



34-22-13E

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

Company Herb Hart Lease & Well No. Hessler #18
Elevation 1238 Kelly Bushings Location Viola Effective Pay _____ Ft. Ticket No. 15515
Date August 14, 1971 Sec. 34 Twp. 22S Range 13E County Greenwood State Kansas
Test Approved by Paul D. Koontz Western Representative Norman Allen
Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 2226' to 2242' Total Depth 2242'
Size Main Hole 7 7/8" Rat Hole 5 3/4" Conv. _____ B.T. _____ Damaged _____ Yes _____ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth _____ Ft. Size _____ Packer Depth 2226 Ft. Size 6 3/4"
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" & 4 1/2" O.D. Tool Jt. Size 4 1/2" & 3 1/2" Anchor Length 16 Ft. Size 4 1/2" O.D.
RECORDERS Depth 2235 Ft. Clock No. 8474 Depth 2238 Ft. Clock No. 4763
Top Make Kuster Cap. 4000 No. 3351 Inside _____ Outside _____ Bottom Make Kuster Cap. 4150 No. 2606 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____ Depth _____ Ft. Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 7:17 P. M.
Tool Open I.F.P. From 7:20 P.M. to 7:30 P.M. Hr. 10 Min. From (B) 40 P.S.I. To (C) 30 P.S.I.
Tool Closed I.C.I.P. From 7:30 P.M. to 8:00 P.M. Hr. 30 Min. (D) 611 P.S.I.
Tool Open F.F.P. From 8:00 P.M. to 9:00 P.M. Hr. 60 Min. From (E) 18 P.S.I. To (F) 20 P.S.I.
Tool Closed F.C.I.P. From 9:00 P.M. to 9:30 P.M. Hr. 30 Min. (G) 514 P.S.I.
Initial Hydrostatic Pressure (A) 1151 P.S.I. Final Hydrostatic Pressure (H) 1130 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak 10 minutes - Slid tool 5 feet to bottom Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 60 feet Drilling with show of free oil
Reversed Out _____ Yes ☒ No _____ Mud Type Chem Viscosity 35 Weight 10.1 Water Loss 14 cc. Maximum Temp. 94 °F
Type Circ. Sub. Pin Did Tool Plug? No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers No Safety Joint No Did Packer Hold? Yes Where? _____
Length Drill Pipe 2001 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 210 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 31 ft.
Remarks Core hole 2227 feet to 2242 feet

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WESTERN TESTING CO., INC.

Pressure Data

Date August 14, 1971

Test Ticket No. 15515

Recorder No. 3351 Capacity 4000 Location 2235 Ft.

Clock No. 8474 Elevation 1238 Kelly Bushings Well Temperature 94 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1151</u>	P.S.I.	<u>7:17</u>	<u>P.M.</u>
B First Initial Flow Pressure	<u>40</u>	P.S.I.	<u>10</u>	Mins. <u>10</u> Mins.
C First Final Flow Pressure	<u>30</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>611</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>18</u>	P.S.I.	<u>30</u>	Mins. <u>35</u> Mins.
F Second Final Flow Pressure	<u>20</u>	P.S.I.		
G Final Closed-in Pressure	<u>514</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1130</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>11</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>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>40</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>18</u>	<u>0</u>	<u>20</u>
P 2 <u>5</u>	<u>35</u>	<u>3</u>	<u>243</u>	<u>5</u>	<u>18</u>	<u>3</u>	<u>34</u>
P 3 <u>10</u>	<u>30</u>	<u>6</u>	<u>446</u>	<u>10</u>	<u>18</u>	<u>6</u>	<u>76</u>
P 4		<u>9</u>	<u>523</u>	<u>15</u>	<u>18</u>	<u>9</u>	<u>194</u>
P 5		<u>12</u>	<u>558</u>	<u>20</u>	<u>18</u>	<u>12</u>	<u>317</u>
P 6		<u>15</u>	<u>580</u>	<u>25</u>	<u>19</u>	<u>15</u>	<u>236</u>
P 7		<u>18</u>	<u>591</u>	<u>30</u>	<u>19</u>	<u>18</u>	<u>426</u>
P 8		<u>21</u>	<u>598</u>	<u>35</u>	<u>19</u>	<u>21</u>	<u>452</u>
P 9		<u>24</u>	<u>604</u>	<u>40</u>	<u>19</u>	<u>24</u>	<u>473</u>
P10		<u>27</u>	<u>608</u>	<u>45</u>	<u>20</u>	<u>27</u>	<u>490</u>
P11		<u>30</u>	<u>611</u>	<u>50</u>	<u>20</u>	<u>30</u>	<u>500</u>
P12				<u>55</u>	<u>20</u>	<u>33</u>	<u>510</u>
P13				<u>60</u>	<u>20</u>	<u>35</u>	<u>514</u>
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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