



Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company Pickrell Drilling Company Lease & Well No North A-1
Elevation 2163 Derrick Floor; Formation Cherokee Ticket Number 5765
Date Jan. 12, 1965 Sec. 20 Twp. 16 Range 20 County Rush State Kansas
Test Approved by Ralph W. Ruwwe Western Representative Bill Hager

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3970' to 4015' Total Depth 4015'
Size Main Hole 7 7/8 Rat Hole None Conv. ☒ B.T. ☒ Damaged ☒ Yes ☒ No ☐ Conv. ☒ B.T. ☒ Damaged ☒ Yes ☒ No ☐
Packer Depth 3965 Ft. Size 6 3/4 Packer Depth 3970 Ft. Size 6 3/4
Straddle ☒ Yes ☐ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 45 Ft. Size 5 1/2 OD

RECORDERS Depth 4006 Ft. Clock No. 6799 Depth 4009 Ft. Clock No. 141
Top Make Kuster Cap. 4300 No. 1566 Inside Western Bottom Make 4000 Cap. 21 Inside 21
Below Straddle: Depth 4300 Clock No. 1566 Inside Western Bottom Make 4000 Cap. 21 Inside 21
Top Make Kuster Cap. 4300 No. 1566 Inside Western Bottom Make 4000 Cap. 21 Inside 21

Time Set Packer 8:59 A.
Tool Open I.F.P. From 9:00 M. to 9:05 M. Hr. 5 Min. From (B) 114 P.S.I. To (C) 231 P.S.I.
Tool Closed I.C.I.P. From 9:06 M. to 9:36 M. Hr. 30 Min. (D) 1147 P.S.I.
Tool Open F.F.P. From 9:37 M. to 10:37 M. Hr. 1 Min. From (E) 313 P.S.I. To (F) 817 P.S.I.
Tool Closed F.C.I.P. From 10:38 M. to 11:08 M. Hr. 30 Min. (G) 1067 P.S.I.
Initial Hydrostatic Pressure (A) 2162 P.S.I. Final Hydrostatic Pressure (H) 2156 P.S.I.

SURFACE Size Choke 3/8 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION Strong blow throughout test. Bottom Choke Size 3/4 In.

BLOW Strong blow throughout test. Bottom Choke Size 3/4 In.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 1680' muddy salt water

Reversed Out ☒ Yes ☐ No Mud Type starch Viscosity 46 Weight 10.2 Maximum Temp. 111 °F
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size 2.7 Make yes Ser. No. yes
Type Circ. Sub. plug Did Tool Plug? no Where? yes Did Packer Hold? yes
Length Drill Pipe 3000 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 1050 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 65 ft.
I. D. Drill Collars 65 in. Length D. S. T. Tool 65 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date January 12, 1965 Test Ticket No. 5765
 Recorder No. 1566 Capacity 4300 Location 4006 Ft.
 Clock No. 6799 Elevation 2163 Derrick Floor Well Temperature 111 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2162</u> P.S.I.	<u>8:59A</u>	<u>M</u>
B First Initial Flow Pressure	<u>114</u> P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>231</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>1147</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>313</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>817</u> P.S.I.		
G Final Closed-in Pressure	<u>1067</u> P.S.I.		
H Final Hydrostatic Mud	<u>2156</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>9</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>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>114</u>	<u>0</u>	<u>231</u>	<u>0</u>	<u>313</u>	<u>0</u>	<u>817</u>
P 2 <u>5</u>	<u>231</u>	<u>3</u>	<u>1047</u>	<u>5</u>	<u>415</u>	<u>3</u>	<u>978</u>
P 3		<u>6</u>	<u>1089</u>	<u>10</u>	<u>523</u>	<u>6</u>	<u>1004</u>
P 4		<u>9</u>	<u>1111</u>	<u>15</u>	<u>577</u>	<u>9</u>	<u>1014</u>
P 5		<u>12</u>	<u>1124</u>	<u>20</u>	<u>615</u>	<u>12</u>	<u>1025</u>
P 6		<u>15</u>	<u>1132</u>	<u>25</u>	<u>647</u>	<u>15</u>	<u>1036</u>
P 7		<u>18</u>	<u>1139</u>	<u>30</u>	<u>681</u>	<u>18</u>	<u>1044</u>
P 8		<u>21</u>	<u>1143</u>	<u>35</u>	<u>711</u>	<u>21</u>	<u>1051</u>
P 9		<u>24</u>	<u>1145</u>	<u>40</u>	<u>735</u>	<u>24</u>	<u>1057</u>
P10		<u>27</u>	<u>1147</u>	<u>45</u>	<u>761</u>	<u>27</u>	<u>1062</u>
P11				<u>50</u>	<u>780</u>	<u>30</u>	<u>1067</u>
P12				<u>55</u>	<u>802</u>		
P13				<u>60</u>	<u>817</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Pickrell Drilg. Co.
North #A-1

Test # 1
TKT # 5765

