 25 FT SIZE: 5 1/2 OD IN  
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: FAIR BLOW THROUGHOUT TEST.

RECOVERED: 1400 FT OF: GAS ABOVE FLUID.  
RECOVERED: 160 FT OF: VERY HEAVY OIL & GAS CUT MUD.  
RECOVERED: FT OF: 75% OIL; 25% MUD. 34 GRAVITY.  
RECOVERED: FT OF:  
RECOVERED: FT OF:  
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RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 2:00 AM TIME STARTED OFF BOTTOM: 5:30 AM  
WELL TEMPERATURE: 106 °F  
INITIAL HYDROSTATIC PRESSURE: (A) 1426 PSI  
INITIAL FLOW PERIOD MIN: 30 (B) 63 PSI TO (C) 63 PSI  
INITIAL CLOSED IN PERIOD MIN: 60 (D) 760 PSI  
FINAL FLOW PERIOD MIN: 60 (E) 84 PSI TO (F) 84 PSI  
FINAL CLOSED IN PERIOD MIN: 63 (G) 552 PSI  
FINAL HYDROSTATIC PRESSURE (H) 1370 PSI

