



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

Company Tomlinson Oil Co., Inc. Lease & Well No. Stenzel #1
 Elevation 2190 Derrick Floor Formation Mississippi Effective Pay - Ft. Ticket No. 24412
 Date 12-30-76 Sec. 24 Twp. 20S Range 22W County Ness State Kansas
 Test Approved by Craig Cualk Western Representative Don Leiker

Formation Test No. 1 O.K. Misrun Interval Tested From 4312' to 4349' Total Depth 4349'
 Size Main Hole 7 7/8" Rat Hole 12 1/4" Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 4307 Ft. Size 6 3/4 Bottom Packer Depth 4312 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 37 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 4342 Ft. Clock No. 6897 Depth 4345 Ft. Clock No. 8378
 Top Make Kuster Cap. 4150 No. 2608 Inside Outside Bottom Make Kuster Cap. 4000 No. 3473 Inside Outside
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 4:57A. M
 Tool Open I.F.P. From 5:00A M. to 5:30A M. - Hr. 30 Min. From (B) 69 P.S.I. To (C) 43 P.S.I.
 Tool Closed I.C.I.P. From 5:30A M. to 6:00A M. - Hr. 30 Min (D) 123 P.S.I.
 Tool Open F.F.P. From 6:00A M. to 6:30A M. - Hr. 30 Min. From (E) 64 P.S.I. To (F) 46 P.S.I.
 Tool Closed F.C.I.P. From 6:30A M. to 7:00A M. - Hr. 30 Min. (G) 63 P.S.I.
 Initial Hydrostatic Pressure (A) 2254 P.S.I. Final Hydrostatic Pressure (H) 2189 P.S.I. Maximum Temp. 118

INFORMATION

BLOW Weak blow died in 30 minutes.
 Did Well Flow Yes No Recovery Total Ft. 20' of thin drilling mud with a very few dead looking spots of oil.

Reversed Out Yes No Mud Type Starch Viscosity 44 Weight 9.8 Water Loss 12.0 cc. Chlorides -
 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 Gabbert-Jones Drlg. Length Drill Pipe? 3858 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 94 Ft. I.D. Drill Collars 2.25 In.
 Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 55 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 12-30-76 Test Ticket No. 24412
 Recorder No. 2608 Capacity 4150 Location 4342 Ft.
 Clock No. 6897 Elevation 2190 Derrick Floor Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2254</u> P.S.I.	Open Tool	<u>4:57A.</u> M	
B First Initial Flow Pressure	<u>69</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>43</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>123</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>64</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>46</u> P.S.I.			
G Final Closed-in Pressure	<u>63</u> P.S.I.			
H Final Hydrostatic Mud	<u>2189</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 11 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 9 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>69</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>46</u>
P 2 <u>5</u>	<u>46</u>	<u>3</u>	<u>43</u>	<u>5</u>	<u>48</u>	<u>3</u>	<u>47</u>
P 3 <u>10</u>	<u>42</u>	<u>6</u>	<u>44</u>	<u>10</u>	<u>46</u>	<u>6</u>	<u>48</u>
P 4 <u>15</u>	<u>43</u>	<u>9</u>	<u>50</u>	<u>15</u>	<u>46</u>	<u>9</u>	<u>48</u>
P 5 <u>20</u>	<u>43</u>	<u>12</u>	<u>58</u>	<u>20</u>	<u>46</u>	<u>12</u>	<u>49</u>
P 6 <u>25</u>	<u>43</u>	<u>15</u>	<u>67</u>	<u>25</u>	<u>46</u>	<u>15</u>	<u>52</u>
P 7 <u>30</u>	<u>43</u>	<u>18</u>	<u>75</u>	<u>30</u>	<u>46</u>	<u>18</u>	<u>54</u>
P 8 _____		<u>21</u>	<u>85</u>			<u>21</u>	<u>56</u>
P 9 _____		<u>24</u>	<u>94</u>			<u>24</u>	<u>60</u>
P10 _____		<u>27</u>	<u>106</u>			<u>27</u>	<u>63</u>
P11 _____		<u>30</u>	<u>114</u>				
P12 _____		<u>33</u>	<u>123</u>				
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

TKT # 24412

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