



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

Company F&M Oil Co. Inc. Lease & Well No. Kasselman #1
Elevation 1978 Kelly Bushings Formation Simpson Effective Pay _____ Ft. Ticket No. 19768
Date 10-28-74 Sec. 32 Twp. 21S Range 15W County Pawnee State Kansas
Test Approved by A1 Stude Western Representative Darrel Ferguson
Formation Test No. 4 O.K. ☒ Misrun _____ Interval Tested From 3862' to 3908' Total Depth 3945'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Top Packer Depth 3862 Ft. Size 6 3/4 Bottom Packer Depth _____ Ft. Size _____
Straddle Yes Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Packer Depth 3908 Ft. Size 6 3/4
Tool Size 5 1/2 ODI Tool Joint Size 4 1/2 FHZ Anchor Length 46 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3897 Ft. Clock No. 6899 Depth 3899 Ft. Clock No. 6895
Top Make Kuster Cap. 4150 No. 3660 Inside Bottom Make Kuster Cap. 4150 No. 3659 Inside
Below Straddle: Depth 3905 Rec. No. 47 Clock No. 206 Inside Depth 3906 Ft. Rec. No. 46 Clock No. 207 Inside
Time Set Packer 4:02 P M
Tool Open I.F.P. From 4:04 M. to 4:34 M. Hr. 30 Min. 1 From (B) 31 P.S.I. To (C) 31 P.S.I.
Tool Closed I.C.I.P. From 4:34 M. to 5:04 M. Hr. 30 Min (D) 44 P.S.I.
Tool Open F.F.P. From 5:04 M. to 5:34 M. Hr. 30 Min. From (E) 27 P.S.I. To (F) 27 P.S.I.
Tool Closed F.C.I.P. From 5:34 M. to 6:04 M. Hr. 30 Min. (G) 27 P.S.I.
Initial Hydrostatic Pressure (A) 2091 P.S.I. Final Hydrostatic Pressure (H) 2078 P.S.I. Maximum Temp. 117

INFORMATION

BLOW Weak blow 30 minutes.
Did Well Flow _____ Yes ☒ No Recovery Total Ft. 10 feet mud.
Reversed Out _____ Yes ☒ No Mud Type starch Viscosity 55 Weight 9.8 Water Loss 10 cc. Chlorides _____
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 _____ Length Drill Pipe? 2994 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size _____ In.
Length Weight Pipe 852 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size _____ In. Length Drill Collars _____ Ft. I.D. Drill Collars _____ In.
Tool Joint Size _____ In. Length D.S.T. Tool 62 Ft. 37 feet tell pipe.
Remarks:

WESTERN TESTING CO., INC. **Pressure Data**

Date 10-28-74 Test Ticket No. 19768
 Recorder No. 3660 Capacity 4150 Location 3897 Ft.
 Clock No. 6899 Elevation 1978 Kelly Bushings Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2091</u> P.S.I.	Open Tool	<u>4:04P</u> M	
B First Initial Flow Pressure	<u>31</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>44</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>27</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>27</u> P.S.I.			
G Final Closed-in Pressure	<u>27</u> P.S.I.			
H Final Hydrostatic Mud	<u>2078</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>9</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>31</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>27</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>33</u>	<u>5</u>	<u>27</u>	<u>3</u>	<u>27</u>
P 3 <u>10</u>	<u>31</u>	<u>6</u>	<u>36</u>	<u>10</u>	<u>27</u>	<u>6</u>	<u>27</u>
P 4 <u>15</u>	<u>31</u>	<u>9</u>	<u>37</u>	<u>15</u>	<u>27</u>	<u>9</u>	<u>27</u>
P 5 <u>20</u>	<u>31</u>	<u>12</u>	<u>38</u>	<u>20</u>	<u>27</u>	<u>12</u>	<u>27</u>
P 6 <u>25</u>	<u>31</u>	<u>15</u>	<u>40</u>	<u>25</u>	<u>27</u>	<u>15</u>	<u>27</u>
P 7 <u>30</u>	<u>31</u>	<u>18</u>	<u>41</u>	<u>30</u>	<u>27</u>	<u>18</u>	<u>27</u>
P 8		<u>21</u>	<u>42</u>			<u>21</u>	<u>27</u>
P 9		<u>24</u>	<u>43</u>			<u>24</u>	<u>27</u>
P10		<u>27</u>	<u>44</u>			<u>27</u>	<u>27</u>
P11						<u>30</u>	<u>27</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

HH# 19768
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(H)

(A)

(G) (F) (E) (D) (C) (B)

tkl # 19768
Bottom Packer

