



Home Office: Great Bend, Kansas

P. O. Box 793 (316) 793-7903

Company Pickrell Drilling Co. Lease & Well No. Nickel D-1
Elevation 1736 KB Formation Kinderhook Effective Pay _____ Ft. Ticket No. 21196
Date 7-14-74 Sec. 28 Twp. 18S Range 8W County Rice State Kansas
Test Approved by Don Pate Western Representative Leon Elmore
Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3227' to 3255' Total Depth 3255'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Top Packer Depth 3222' Ft. Size 6 3/4 Bottom Packer Depth 3227' Ft. Size 6 3/4
Straddle _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 28 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3246' Ft. Clock No. 6866 Depth 3249' Ft. Clock No. 8377
Top Make Kuster Cap. 4500 No. 3085 Inside _____ Outside _____ Bottom Make Kuster Cap. 4400 No. 2603 Inside _____ Outside _____
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside _____ Outside _____
Time Set Packer 5:18 A M
Tool Open I.F.P. From 5:20 A M. to 5:50 A M. Hr. 30 Min. From (B) 37 P.S.I. To (C) 33 P.S.I.
Tool Closed I.C.I.P. From 5:50 A M. to 6:20 A M. Hr. 30 Min (D) 45 P.S.I.
Tool Open F.F.P. From 6:20 A M. to 6:50 A M. Hr. 30 Min. From (E) 33 P.S.I. To (F) 33 P.S.I.
Tool Closed F.C.I.P. From 6:50 A M. to 7:20 A M. Hr. 30 Min. (G) 40 P.S.I.
Initial Hydrostatic Pressure (A) 1781 P.S.I. Final Hydrostatic Pressure (H) 1774 P.S.I. Maximum Temp. 114

INFORMATION

BLOW Weak-- 10 minutes then died.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 20 Feet Mud.
Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 40 Weight 9.8 Water Loss 12.0 cc. Chlorides 122,000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint No Jars: Size _____ In. Make _____ Ser. No. _____
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? _____
DRILLING CONTRACTOR Pickrell Rig #1 Length Drill Pipe? 2575' Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe 632' Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars _____ Ft. I.D. Drill Collars _____ In.
Tool Joint Size _____ In. Length D.S.T. Tool 48' Ft.

Remarks:

Tool Slid 8 Feet after opening.

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WESTERN TESTING CO., INC.

Pressure Data

Date 7-14-74 Test Ticket No. 21196
 Recorder No. 3085 Capacity 4500 Location 3246' Ft.
 Clock No. 6866 Elevation 1736 KB Well Temperature 114 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1781</u> P.S.I.	<u>5:18</u>	<u>AM</u>
B First Initial Flow Pressure	<u>37</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>33</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>45</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>33</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>33</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
G Final Closed-in Pressure	<u>40</u> P.S.I.		
H Final Hydrostatic Mud	<u>1774</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</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>0</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>37</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>33</u>
P 2 <u>5</u>	<u>35</u>	<u>3</u>	<u>33</u>	<u>5</u>	<u>33</u>	<u>3</u>	<u>33</u>
P 3 <u>10</u>	<u>33</u>	<u>6</u>	<u>33</u>	<u>10</u>	<u>33</u>	<u>6</u>	<u>33</u>
P 4 <u>15</u>	<u>33</u>	<u>9</u>	<u>36</u>	<u>15</u>	<u>33</u>	<u>9</u>	<u>33</u>
P 5 <u>20</u>	<u>33</u>	<u>12</u>	<u>37</u>	<u>20</u>	<u>33</u>	<u>12</u>	<u>34</u>
P 6 <u>25</u>	<u>33</u>	<u>15</u>	<u>40</u>	<u>25</u>	<u>33</u>	<u>15</u>	<u>35</u>
P 7 <u>30</u>	<u>33</u>	<u>18</u>	<u>41</u>	<u>30</u>	<u>33</u>	<u>18</u>	<u>36</u>
P 8		<u>21</u>	<u>42</u>			<u>21</u>	<u>37</u>
P 9		<u>24</u>	<u>43</u>			<u>24</u>	<u>38</u>
P10		<u>27</u>	<u>44</u>			<u>27</u>	<u>39</u>
P11		<u>30</u>	<u>45</u>			<u>30</u>	<u>40</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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TKT#21196
I.

(H)

(A)

(G)

(E)

(E)

(D)

(C)

(B)