



Home Office: Great Bend, Kansas  
P. O. Box 793 (316) 793-7903

Company **Se Ro Bee Drilling Co., Inc. & Shaffer Investment Co.** Lease & Well No. **Sullivan #1**  
Elevation **-** Formation **Mississippi** Effective Pay **-** Ft. Ticket No. **24192**  
Date **3-13-75** Sec. **35** Twp. **29S** Range **7W** County **Kingman** State **Kansas**  
Test Approved by **Lee Poulsen** Western Representative **Bob Anthony**

Formation Test No. **#1** O.K.  Misrun  Interval Tested From **4110'** to **4195'** Total Depth **4195'**  
Size Main Hole **7 7/8** Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Top Packer Depth **4105** Ft. Size **6 3/4** Bottom Packer Depth **4110** Ft. Size **6 3/4**  
Straddle  Conv.  B.T.  Damaged  Yes  No Packer Depth **-** Ft. Size **-**  
Tool Size **5/8 OD** Tool Joint Size **4 1/2 FH** Anchor Length **85** Ft. Size **5/8 OD** Surface Choke Size **3/4** In. Bottom Choke Size **3/4** In.

RECORDERS  
Depth **4115** Ft. Clock No. **9787** Depth **4118** Ft. Clock No. **9103**  
Top Make **Kuster** Cap. **3200** No. **1561** Inside Outside Bottom Make **Kuster** Cap. **4300** No. **1566** Inside Outside  
Below Straddle: Depth **-** Rec. No. **-** Clock No. **-** Inside Outside Depth **-** Ft. Rec. No. **-** Clock No. **-** Inside Outside

Time Set Packer **12:35 P**  
Tool Open I.F.P. From **12:39P** M. to **12:58P** M. - Hr. **25** Min. From (B) **44** P.S.I. To (C) **56** P.S.I.  
Tool Closed I.C.I.P. From **12:58P** M. to **1:43P** M. - Hr. **45** Min. (D) **845** P.S.I.  
Tool Open F.F.P. From **1:43P** M. to **3:18P** M. **1** Hr. **30** Min. From (E) **49** P.S.I. To (F) **99** P.S.I.  
Tool Closed F.C.I.P. From **3:18P** M. to **4:18P** M. **1** Hr. - Min. (G) **757** P.S.I.  
Initial Hydrostatic Pressure (A) **2132** P.S.I. Final Hydrostatic Pressure (H) **2119** P.S.I. Maximum Temp. **128**

**INFORMATION**

BLOW **Good throughout test**  
Did Well Flow Yes  No  Recovery Total Ft. **200' total gas cut mud with specks of oil**

Reversed Out  Yes  No  Mud Type **Starch** Viscosity **52** Weight **9.5** Water Loss **11.6** cc. Chlorides **55,000 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 **Damac Drilling Co., Inc.** Length Drill Pipe? **2977** Ft. I.D. Drill Pipe **3.8** In. Tool Joint Size **4 1/2 XH** In.

Length Weight Pipe **696** Ft. I.D. Weight Pipe **2.8** In. Tool Joint Size **4 1/2 XH** In. Length Drill Collars **415** Ft. I.D. Drill Collars **2.2** In.

Tool Joint Size **4 1/2 XH** In. Length D.S.T. Tool **107** Ft.

Remarks:  
**Gas to surface in two minutes on second opening**  
**See attached gas report**

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

Date 3-13-75

Test Ticket No. 24192

Recorder No. 1561

Capacity 3200 Location 4115 Ft.

Clock No. 9787

Elevation - Well Temperature 128 °F

| Point                          | Pressure           |                            | Time Given      | Time Computed   |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2132</u> P.S.I. | Open Tool                  | <u>12:35 P.</u> | <u>M</u>        |
| B First Initial Flow Pressure  | <u>44</u> P.S.I.   | First Flow Pressure        | <u>25</u> Mins. | <u>25</u> Mins. |
| C First Final Flow Pressure    | <u>56</u> P.S.I.   | Initial Closed-in Pressure | <u>45</u> Mins. | <u>45</u> Mins. |
| D Initial Closed-in Pressure   | <u>845</u> P.S.I.  | Second Flow Pressure       | <u>90</u> Mins. | <u>90</u> Mins. |
| E Second Initial Flow Pressure | <u>49</u> P.S.I.   | Final Closed-in Pressure   | <u>60</u> Mins. | <u>60</u> Mins. |
| F Second Final Flow Pressure   | <u>99</u> P.S.I.   |                            |                 |                 |
| G Final Closed-in Pressure     | <u>757</u> P.S.I.  |                            |                 |                 |
| H Final Hydrostatic Mud        | <u>2119</u> P.S.I. |                            |                 |                 |

**PRESSURE BREAKDOWN**

**First Flow Pressure**

Breakdown: 5 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Initial Shut-In**

Breakdown: 15 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

**Second Flow Pressure**

Breakdown: 18 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Final Shut-In**

Breakdown: 20 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

| Point Mins. | Press.    | Point Minutes | Press.    | Point Minutes | Press.    | Point Minutes | Press.    |            |
|-------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|------------|
| P 1         | <u>0</u>  | <u>44</u>     | <u>0</u>  | <u>56</u>     | <u>0</u>  | <u>49</u>     | <u>0</u>  | <u>99</u>  |
| P 2         | <u>5</u>  | <u>46</u>     | <u>3</u>  | <u>246</u>    | <u>5</u>  | <u>54</u>     | <u>3</u>  | <u>279</u> |
| P 3         | <u>10</u> | <u>49</u>     | <u>6</u>  | <u>382</u>    | <u>10</u> | <u>60</u>     | <u>6</u>  | <u>403</u> |
| P 4         | <u>15</u> | <u>54</u>     | <u>9</u>  | <u>505</u>    | <u>15</u> | <u>64</u>     | <u>9</u>  | <u>481</u> |
| P 5         | <u>20</u> | <u>56</u>     | <u>12</u> | <u>594</u>    | <u>20</u> | <u>69</u>     | <u>12</u> | <u>539</u> |
| P 6         | <u>25</u> | <u>56</u>     | <u>15</u> | <u>662</u>    | <u>25</u> | <u>72</u>     | <u>15</u> | <u>583</u> |
| P 7         |           |               | <u>18</u> | <u>711</u>    | <u>30</u> | <u>75</u>     | <u>18</u> | <u>615</u> |
| P 8         |           |               | <u>21</u> | <u>743</u>    | <u>35</u> | <u>78</u>     | <u>21</u> | <u>640</u> |
| P 9         |           |               | <u>24</u> | <u>769</u>    | <u>40</u> | <u>80</u>     | <u>24</u> | <u>660</u> |
| P10         |           |               | <u>27</u> | <u>788</u>    | <u>45</u> | <u>82</u>     | <u>27</u> | <u>677</u> |
| P11         |           |               | <u>30</u> | <u>804</u>    | <u>50</u> | <u>85</u>     | <u>30</u> | <u>690</u> |
| P12         |           |               | <u>33</u> | <u>815</u>    | <u>55</u> | <u>87</u>     | <u>33</u> | <u>703</u> |
| P13         |           |               | <u>36</u> | <u>823</u>    | <u>60</u> | <u>89</u>     | <u>36</u> | <u>713</u> |
| P14         |           |               | <u>39</u> | <u>831</u>    | <u>65</u> | <u>91</u>     | <u>39</u> | <u>721</u> |
| P15         |           |               | <u>42</u> | <u>878</u>    | <u>70</u> | <u>93</u>     | <u>42</u> | <u>729</u> |
| P16         |           |               | <u>45</u> | <u>845</u>    | <u>75</u> | <u>95</u>     | <u>45</u> | <u>737</u> |
| P17         |           |               |           |               | <u>80</u> | <u>97</u>     | <u>48</u> | <u>743</u> |
| P18         |           |               |           |               | <u>85</u> | <u>98</u>     | <u>51</u> | <u>748</u> |
| P19         |           |               |           |               | <u>90</u> | <u>99</u>     | <u>54</u> | <u>754</u> |
| P20         |           |               |           |               |           |               | <u>57</u> | <u>756</u> |
|             |           |               |           |               |           |               | <u>60</u> | <u>757</u> |

Phone 316 262-5861  
316 838-0601



P. O. Box 1599  
WICHITA, KANSAS 67201

### GAS FLOW REPORT

Date **3-13-75** Ticket **24192** Company **Se Ro Bee Drilling Co., Inc. & Shaffer Invest. Co.**  
Well Name and No. **Sullivan #1** Dst No. **1** Interval Tested **4110' to 4195'**  
County **Kingman** State **Kansas** Sec. **35** Twp. **29S** Rg. **7W**

| Time Gauge Pre-Flow | Time Gauge in Min. | P.S.I. on Merla Orifice Well Tester | P.S.I. on Pitot Tester | P.S.I. on Side Static Tester | P.S.I. on U-Tube Tester | Description of Flow |
|---------------------|--------------------|-------------------------------------|------------------------|------------------------------|-------------------------|---------------------|
| <b>PRE FLOW</b>     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |
|                     |                    |                                     |                        |                              |                         |                     |

| <b>SECOND FLOW</b>   |           |                                |  |  |  |                        |
|--|-----------|--------------------------------|--|--|--|------------------------|
| <b>2:03P.M.</b>  | <b>15</b> | <b>39" of Water 1/4" choke</b> |  |  |  | <b>10,500 C.F.P.D.</b> |
| <b>2:18P.M.</b>  | <b>30</b> | <b>41" of Water " "</b>        |  |  |  | <b>10,750 C.F.P.D.</b> |
| <b>2:33P.M.</b>  | <b>45</b> | <b>41" of Water " "</b>        |  |  |  | <b>10,750 C.F.P.D.</b> |
| <b>2:48P.M.</b>  | <b>60</b> | <b>41" of Water " "</b>        |  |  |  | <b>10,750 C.F.P.D.</b> |
| <b>3:03P.M.</b>  | <b>75</b> | <b>41" of Water " "</b>        |  |  |  | <b>10,750 C.F.P.D.</b> |
| <b>3:18P.M.</b>  | <b>90</b> | <b>39" of Water " "</b>        |  |  |  | <b>10,500 C.F.P.D.</b> |
| <b>Tool opened at 1:47 P.M. for second flow period. Good blow. Gas to surface in three minutes on second flow period. All readings taken through 2" Merla well tester with 1/4" choke.</b> |           |                                |  |  |  |                        |

### GAS BOTTLE

Serial No. \_\_\_\_\_ Date Bottle Filled **3-13-75** Date to be Invoiced **3-13-75**

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME **Se Ro Bee Drilling Co., Inc. & Shaffer Investment Co.**  
Authorized by **Lee Poulsen**

111 # 24192

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