



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

Company **Craig Morris Oil Co.** Lease & Well No. **Roy David #1**
Elevation **1123 Kelly Bush.** Formation **Bartlesville Sand** Effective Pay **-** Ft. Ticket No. **24202**
Date **6-14-75** Sec. **21** Twp. **32S** Range **4E** County **Cowley** State **Kansas**
Test Approved by **George R. McNeish** Western Representative **Forrest Purnell**
Formation Test No. **1** O.K. **-** Misrun **X** Interval Tested From **2950'** to **2970'** Total Depth **2970'**
Size Main Hole **7 7/8** Rat Hole **-** Conv. **-** B.T. **-** Damaged **-** Yes **-** No Conv. **-** B.T. **X** Damaged **-** Yes **X** No
Top Packer Depth **-** Ft. Size **-** Bottom Packer Depth **2949** 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 **20** Ft. Size **5 1/2 OD** Surface Choke Size **3/4** In. Bottom Choke Size **3/4** In.
RECORDERS Depth **2955** Ft. Clock No. **6800** Depth **2958** Ft. Clock No. **6859**
Top Make **Kuster** Cap. **4200** No. **1559** Inside **-** Outside **-** Bottom Make **Kuster** Cap. **3150** No. **1565** Inside **-** Outside **-**
Below Straddle: Depth **-** Rec. No. **-** Clock No. **-** Inside **-** Outside **-** Depth **-** Ft. Rec. No. **-** Clock No. **-** Inside **-** Outside **-**
Time Set Packer **3:57 P** M
Tool Open I.F.P. From **4:00P** M. to **4:15P** M. **-** Hr. **15** Min. From (B) **37** P.S.I. To (C) **34** P.S.I.
Tool Closed I.C.I.P. From **4:15P** M. to **4:45P** M. **-** Hr. **30** Min. (D) **776** P.S.I.
Tool Open F.F.P. From **4:45P** M. to **5:00P** M. **-** Hr. **15** Min. From (E) **38** P.S.I. To (F) **38** P.S.I.
Tool Closed F.C.I.P. From **-** M. to **-** M. **-** Hr. **-** Min. (G) **-** P.S.I.
Initial Hydrostatic Pressure (A) **1512** P.S.I. Final Hydrostatic Pressure (H) **1504** P.S.I. Maximum Temp. **-**

INFORMATION

BLOW **Weak 2 1/2" blow decreased & died in 14 minutes. Flushed tool-good surge, no help on blow.**

Did Well Flow **-** Yes **X** No Recovery Total Ft. **40' drilling mud.**

Reversed Out **-** Yes **X** No Mud Type **Chemical** Viscosity **51** Weight **9.5+** Water Loss **12.4** cc. Chlorides **4600 PPM**

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

Dual Packer **No** Did Packers Hold? **Yes** Did Tool Plug? **Yes** Where? **Bottom Anchor**

DRILLING CONTRACTOR **Dunbar Drilling Co.** Length Drill Pipe? **2839** Ft. I.D. Drill Pipe **2.7** In. Tool Joint Size **3 1/2 IF** In.

Length Weight Pipe **-** Ft. I.D. Weight Pipe **-** In. Tool Joint Size **-** In. Length Drill Collars **95** Ft. I.D. Drill Collars **2 1/2** In.

Tool Joint Size **-** In. Length D.S.T. Tool **36** Ft.

Remarks: **Misrun.**

WESTERN TESTING CO., INC.

Pressure Data

Date 6-14-75 Test Ticket No. 24202
 Recorder No. 1559 Capacity 4200 Location 2955 Ft.
 Clock No. 6800 Elevation 1123 Kelly Bushing Well Temperature - °F

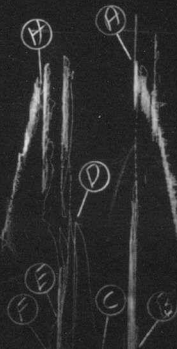
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1512</u>	P.S.I.	<u>3:57 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>37</u>	P.S.I.	<u>15</u>	<u>15</u> Mins.
C First Final Flow Pressure	<u>34</u>	P.S.I.	<u>30</u>	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>776</u>	P.S.I.	<u>15</u>	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>38</u>	P.S.I.	<u>-</u>	<u>-</u> Mins.
F Second Final Flow Pressure	<u>38</u>	P.S.I.		
G Final Closed-in Pressure	<u>-Not taken</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1504</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>37</u>	P 1 <u>0</u>	<u>34</u>	P 1 <u>0</u>	<u>38</u>	<u>Not taken.</u>	
P 2 <u>5</u>	<u>36</u>	P 2 <u>3</u>	<u>60</u>	P 2 <u>5</u>	<u>38</u>		
P 3 <u>10</u>	<u>34</u>	P 3 <u>6</u>	<u>110</u>	P 3 <u>10</u>	<u>flushed tool</u>		
P 4 <u>15</u>	<u>34</u>	P 4 <u>9</u>	<u>188</u>	P 4 <u>15</u>	<u>38</u>		
P 5		P 5 <u>12</u>	<u>326</u>	P 5 <u>20</u>	<u>38</u>		
P 6		P 6 <u>15</u>	<u>475</u>				
P 7		P 7 <u>18</u>	<u>615</u>				
P 8		P 8 <u>21</u>	<u>691</u>				
P 9		P 9 <u>24</u>	<u>741</u>				
P10		P10 <u>27</u>	<u>776</u>				
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

THT # 24202

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1559



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P. O. Box 793 (316) 793-7903

Company Craig Morris Oil Company Lease & Well No. Roy David #1
Elevation 1123 Kelly Bush. Formation Bartlesville Sand Effective Pay - Ft. Ticket No. 24203
Date 6-15-75 Sec. 21 Twp. 32S Range 4E County Cowley State Kansas
Test Approved by George R. McNeish Western Representative Forrest Purnell
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 2963' to 2985' Total Depth 2985'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth - Ft. Size - Bottom Packer Depth 2963 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 22 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2977 Ft. Clock No. 6800 Depth 2980 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3150 No. 1565 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 1:43 A M
Tool Open I.F.P. From 1:45A M. to 2:15A M. - Hr. 30 Min. From (B) 27 P.S.I. To (C) 32 P.S.I.
Tool Closed I.C.I.P. From 2:15A M. to 3:00A M. - Hr. 45 Min (D) 581 P.S.I.
Tool Open F.F.P. From 3:00A M. to 4:00A M. - Hr. 60 Min. From (E) 50 P.S.I. To (F) 55 P.S.I.
Tool Closed F.C.I.P. From 4:00A M. to 5:00A M. - Hr. 60 Min. (G) 778 P.S.I.
Initial Hydrostatic Pressure (A) 1553 P.S.I. Final Hydrostatic Pressure (H) 1504 P.S.I. Maximum Temp. -

INFORMATION

BLOW Weak 1/2" blow increased to strong 15" blow throughout test.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 90' drilling mud with trace of oil & gas, in tool, 270' gas in pipe.
Reversed Out ☐ Yes ☒ No Mud Type Chemical Viscosity 55 Weight 9.6 Water Loss 12.8 cc. Chlorides 5000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size - In. Make - Ser. No. -
Dual Packer No Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR Dunbar Drilling Co. Length Drill Pipe? 2852 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 3 1/2 IF In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 95 Ft. I.D. Drill Collars 2 1/2 In.
Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 38 Ft.
Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 6-15-75 Test Ticket No. 24203
 Recorder No. 1559 Capacity 4200 Location 2977 Ft.
 Clock No. 6800 Elevation 1123 Kelly Bushing Well Temperature - °F

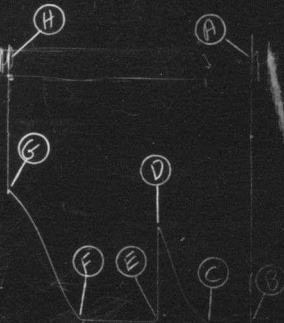
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1553</u> P.S.I.	Open Tool	<u>1:43 P</u> M	
B First Initial Flow Pressure	<u>27</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>32</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>581</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>50</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>55</u> P.S.I.			
G Final Closed-in Pressure	<u>778</u> P.S.I.			
H Final Hydrostatic Mud	<u>1504</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>14</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>27</u>	<u>0</u>	<u>32</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>55</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>40</u>	<u>5</u>	<u>50</u>	<u>3</u>	<u>73</u>
P 3 <u>10</u>	<u>27</u>	<u>6</u>	<u>56</u>	<u>10</u>	<u>50</u>	<u>6</u>	<u>104</u>
P 4 <u>15</u>	<u>28</u>	<u>9</u>	<u>75</u>	<u>15</u>	<u>51</u>	<u>9</u>	<u>136</u>
P 5 <u>20</u>	<u>29</u>	<u>12</u>	<u>96</u>	<u>20</u>	<u>51</u>	<u>12</u>	<u>173</u>
P 6 <u>25</u>	<u>30</u>	<u>15</u>	<u>124</u>	<u>25</u>	<u>51</u>	<u>15</u>	<u>215</u>
P 7 <u>30</u>	<u>32</u>	<u>18</u>	<u>158</u>	<u>30</u>	<u>52</u>	<u>18</u>	<u>264</u>
P 8		<u>21</u>	<u>196</u>	<u>35</u>	<u>52</u>	<u>21</u>	<u>311</u>
P 9		<u>24</u>	<u>250</u>	<u>40</u>	<u>53</u>	<u>24</u>	<u>368</u>
P10		<u>27</u>	<u>299</u>	<u>45</u>	<u>53</u>	<u>27</u>	<u>418</u>
P11		<u>30</u>	<u>366</u>	<u>50</u>	<u>54</u>	<u>30</u>	<u>471</u>
P12		<u>33</u>	<u>432</u>	<u>55</u>	<u>54</u>	<u>33</u>	<u>515</u>
P13		<u>36</u>	<u>492</u>	<u>60</u>	<u>55</u>	<u>36</u>	<u>559</u>
P14		<u>39</u>	<u>544</u>			<u>39</u>	<u>598</u>
P15		<u>42</u>	<u>581</u>			<u>42</u>	<u>636</u>
P16						<u>45</u>	<u>667</u>
P17						<u>48</u>	<u>699</u>
P18						<u>51</u>	<u>725</u>
P19						<u>54</u>	<u>750</u>
P20						<u>57</u>	<u>768</u>
						<u>60</u>	<u>778</u>

TAT # 24203

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Company Craig Morris Oil Co. Lease & Well No. Roy David #1
Elevation 1123 Kelly Bush. Formation Bartlesville Sand Effective Pay - Ft. Ticket No. 24204
Date 6-15-75 Sec. 21 Twp. 32S Range 4E County Cowley State Kansas
Test Approved by George R. McNeish Western Representative Forrest Purnell
Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 2985' to 2 3005' Total Depth 3 3005'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth - Ft. Size - Bottom Packer Depth 2985 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 51.0D Tool Joint Size 41.2FH Anchor Length 20 Ft. Size 51.0D Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2997 Ft. Clock No. 6800 Depth 3000 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1559 Inside ☐ Outside ☐ Bottom Make Kuster Cap. 3150 No. 1565 Inside ☐ Outside ☐
Below Straddle: Depth - Rec. No. - Clock No. - Inside ☐ Outside ☐ Depth - Ft. Rec. No. - Clock No. - Inside ☐ Outside ☐
Time Set Packer 12:40 P M
Tool Open I.F.P. From 12:45P M. to 1:15P M. - Hr. 30 Min. From (B) 29 P.S.I. To (C) 41 P.S.I.
Tool Closed I.C.I.P. From 1:15P M. to 2:00P M. - Hr. 45 Min (D) 779 P.S.I.
Tool Open F.F.P. From 2:00P M. to 3:00P M. - Hr. 60 Min. From (E) 64 P.S.I. To (F) 77 P.S.I.
Tool Closed F.C.I.P. From 3:00P M. to 4:00P M. - Hr. 60 Min. (G) 806 P.S.I.
Initial Hydrostatic Pressure (A) 1555 P.S.I. Final Hydrostatic Pressure (H) 1496 P.S.I. Maximum Temp. 114

INFORMATION

BLOW Weak blow throughout strong 15" blow throughout test.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 939' gas in pipe, 105' gassy oil cut mud, (5% oil), 45' gassy slightly oil cut muddy water.

Reversed Out ☐ Yes ☒ No Mud Type Chemical Viscosity 55 Weight 9.6 Water Loss 12.8 cc. Chlorides 5000PPM

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 Dunbar Drilling Co. Length Drill Pipe? 2874 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 31.25 In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 95 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 41.2FH In. Length D.S.T. Tool 36 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 6-15-75 Test Ticket No. 24204
 Recorder No. 1559 Capacity 4200 Location 2997 Ft.
 Clock No. 6800 Elevation 1123 Kelly Bushing Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1555</u>	P.S.I.	<u>12:40 P</u>	M
B First Initial Flow Pressure	<u>29</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>41</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>779</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>64</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
F Second Final Flow Pressure	<u>77</u>	P.S.I.		
G Final Closed-in Pressure	<u>806</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1496</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>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>29</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>77</u>
P 2 <u>5</u>	<u>28</u>	<u>3</u>	<u>49</u>	<u>5</u>	<u>63</u>	<u>3</u>	<u>93</u>
P 3 <u>10</u>	<u>28</u>	<u>6</u>	<u>66</u>	<u>10</u>	<u>63</u>	<u>6</u>	<u>132</u>
P 4 <u>15</u>	<u>30</u>	<u>9</u>	<u>96</u>	<u>15</u>	<u>63</u>	<u>9</u>	<u>183</u>
P 5 <u>20</u>	<u>32</u>	<u>12</u>	<u>146</u>	<u>20</u>	<u>64</u>	<u>12</u>	<u>257</u>
P 6 <u>25</u>	<u>37</u>	<u>15</u>	<u>223</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>332</u>
P 7 <u>30</u>	<u>41</u>	<u>18</u>	<u>324</u>	<u>30</u>	<u>66</u>	<u>18</u>	<u>402</u>
P 8		<u>21</u>	<u>408</u>	<u>35</u>	<u>68</u>	<u>21</u>	<u>464</u>
P 9		<u>24</u>	<u>492</u>	<u>40</u>	<u>70</u>	<u>24</u>	<u>519</u>
P10		<u>27</u>	<u>550</u>	<u>45</u>	<u>72</u>	<u>27</u>	<u>563</u>
P11		<u>30</u>	<u>611</u>	<u>50</u>	<u>73</u>	<u>30</u>	<u>603</u>
P12		<u>33</u>	<u>656</u>	<u>55</u>	<u>75</u>	<u>33</u>	<u>637</u>
P13		<u>36</u>	<u>696</u>	<u>60</u>	<u>77</u>	<u>36</u>	<u>667</u>
P14		<u>39</u>	<u>728</u>			<u>39</u>	<u>693</u>
P15		<u>42</u>	<u>756</u>			<u>42</u>	<u>715</u>
P16		<u>45</u>	<u>779</u>			<u>45</u>	<u>735</u>
P17						<u>48</u>	<u>752</u>
P18						<u>51</u>	<u>768</u>
P19						<u>54</u>	<u>781</u>
P20						<u>57</u>	<u>795</u>
						<u>60</u>	<u>806</u>

TAT # 24204

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