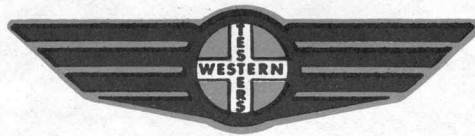


Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 7/6/79 Ticket 2463 Company Kruckenber & Scott
Well Name and No. Buckles #1 Dst No. 1 Interval Tested 2626' - 2675'
County Kingman State Kansas Sec. 31 Twp. 29S Rg. 10W

| 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 |
|---------------------|--------------------|-------------------------------------|------------------------|------------------------------|-------------------------|---------------------|
| PRE FLOW | | | | | | |
| | 10 min. | 10 lbs. | 1 1/2" orifice | | | 1,274,000 CFPD |
| | 25 min. | 18 lbs. | 1 1/2" orifice | | | 1,824,000 CFPD |
| | 30 min. | 18 lbs. | 1 1/2" orifice | | | 1,824,000 CFPD |

| SECOND FLOW | | | | | | |
|--------------------|---------|---------|----------------|--|--|---------------------|
| | 5 min. | 25 lbs. | 1 1/2" orifice | | | 2,258,000 CFPD |
| | 10 min. | 23 lbs. | 1 1/2" orifice | | | 2,140,000 CFPD |
| | 20 min. | 19 lbs. | 1 1/2" orifice | | | 1,887,000 CFPD |
| | 30 min. | 18 lbs. | 1 1/2" orifice | | | 1,824,000 CFPD |
| | 40 min. | 18 lbs. | 1 1/2" orifice | | | 1,824,000 CFPD |
| | 50 min. | 18 lbs. | 1 1/2" orifice | | | 1,824,000 CFPD |
| | 60 min. | 19 lbs. | 1 1/2" orifice | | | 1,887,000 CFPD |
| | | | | | | NO SAMPLE REQUESTED |

GAS BOTTLE

Serial No. --- Date Bottle Filled --- Date to be Invoiced 7/6/79

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 Kruckenber & Scott

Authorized by Jerry A. Smith

WESTERN TESTING CO., INC.
Pressure Data

Date 7/6/79

Recorder No. 1051

Capacity 4250

Test Ticket No. 2463

Clock No. -- Elevation 1756 Derrick Floor

Location 2672 Ft.

Well Temperature 103 °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|----------|--------|------------|---------------|
| A Initial Hydrostatic Mud | 1405 | P.S.I. | 9:55A | |
| B First Initial Flow Pressure | 489 | P.S.I. | 30 Mins. | 30 Mins. |
| C First Final Flow Pressure | 498 | P.S.I. | 60 Mins. | 60 Mins. |
| D Initial Closed-in Pressure | 998 | P.S.I. | 60 Mins. | 60 Mins. |
| E Second Initial Flow Pressure | 561 | P.S.I. | 60 Mins. | 60 Mins. |
| F Second Final Flow Pressure | 491 | P.S.I. | 60 Mins. | 60 Mins. |
| G Final Closed-in Pressure | 979 | P.S.I. | | |
| H Final Hydrostatic Mud | 1388 | 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: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 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>489</u> | <u>0</u> | <u>498</u> | <u>0</u> | <u>561</u> | <u>0</u> | <u>491</u> |
| P 2 <u>5</u> | <u>476</u> | <u>3</u> | <u>864</u> | <u>5</u> | <u>561</u> | <u>3</u> | <u>815</u> |
| P 3 <u>10</u> | <u>474</u> | <u>6</u> | <u>908</u> | <u>10</u> | <u>534</u> | <u>6</u> | <u>864</u> |
| P 4 <u>15</u> | <u>483</u> | <u>9</u> | <u>932</u> | <u>15</u> | <u>519</u> | <u>9</u> | <u>894</u> |
| P 5 <u>20</u> | <u>494</u> | <u>12</u> | <u>949</u> | <u>20</u> | <u>513</u> | <u>12</u> | <u>913</u> |
| P 6 <u>25</u> | <u>496</u> | <u>15</u> | <u>960</u> | <u>25</u> | <u>506</u> | <u>15</u> | <u>923</u> |
| P 7 <u>30</u> | <u>498</u> | <u>18</u> | <u>968</u> | <u>30</u> | <u>504</u> | <u>18</u> | <u>934</u> |
| P 8 | | <u>21</u> | <u>974</u> | <u>35</u> | <u>500</u> | <u>21</u> | <u>940</u> |
| P 9 | | <u>24</u> | <u>981</u> | <u>40</u> | <u>498</u> | <u>24</u> | <u>947</u> |
| P10 | | <u>27</u> | <u>983</u> | <u>45</u> | <u>498</u> | <u>27</u> | <u>951</u> |
| P11 | | <u>30</u> | <u>985</u> | <u>50</u> | <u>498</u> | <u>30</u> | <u>957</u> |
| P12 | | <u>33</u> | <u>987</u> | <u>55</u> | <u>496</u> | <u>33</u> | <u>961</u> |
| P13 | | <u>36</u> | <u>989</u> | <u>60</u> | <u>491</u> | <u>36</u> | <u>964</u> |
| P14 | | <u>39</u> | <u>991</u> | | | <u>39</u> | <u>967</u> |
| P15 | | <u>42</u> | <u>993</u> | | | <u>42</u> | <u>971</u> |
| P16 | | <u>45</u> | <u>994</u> | | | <u>45</u> | <u>974</u> |
| P17 | | <u>48</u> | <u>995</u> | | | <u>48</u> | <u>975</u> |
| P18 | | <u>51</u> | <u>996</u> | | | <u>51</u> | <u>976</u> |
| P19 | | <u>54</u> | <u>996</u> | | | <u>54</u> | <u>977</u> |
| P20 | | <u>57</u> | <u>997</u> | | | <u>57</u> | <u>978</u> |
| | | <u>60</u> | <u>998</u> | | | <u>60</u> | <u>979</u> |

TKL # 1903
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