



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

Company **Pickrell Drilling Co.** Lease & Well No. **Praff "L" #1**  
Elevation **2217 Kelly Bushings** Formation **Mississippian** Effective Pay **6** Ft. Ticket No. **14644**  
Date **5-14-71** Sec. **14** Twp. **19S** Range **23W** County **Ness** State **Kansas**  
Test Approved by **Ralph W. Runwe** Western Representative **Dean Blagrave**

Formation Test No. **2** O.K.  Misrun Interval Tested From **4324'** to **4336'** Total Depth **4336'**  
Size Main Hole **7 7/8"** Rat Hole Conv.  B.T. Damaged Yes  No Conv. B.T. Damaged Yes  No  
Packer Depth **4319** Ft. Size **6 3/4"** Packer Depth **4324** Ft. Size **6 3/4"**  
Straddle Yes  No  Conv. B.T. Damaged Yes  No

Tool Size **5 1/2" O.D.** Tool Jt. Size **4 1/2" F.H.** Anchor Length **12** Ft. Size **5 1/2" O.D.**  
RECORDERS Depth **4328** Ft. Clock No. **6899** Depth **4331** Ft. Clock No. **9102**  
Top Make **Kuster** Cap. **4000** No. **3659** Inside Outside Bottom Make **Kuster** Cap. **4000** No. **3660** 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 **8:58** A. M.  
Tool Open I.F.P. From **9:00** M. to **9:10A.** Hr. **10** Min. From (B) **13** P.S.I. To (C) **13** P.S.I.  
Tool Closed I.C.I.P. From **9:10** M. to **9:40A.** Hr. **30** Min. (D) **1350** P.S.I.  
Tool Open F.F.P. From **9:40** M. to **11:10A.** Hr. **30** Min. From (E) **22** P.S.I. To (F) **66** P.S.I.  
Tool Closed F.C.I.P. From **11:10** M. to **12:10P.** Hr. **1** Min. (G) **1345** P.S.I.  
Initial Hydrostatic Pressure (A) **2346** P.S.I. Final Hydrostatic Pressure (H) **2307** P.S.I.

SURFACE Size Choke **1/4** In. Max. Press. P.S.I. Time Description of Flow  
INFORMATION \_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_

BLOW **Weak increasing slightly thru out test** Bottom Choke Size **3/4** In.  
Did Well Flow Yes  No Recovery Total Ft. **125 feet muddy oil**

Reversed Out Yes  No Mud Type **Starch** Viscosity **50** Weight **10.2** Water Loss **10** cc. Maximum Temp. **121** °F  
Type Circ. Sub. **Plug** Did Tool Plug? **No** Jars: Size **No** Make Ser. No.  
EXTRA EQUIPMENT: Dual Packers **Yes** Safety Joint **No** Did Packer Hold? **Yes** Where?  
Length Drill Pipe **3605** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe **727** ft. I.D. Weight Pipe **2.7** in. Length Drill Collars **None** ft.  
I. D. Drill Collars \_\_\_\_\_ in. Length D.S.T. Tool **30** ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date **5-14-71**

Test Ticket No. **14644**

Recorder No. **3659**

Capacity **4000**

Location **4328** Ft.

Clock No. **6899**

Elevation **2217 Kelly Bushings**

Well Temperature **121** °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<b>2346</b> P.S.I.	Open Tool	<b>9:00</b> A.M.	
B First Initial Flow Pressure	<b>13</b> P.S.I.	First Flow Pressure	<b>10</b> Mins.	<b>10</b> Mins.
C First Final Flow Pressure	<b>13</b> P.S.I.	Initial Closed-in Pressure	<b>30</b> Mins.	<b>31</b> Mins.
D Initial Closed-in Pressure	<b>1350</b> P.S.I.	Second Flow Pressure	<b>90</b> Mins.	<b>89</b> Mins.
E Second Initial Flow Pressure	<b>22</b> P.S.I.	Final Closed-in Pressure	<b>60</b> Mins.	<b>60</b> Mins.
F Second Final Flow Pressure	<b>66</b> P.S.I.			
G Final Closed-in Pressure	<b>1345</b> P.S.I.			
H Final Hydrostatic Mud	<b>2307</b> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <b>2</b> Inc.		Breakdown: <b>10</b> Inc.		Breakdown: <b>17</b> Inc.		Breakdown: <b>20</b> Inc.	
of <b>5</b> mins. and a final inc. of _____ Min.		of <b>3</b> mins. and a final inc. of <b>1</b> Min.		of <b>5</b> mins. and a final inc. of <b>4</b> Min.		of <b>3</b> mins. and a final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <b>0</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>66</b>
P 2 <b>5</b>	<b>13</b>	<b>3</b>	<b>469</b>	<b>5</b>	<b>23</b>	<b>3</b>	<b>169</b>
P 3 <b>10</b>	<b>13</b>	<b>6</b>	<b>1029</b>	<b>10</b>	<b>25</b>	<b>6</b>	<b>501</b>
P 4 _____		<b>9</b>	<b>1242</b>	<b>15</b>	<b>27</b>	<b>9</b>	<b>944</b>
P 5 _____		<b>12</b>	<b>1295</b>	<b>20</b>	<b>29</b>	<b>12</b>	<b>1150</b>
P 6 _____		<b>15</b>	<b>1317</b>	<b>25</b>	<b>31</b>	<b>15</b>	<b>1238</b>
P 7 _____		<b>18</b>	<b>1329</b>	<b>30</b>	<b>33</b>	<b>18</b>	<b>1269</b>
P 8 _____		<b>21</b>	<b>1335</b>	<b>35</b>	<b>35</b>	<b>21</b>	<b>1287</b>
P 9 _____		<b>24</b>	<b>1341</b>	<b>40</b>	<b>38</b>	<b>24</b>	<b>1302</b>
P10 _____		<b>27</b>	<b>1347</b>	<b>45</b>	<b>41</b>	<b>27</b>	<b>1311</b>
P11 _____		<b>30</b>	<b>1349</b>	<b>50</b>	<b>44</b>	<b>30</b>	<b>1316</b>
P12 _____		<b>31</b>	<b>1350</b>	<b>55</b>	<b>47</b>	<b>33</b>	<b>1321</b>
P13 _____				<b>60</b>	<b>51</b>	<b>36</b>	<b>1325</b>
P14 _____				<b>65</b>	<b>53</b>	<b>39</b>	<b>1329</b>
P15 _____				<b>70</b>	<b>55</b>	<b>42</b>	<b>1333</b>
P16 _____				<b>75</b>	<b>58</b>	<b>45</b>	<b>1335</b>
P17 _____				<b>80</b>	<b>61</b>	<b>48</b>	<b>1337</b>
P18 _____				<b>85</b>	<b>63</b>	<b>51</b>	<b>1339</b>
P19 _____				<b>59</b>	<b>66</b>	<b>54</b>	<b>1341</b>
P20 _____						<b>57</b>	<b>1343</b>
						<b>60</b>	<b>1345</b>

