



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Hawkins Energy Company Lease & Well No. Loomis A-#1
Elevation 1232 Kelly Bush. Formation Simpson Effective Pay - Ft. Ticket No. 22594
Date 11-14-77 Sec. 21 Twp. 27S Range 4E County Butler State Kansas
Test Approved by Paul D. Koontz Western Representative Tim Wilson
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 2606' to 2616' Total Depth 2616'
Size Main Hole 7-7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 2601 Ft. Size 6-3/4 Bottom Packer Depth 2606 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 10 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2610 Ft. Clock No. 9103 Depth 2613 Ft. Clock No. 9727
Top Make Kuster Cap. 3150 No. 1562 ^{Inside} Outside Bottom Make Kuster Cap. 3200 No. 1561 ^{Inside} Outside
Below Straddle: Depth - Rec. No. - Clock No. - ^{Inside} Outside Depth - Ft. Rec. No. - Clock No. - ^{Inside} Outside
Time Set Packer 4:12A M
Tool Open I.F.P. From 4:15 M. to 4:45 M. - Hr. 30 Min. From (B) 30 P.S.I. To (C) 128 P.S.I.
Tool Closed I.C.I.P. From 4:45 M. to 5:15 M. - Hr. 30 Min (D) 902 P.S.I.
Tool Open F.F.P. From 5:15 M. to 5:45 M. - Hr. 30 Min. From (E) 172 P.S.I. To (F) 199 P.S.I.
Tool Closed F.C.I.P. From 5:45 M. to 6:15 M. - Hr. 30 Min. (G) 902 P.S.I.
Initial Hydrostatic Pressure (A) 1355 P.S.I. Final Hydrostatic Pressure (H) 1350 P.S.I. Maximum Temp. 106°

INFORMATION

BLOW Weak increasing to strong in 15 minutes.

Did Well Flow ☐ Yes ☒ No Recovery Total Fr. 400' 80' (38 gravity oil) 120' Muddy Water

Reversed Out ☐ Yes ☒ No Mud Type Chem Viscosity 43 Weight 9.9 Water Loss 12 cc. Chlorides 1100 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR White & Ellis #2 Length Drill Pipe? 2426 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 180 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4" H90n Length D.S.T. Tool 30 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 11-14-77 Test Ticket No. 22594
 Recorder No. 1562 Capacity 3150 Location 2610 Ft.
 Clock No. 9103 Elevation 1232 Kelly Bushing Well Temperature 106 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1355 P.S.I.	4:12 A M	
B First Initial Flow Pressure	30 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	128 P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	902 P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	172 P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure	199 P.S.I.		
G Final Closed-in Pressure	902 P.S.I.		
H Final Hydrostatic Mud	1350 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>30</u>	<u>0</u>	<u>128</u>	<u>0</u>	<u>172</u>	<u>0</u>	<u>199</u>
P 2 <u>5</u>	<u>46</u>	<u>3</u>	<u>754</u>	<u>5</u>	<u>162</u>	<u>3</u>	<u>808</u>
P 3 <u>10</u>	<u>75</u>	<u>6</u>	<u>837</u>	<u>10</u>	<u>166</u>	<u>6</u>	<u>855</u>
P 4 <u>15</u>	<u>91</u>	<u>9</u>	<u>866</u>	<u>15</u>	<u>175</u>	<u>9</u>	<u>874</u>
P 5 <u>20</u>	<u>104</u>	<u>12</u>	<u>878</u>	<u>20</u>	<u>184</u>	<u>12</u>	<u>883</u>
P 6 <u>25</u>	<u>116</u>	<u>15</u>	<u>886</u>	<u>25</u>	<u>193</u>	<u>15</u>	<u>889</u>
P 7 <u>30</u>	<u>128</u>	<u>18</u>	<u>892</u>	<u>30</u>	<u>199</u>	<u>18</u>	<u>894</u>
P 8		<u>21</u>	<u>897</u>			<u>21</u>	<u>897</u>
P 9		<u>24</u>	<u>900</u>			<u>24</u>	<u>900</u>
P10		<u>27</u>	<u>902</u>			<u>27</u>	<u>901</u>
P11		<u>30</u>	<u>902</u>			<u>30</u>	<u>902</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

1562

TK# 22594

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