



Home Office: Great Bend, Kansas  
 P. O. Box 793 Gladstone 3-7903

Company Bowers Drilling Company Lease & Well No. Boggs B=1  
 Elevation 1466 Derrick Floor; Formation- Miss. Ticket Number 4147  
 Date Dec. 30, 1964 Sec. 16 Twp. 33s Range 12w County Barber State Kansas  
 Test Approved by Raymond R. Dombaugh Western Representative George Tew

Formation Test No. 1 O.K.  Misrun  Interval Tested From 4377' to 4461' Total Depth 4461'  
 Size Main Hole 7 7/8 Rat Hole None Conv.  B.T.  Damaged Yes  No  Conv.  B.T.  Damaged Yes  No   
 Packer Depth 4377 Ft. Size 6 3/4 Packer Depth 4372 Ft. Size 6 3/4  
 Straddle Yes  No  Conv.  B.T.  Damaged Yes  No   
 Packer Depth                      Ft. Size                      27' 5 1/2 OD Anchor  
 Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 84 Ft. Size 57' 6" OD DC

RECORDERS Depth 4390 Ft. Clock No. 6861 Depth 4393 Ft. Clock No. 105  
 Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Western Cap. 4000 No. 60 Inside Outside  
 Below Straddle: Depth                      Clock No.                      Inside Outside Depth                      Ft. Clock No.                      Inside Outside  
 Top Make                      Cap.                      No.                      Inside Outside Bottom Make                      Cap.                      No.                      Inside Outside

Time Set Packer 1:37 A M  
 Tool Open I.F.P. From 1:40A M to 1:45 M Hr. 5 Min. From (B) 50 P.S.I. To (C) 50 P.S.I.  
 Tool Closed I.C.I.P. From 1:45A M. to 2:15 M. Hr. 30 Min. (D) 1529 P.S.I.  
 Tool Open F.F.P. From 2:15 M. to 4:15 M. Hr. 2 Min. From (E) 37 P.S.I. To (F) 44 P.S.I.  
 Tool Closed F.C.I.P. From 4:15A M. to 4:45A M. Hr. 30 Min. (G) 1305 P.S.I.  
 Initial Hydrostatic Pressure (A) 2321 P.S.I. Final Hydrostatic Pressure (H) 2302 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow  
 INFORMATION                                                                                      
                                                                                     
                                                                                   

BLOW Good blow throughout. Gas to surface in twelve minutes \* Bottom Choke Size 3/4 in.

Did Well Flow  Yes  No Recovery Total Ft. 75' mud with specks of oil

Reversed Out  Yes  No Mud Type starch Viscosity 44 Weight 9.8 Maximum Temp. 120 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size                      Make                      Ser. No.                       
 Type Circ. Sub. plug Did Tool Plug? no Where?                      Did Packer Hold? yes  
 Length Drill Pipe 4242 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe                      ft. I.D. Weight Pipe                      in. Length Drill Collars 115 ft.  
 I. D. Drill Collars 2.25 in. Length D. S. T. Tool 104 ft.

Remarks

\* Gas was too weak to gauge.

# WESTERN TESTING CO., INC.

## Pressure Data

Date December 30, 1964 Test Ticket No. 4147  
 Recorder No. 1558 Capacity 4200 Location 4390 Ft.  
 Clock No. 6861 Elevation 1466 Derrick Floor Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2321</u> P.S.I.	Opened Tool	<u>1:37 A M</u>	
B First Initial Flow Pressure	<u>50</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>50</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>36</u> Mins.
D Initial Closed-in Pressure	<u>1529</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>37</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>36</u> Mins.
F Second Final Flow Pressure	<u>44</u> P.S.I.			
G Final Closed-in Pressure	<u>1305</u> P.S.I.			
H Final Hydrostatic Mud	<u>2302</u> P.S.I.			

### PRESSURE BREAKDOWN

<b>First Flow Press.</b> Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	<b>Initial Shut-In</b> Breakdown: <u>12</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	<b>Second Flow Pressure</b> Breakdown: <u>24</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	<b>Final Shut-In</b> Breakdown: <u>12</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>50</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>44</u>
P 2 <u>5</u>	<u>50</u>	<u>3</u>	<u>377</u>	<u>5</u>	<u>37</u>	<u>3</u>	<u>518</u>
P 3		<u>6</u>	<u>631</u>	<u>10</u>	<u>37</u>	<u>6</u>	<u>726</u>
P 4		<u>9</u>	<u>897</u>	<u>15</u>	<u>37</u>	<u>9</u>	<u>893</u>
P 5		<u>12</u>	<u>1106</u>	<u>20</u>	<u>38</u>	<u>12</u>	<u>993</u>
P 6		<u>15</u>	<u>1242</u>	<u>25</u>	<u>38</u>	<u>15</u>	<u>1062</u>
P 7		<u>18</u>	<u>1340</u>	<u>30</u>	<u>39</u>	<u>18</u>	<u>1127</u>
P 8		<u>21</u>	<u>1403</u>	<u>35</u>	<u>39</u>	<u>21</u>	<u>1176</u>
P 9		<u>24</u>	<u>1447</u>	<u>40</u>	<u>40</u>	<u>24</u>	<u>1213</u>
P 10		<u>27</u>	<u>1476</u>	<u>45</u>	<u>40</u>	<u>27</u>	<u>1242</u>
P 11		<u>30</u>	<u>1500</u>	<u>50</u>	<u>41</u>	<u>30</u>	<u>1263</u>
P 12		<u>33</u>	<u>1518</u>	<u>55</u>	<u>41</u>	<u>33</u>	<u>1286</u>
P 13		<u>36</u>	<u>1529</u>	<u>60</u>	<u>42</u>	<u>36</u>	<u>1305</u>
P 14				<u>65</u>	<u>42</u>		
P 15				<u>70</u>	<u>42</u>		
P 16				<u>75</u>	<u>43</u>		
P 17				<u>80</u>	<u>43</u>		
P 18				<u>85</u>	<u>43</u>		
P 19				<u>90</u>	<u>43</u>		
P 20				<u>95</u>	<u>44</u>		
				<u>100</u>	<u>44</u>		
				<u>105</u>	<u>44</u>		
				<u>110</u>	<u>44</u>		
				<u>115</u>	<u>44</u>		
				<u>120</u>	<u>44</u>		

Bowers Drlg. Co.  
Boggs #B-1

Test #1  
TKI # 4147

