



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

Company Bowers Drilling Company Lease & Well No. Smith #1
Elevation 2061 Kelly Bushings Ticket Number 3860
Date July 31, 1964 Sec. 21 Twp. 26 Range 15 County Pratt, State Kansas
Test Approved by Robert E. McCann Western Representative George Tew

Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3938 to 3948 Total Depth 3948
Size Main Hole 7 7/8 Rat Hole None Conv. ☒ B.T. _____ Damaged _____ Yes _____ No _____
Packer Depth 3938 Ft. Size 6 3/4 Packer Depth 3933 Ft. Size 6 3/4
Straddle _____ Yes ☒ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2 O. D. Tool Jt. Size 4 1/2 I. F. Anchor Length 10 Ft. Size 5 1/2 O. D.

RECORDERS Depth 3942 Ft. Clock No. 6861 Depth 3945 Ft. Clock No. 153
Top Make Amarada Cap. 4200 No. 1558 Inside _____ Outside _____
Bottom Make Western Cap. 4000 No. 60 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 1:07 A M
Tool Open I.F.P. From 1:09 A M to 1:14 A M Hr. 5 Min. From (B) _____ P.S.I. To (C) _____ P.S.I.
Tool Closed I.C.I.P. From 1:14 A M. to 1:44 A M. Hr. 30 Min. (D) _____ P.S.I. _____
Tool Open F.F.P. From 1:44 A M. to 2:44 A M. Hr. 1 Min. From (E) 35 P.S.I. To (F) _____ P.S.I.
Tool Closed F.C.I.P. From 2:44 A M. to 3:14 A M. Hr. 30 Min. (G) _____ P.S.I. _____
Initial Hydrostatic Pressure (A) 2148 P.S.I. Final Hydrostatic Pressure (H) 2133 P.S.I.

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

BLOW Fair blow for 20 minutes, then decreasing to weak Bottom Choke Size 3/4 in.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 40' oil cut mud

Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 37 Weight 10.1 Maximum Temp. 119 °F
EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Jars: Size 4 1/2 O. D. Make Bowen Ser. No. 2638
Type Circ. Sub. plug Did Tool Plug? no Where? _____ Did Packer Hold? yes
Length Drill Pipe 3791 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 120 ft.
I. D. Drill Collars 2.25 in. Length D. S. T. Tool 37 ft.

Remarks _____

WESTERN TESTING CO., INC. Pressure Data

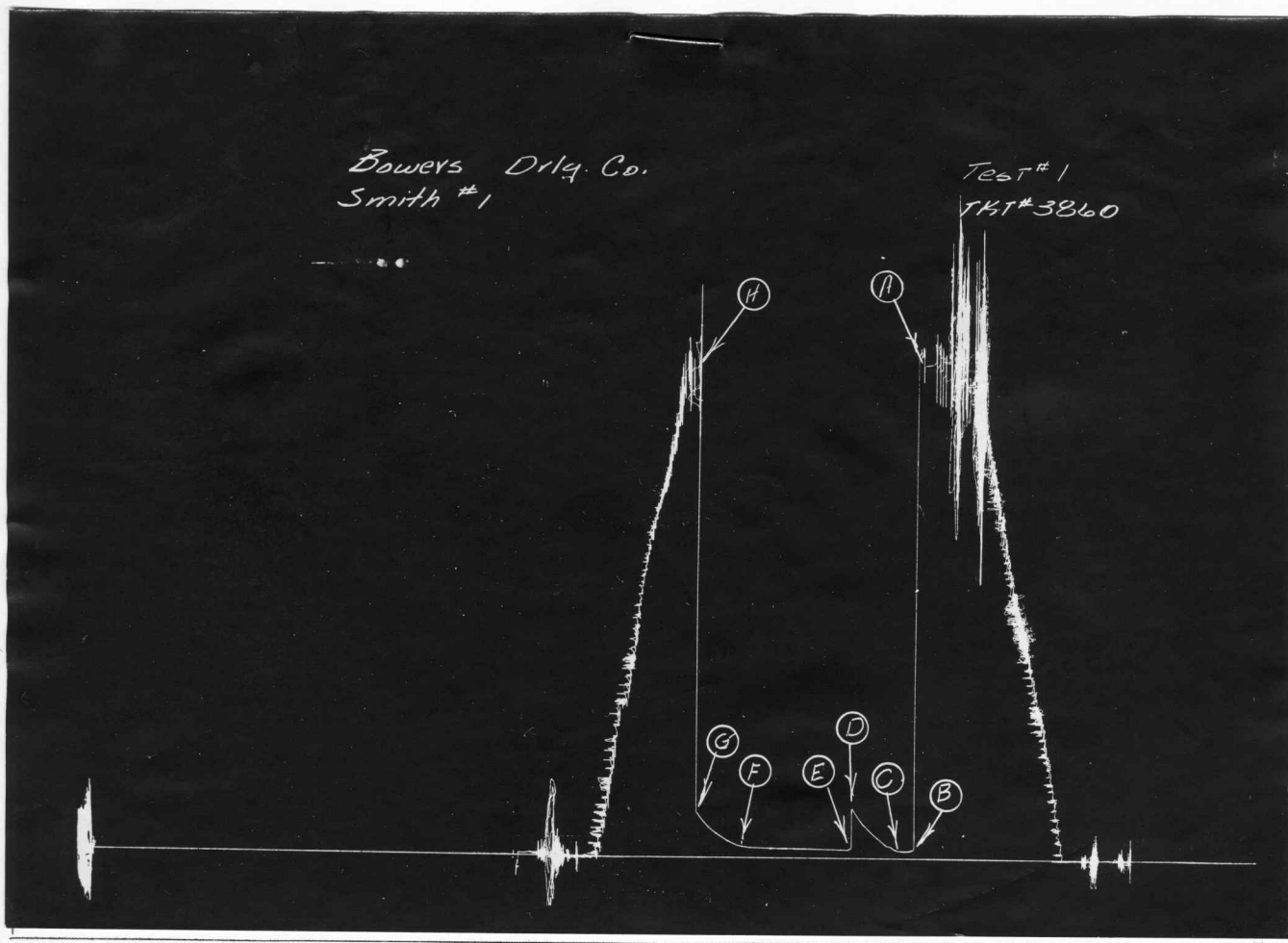
Date July 31, 1964 Test Ticket No. 3860
Recorder No. 1558 Capacity 4200 Location 3942 Ft.
Clock No. 6861 Elevation 2061 Kelly Bushings Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2148</u> P.S.I.	Opened Tool	<u>1:07</u> A M	
B First Initial Flow Pressure	<u>31</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
D Initial Closed-in Pressure	<u>215</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>35</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>42</u> P.S.I.			
G Final Closed-in Pressure	<u>194</u> P.S.I.			
H Final Hydrostatic Mud	<u>2133</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>1</u> Inc.	Breakdown: <u>10</u> Inc.	Breakdown: <u>12</u> Inc.	Breakdown: <u>10</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>2</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 <u>0</u>	<u>31</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>42</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>33</u>	<u>5</u>	<u>35</u>	<u>3</u>	<u>47</u>
P 3		<u>6</u>	<u>42</u>	<u>10</u>	<u>36</u>	<u>6</u>	<u>54</u>
P 4		<u>9</u>	<u>50</u>	<u>15</u>	<u>37</u>	<u>9</u>	<u>67</u>
P 5		<u>12</u>	<u>63</u>	<u>20</u>	<u>37</u>	<u>12</u>	<u>78</u>
P 6		<u>15</u>	<u>82</u>	<u>25</u>	<u>38</u>	<u>15</u>	<u>90</u>
P 7		<u>18</u>	<u>99</u>	<u>30</u>	<u>39</u>	<u>18</u>	<u>105</u>
P 8		<u>21</u>	<u>118</u>	<u>35</u>	<u>59</u>	<u>21</u>	<u>122</u>
P 9		<u>24</u>	<u>139</u>	<u>40</u>	<u>40</u>	<u>24</u>	<u>141</u>
P 10		<u>27</u>	<u>168</u>	<u>45</u>	<u>40</u>	<u>27</u>	<u>164</u>
P 11		<u>30</u>	<u>194</u>	<u>50</u>	<u>41</u>	<u>30</u>	<u>194</u>
P 12		<u>32</u>	<u>215</u>	<u>55</u>	<u>42</u>		
P 13				<u>60</u>	<u>42</u>		
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	2148	PSI
(B) First Initial Flow Pressure	31	PSI
(C) First Final Flow Pressure	31	PSI
(D) Initial Closed-in Pressure	215	PSI
(E) Second Initial Flow Pressure	35	PSI
(F) Second Final Flow Pressure	42	PSI
(G) Final Closed-in Pressure	194	PSI
(H) Final Hydrostatic Mud	2133	PSI