

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

Company **Executive Petroleum Co.** Lease & Well No. **Baer #1**
Elevation **2461 Kelly Bushings** Formation **Cherokee** Effective Pay _____ Ft. Ticket No. **13439**
Date **10-20-69** Sec. **16** Twp. **16** Range **23W** County **Ness** State **Kansas**
Test Approved by **J. E. Jespersen** Western Representative **Kenneth Cheney**
Formation Test No. **1** O.K. ☒ Misrun _____ Interval Tested From **4408'** to **4425'** Total Depth **4425'**
Size Main Hole **7 7/8** Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Top Packer Depth **4403** Ft. Size **6 3/4"** Packer Depth **4408** 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" FH** Anchor Length **17** Ft. Size **5 1/2" O.D.**
RECORDERS Depth **4418** Ft. Clock No. **9725** Depth **4420** Ft. Clock No. **8378**
Top Make **Kuster** Cap. **4150** No. **2608** Inside _____ Outside _____ Bottom Make **Kuster** Cap. **4150** No. **1559** Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer **11:24** A. M.
Tool Open I.F.P. From **11:25** M. to **11:40A** M. Hr. **15** Min. From (B) **27** P.S.I. To (C) **27** P.S.I.
Tool Closed I.C.I.P. From **11:40** M. to **12:25P** M. Hr. **45** Min. (D) **79** P.S.I.
Tool Open F.F.P. From **12:25** M. to **12:55P** M. Hr. **30** Min. From (E) **33** P.S.I. To (F) **37** P.S.I.
Tool Closed F.C.I.P. From **12:55** M. to **1:40P** M. Hr. **45** Min. (G) **71** P.S.I.
Initial Hydrostatic Pressure (A) **2403** P.S.I. Final Hydrostatic Pressure (H) **2391** P.S.I.
SURFACE Size Choke **3/8** In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW **Weak for 15 minutes** Bottom Choke Size **3/4** In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **60 feet mud - No showing of oil**
Reversed Out _____ Yes ☒ No _____ Mud Type **Starch** Viscosity **43** Weight **10.0** Water Loss **13.2** cc. Maximum Temp **115** °F
Type Circ. Sub. **Plug** Did Tool Plug? _____ Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers **Yes** Safety Joint **No** Did Packer Hold? **Yes** Where? _____
Length Drill Pipe **3261** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe **957** ft. I.D. Weight Pipe **2.7** in. Length Drill Collars **170** ft.
I. D. Drill Collars **2.7** in. Length D.S.T. Tool **37** ft.
Remarks **Flush tool after 15 minutes**

WESTERN TESTING CO., INC. Pressure Data

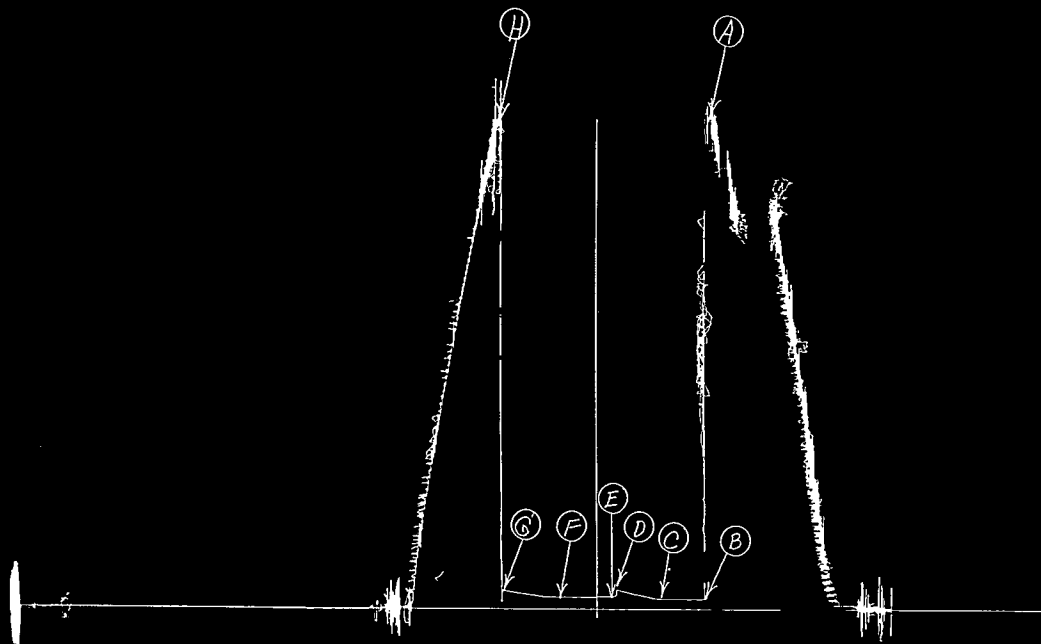
Date 10-20-69 Test Ticket No. 13439
 Recorder No. 2608 Capacity 4150 Location 4418 Ft.
 Clock No. 9725 Elevation 2461 Kelly Bushings Well Temperature 115 °F
 Time Given 11:25A. Time Computed _____
 Point Pressure
 A Initial Hydrostatic Mud 2403 P.S.I. Open Tool
 B First Initial Flow Pressure 27 P.S.I. First Flow Pressure 15 Mins. 15 Mins.
 C First Final Flow Pressure 27 P.S.I. Initial Closed-in Pressure 45 Mins. 45 Mins.
 D Initial Closed-in Pressure 79 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 33 P.S.I. Final Closed-in Pressure 45 Mins. 45 Mins.
 F Second Final Flow Pressure 37 P.S.I.
 G Final Closed-in Pressure 71 P.S.I.
 H Final Hydrostatic Mud 2391 P.S.I.

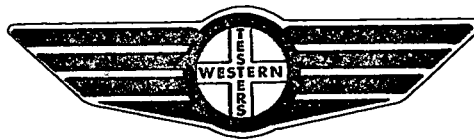
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>15</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>27</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>37</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>27</u>	<u>5</u>	<u>33</u>	<u>3</u>	<u>39</u>
P 3 <u>10</u>	<u>27</u>	<u>6</u>	<u>29</u>	<u>10</u>	<u>33</u>	<u>6</u>	<u>40</u>
P 4 <u>15</u>	<u>27</u>	<u>9</u>	<u>31</u>	<u>15</u>	<u>33</u>	<u>9</u>	<u>41</u>
P 5 _____	_____	<u>12</u>	<u>34</u>	<u>20</u>	<u>Flushed tool</u>	<u>12</u>	<u>43</u>
P 6 _____	_____	<u>15</u>	<u>37</u>	<u>25</u>	<u>37</u>	<u>15</u>	<u>45</u>
P 7 _____	_____	<u>18</u>	<u>40</u>	<u>30</u>	<u>37</u>	<u>18</u>	<u>46</u>
P 8 _____	_____	<u>21</u>	<u>44</u>	_____	_____	<u>21</u>	<u>47</u>
P 9 _____	_____	<u>24</u>	<u>48</u>	_____	_____	<u>24</u>	<u>49</u>
P10 _____	_____	<u>27</u>	<u>51</u>	_____	_____	<u>27</u>	<u>51</u>
P11 _____	_____	<u>30</u>	<u>55</u>	_____	_____	<u>30</u>	<u>54</u>
P12 _____	_____	<u>33</u>	<u>59</u>	_____	_____	<u>33</u>	<u>57</u>
P13 _____	_____	<u>36</u>	<u>64</u>	_____	_____	<u>36</u>	<u>60</u>
P14 _____	_____	<u>39</u>	<u>69</u>	_____	_____	<u>39</u>	<u>63</u>
P15 _____	_____	<u>42</u>	<u>73</u>	_____	_____	<u>42</u>	<u>67</u>
P16 _____	_____	<u>45</u>	<u>79</u>	_____	_____	<u>45</u>	<u>71</u>
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

Executive Pet. Co.
Baer #1

T.K.T. # 13439
Test # 1





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

Company Executive Petroleum Co. Lease & Well No. ■ Baer #1
Elevation 2461 Kelly Bushings Formation Mississippian Effective Pay _____ Ft. Ticket No. 13440
Date 10-21-69 Sec. 16 Twp. 16 Range 23W County Ness State Kansas
Test Approved by J. E. Jespersen Western Representative Kenneth Cheney
Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 4427' to 4442' Total Depth 4442'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Top Packer Depth 4422 Ft. Size 6 3/4" Packer Depth 4427 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" F.H. Anchor Length 15 Ft. Size 5 1/2" O.D.
RECORDERS Depth 4435 Ft. Clock No. 9725 Depth 4437 Ft. Clock No. 8378
Top Make Kuster Cap. 4150 No. 2608 Inside _____ Outside _____ Bottom Make Kuster Cap. 4150 No. 1559 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 5:14 A. M.
Tool Open I.F.P. From 5:15 M. to 5:30A. M. Hr. 15 Min. From (B) 54 P.S.I. To (C) 88 P.S.I.
Tool Closed I.C.I.P. From 5:30 M. to 6:15A. M. Hr. 45 Min. (D) 1116 P.S.I.
Tool Open F.F.P. From 6:15 M. to 7:15A. M. Hr. 1 Min. From (E) 110 P.S.I. To (F) 170 P.S.I.
Tool Closed F.C.I.P. From 7:15 M. to 8:00A. M. Hr. 45 Min. (G) 934 P.S.I.
Initial Hydrostatic Pressure (A) 2483 P.S.I. Final Hydrostatic Pressure (H) 2462 P.S.I.
SURFACE Size Choke 3/8 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Fair thru out Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 90 feet gas in pipe
30 feet oil cut mud
240 feet mud cut oil with trace of free oil
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 43 Weight 10.0 Water Loss 13.2 cc. Maximum Temp. 126 °F
Type Circ. Sub. Plug Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 3280 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 957 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 170 ft.
I. D. Drill Collars 2.7 in. Length D.S.T. Tool 35 ft.
Remarks _____

WESTERN TESTING CO., INC. Pressure Data

Date 10-21-69 Test Ticket No. 13440
 Recorder No. 2608 Capacity 4150 Location 4435 Ft.
 Clock No. 9725 Elevation 2461 Kelly Bushings Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2483	P.S.I.	5:14 A.	M
B First Initial Flow Pressure	54	P.S.I.	15	17 Mins.
C First Final Flow Pressure	88	P.S.I.	45	45 Mins.
D Initial Closed-in Pressure	1116	P.S.I.	60	59 Mins.
E Second Initial Flow Pressure	110	P.S.I.	45	45 Mins.
F Second Final Flow Pressure	170	P.S.I.		
G Final Closed-in Pressure	934	P.S.I.		
H Final Hydrostatic Mud	2462	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>2</u> Min.	Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	Second Flow Pressure Breakdown: <u>11</u> Inc. of <u>5</u> mins. and a final inc. of <u>4</u> Min.	Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>54</u>	<u>0</u>	<u>88</u>	<u>0</u>	<u>110</u>	<u>0</u>	<u>170</u>
P 2 <u>5</u>	<u>60</u>	<u>3</u>	<u>562</u>	<u>5</u>	<u>113</u>	<u>3</u>	<u>452</u>
P 3 <u>10</u>	<u>74</u>	<u>6</u>	<u>696</u>	<u>10</u>	<u>117</u>	<u>6</u>	<u>554</u>
P 4 <u>15</u>	<u>85</u>	<u>9</u>	<u>787</u>	<u>15</u>	<u>126</u>	<u>9</u>	<u>617</u>
P 5 <u>17</u>	<u>88</u>	<u>12</u>	<u>851</u>	<u>20</u>	<u>131</u>	<u>12</u>	<u>667</u>
P 6 <u> </u>	<u> </u>	<u>15</u>	<u>896</u>	<u>25</u>	<u>136</u>	<u>15</u>	<u>708</u>
P 7 <u> </u>	<u> </u>	<u>18</u>	<u>938</u>	<u>30</u>	<u>140</u>	<u>18</u>	<u>747</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>971</u>	<u>35</u>	<u>146</u>	<u>21</u>	<u>774</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>1002</u>	<u>40</u>	<u>151</u>	<u>24</u>	<u>803</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>1027</u>	<u>45</u>	<u>156</u>	<u>27</u>	<u>826</u>
P11 <u> </u>	<u> </u>	<u>30</u>	<u>1046</u>	<u>50</u>	<u>161</u>	<u>30</u>	<u>851</u>
P12 <u> </u>	<u> </u>	<u>33</u>	<u>1062</u>	<u>55</u>	<u>167</u>	<u>33</u>	<u>872</u>
P13 <u> </u>	<u> </u>	<u>36</u>	<u>1078</u>	<u>59</u>	<u>170</u>	<u>36</u>	<u>893</u>
P14 <u> </u>	<u> </u>	<u>39</u>	<u>1093</u>	<u> </u>	<u> </u>	<u>39</u>	<u>911</u>
P15 <u> </u>	<u> </u>	<u>42</u>	<u>1103</u>	<u> </u>	<u> </u>	<u>42</u>	<u>923</u>
P16 <u> </u>	<u> </u>	<u>45</u>	<u>1116</u>	<u> </u>	<u> </u>	<u>45</u>	<u>934</u>
P17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Executive Pet. Co.
Baer #1

T.K.T. # 13440
Test # 2

