



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 21818

P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

Formation Miss Elevation 1317 KB Eff. Pay _____ Ft.

District Augusta Date 3/12/77 Customer Order No. _____

COMPANY NAME Wiley, R. Ash Sr.

ADDRESS Route #1, Box Rosehill, Ks. 67133

LEASE AND WELL NO. Mobile "C" #2 COUNTY Sumner STATE Ks. Sec 29 Twp 31S Rge 20

Mail Inv. To Same Co. Name _____ Address _____ No. Copies Requested 1

Mail Charts To Same Co. Name _____ Address _____ No. Copies Requested 5

Formation Test No. 1 O.K. _____ Misrun X Interval Tested From 3896 to 3911 Total Depth 3911

Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Conv. X B.T. _____ Damaged X Yes _____ No

Top Packer Depth _____ Ft. Size _____ Bottom Packer Depth 3896 Ft. Size 6 3/4

Straddle _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____

Tool Size 5 1/2" O Tool Joint Size 4 1/2" FH Anchor Length 15 Ft. Size 5 1/2" O Surface Choke Size 3 1/4 In. Bottom Choke Size 3 1/4 In.

RECORDERS Depth 3904 Ft. Clock No. 10167 Depth 3907 Ft. Clock No. 9102

Top Make Kuster Cap. 3150 No. 1563 Inside _____ Bottom Make Kuster Cap. 3200 No. 1561 Inside _____

Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Outside _____ Depth _____ Rec. No. _____ Clock No. _____ Outside _____

Time Set Packer 5:43 A.M.

Tool Open I.F.P. From 5:45 M. to 6:15 M. Hr. 30 Min. From (B) _____ P.S.I. To (C) _____ P.S.I.

Tool Closed I.C.I.P. From 6:15 M. to 6:45 M. Hr. 30 Min. (D) _____ P.S.I.

Tool Open F.F.P. From 6:45 M. to 7:30 M. Hr. 45 Min. From (E) _____ P.S.I. To (F) _____ P.S.I.

Tool Closed F.C.I.P. From 7:30 M. to 8:15 M. Hr. 45 Min. (G) _____ P.S.I.

Initial Hydrostatic Pressure (A) 2020 P.S.I. Final Hydrostatic Pressure (H) 2020 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Fair; decreasing to very weak in 30 min. NO blow

F.F.P.

Did Well Flow Yes X No Recovery Total Ft. 160' Heavy Orlg. Mud oil specks on top.

Reversed Out Yes X No Mud Type Starch Viscosity 55 Weight 9.9 Water Loss 8.0 cc. Chlorides 43,000

EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____

Dual Packers NO Did Packers Hold? Yes Did Tool Plug? Yes Where? Throughout test.

DRILLING CONTRACTOR Red Tiger #5 Length Drill Pipe 289 ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2" FH

Length Weight Pipe 1020 ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2" FH In. Length Drill Collars _____ ft. I.D. Drill Collars _____ In.

Tool Joint Size _____ In. Length D.S.T. Tool 30 ft.

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

Remarks _____

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Remarks _____

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

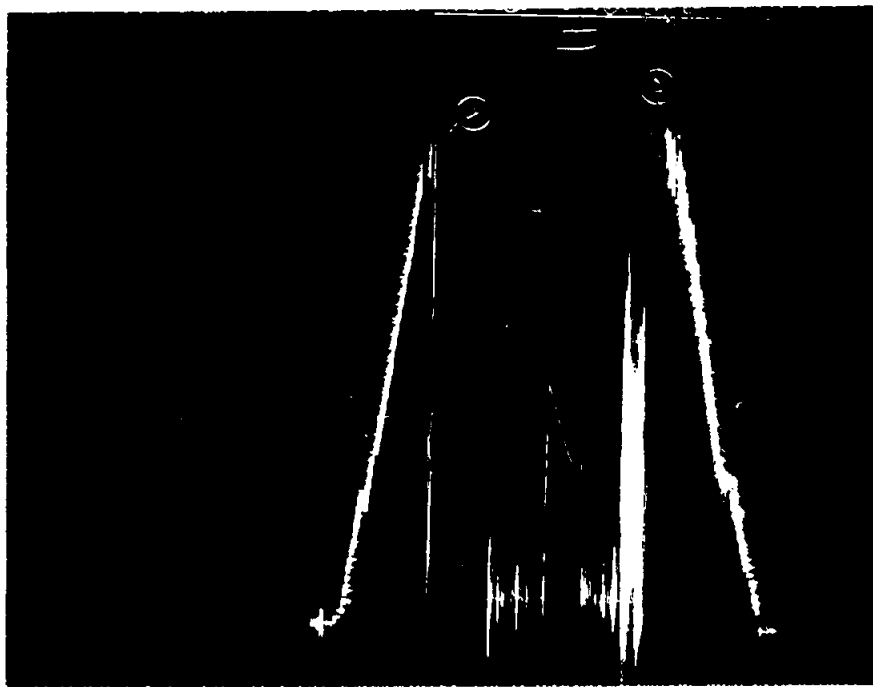
Test Approved By Wiley R. Ash
Signature of Customer or his
Authorized Representative

Western Representative Bill Baker

Operator's Time _____ Hrs.

INVOICE SECTION

Open Hole Test	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Misrun	\$ <u>175.00</u>
Evaluation	\$ _____
Packer	\$ _____
Circ. Sub.	\$ _____
Total	\$ <u>175.00</u>





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

Company Wiley R. Ash, Sr. Lease & Well No. MaGill C-#2
Elevation 1317 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticker No. 21818
Date 3-12-77 Sec. 29 Twp. 31S Range 2W County Sumner State Kansas
Test Approved by Wiley R. Ash Western Representative Bill Baker
Formation Test No. 1 O.K. - Misrun X Interval Tested From 3896' to 3911' Total Depth 3911'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. - Damaged - Yes - No Conv. X B.T. - Damaged X Yes - No
Top Packer Depth - Ft. Size - Bottom Packer Depth 3896 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 15 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3904 Ft. Clock No. 10167 Depth 3907 Ft. Clock No. 9102
Top Make Kuster Cap. 3150 No. 1563 ~~Outside~~ Inside Bottom Make Kuster Cap. 3200 No. 1561 ~~Inside~~ Outside
Below Straddle: Depth - Rec. No. - Clock No. - ~~Outside~~ Inside Depth - Ft. Rec. No. - Clock No. - ~~Outside~~ Inside
Time Set Packer 5:43 A M
Tool Open I.F.P. From 5:45 A.M. to 6:15 A.M. - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 6:15 M. to 6:45 A.M. - Hr. 30 Min (D) - P.S.I.
Tool Open F.F.P. From 6:45 A.M. to 7:30 A.M. - Hr. 45 Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From 7:30 M. to 8:15 A.M. - Hr. 45 Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) 2020 P.S.I. Final Hydrostatic Pressure (H) 2020 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Fair blow decreasing to a very weak blow in 30 minutes. No blow on final flow period

Did Well Flow - Yes X No Recovery Total Ft. 160' heavy drilling mud with oil specks on top.

Reversed Out - Yes X No Mud Type starch Viscosity 55 Weight 9.9 Water Loss 8.0 cc. Chlorides 43,000 P.P.M.

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? throughout test.

DRILLING CONTRACTOR Red Tiger #5 Length Drill Pipe? 2891 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In

Length Weight Pipe 1020 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars - Ft. I.D. Drill Collars - In

Tool Joint Size - In. Length D.S.T. Tool 30 Ft.

Remarks:



P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 21819

Formation Miss Elevation 1317 K.B. Eff. Pay _____ Ft.District AugustaDate 3/12/77

Customer Order No. _____

COMPANY NAME Wiley R. Ash SR. Box 114ADDRESS Route #1 Rosehill, KS 67133LEASE AND WELL NO. Ma Gill "C" #2COUNTY Sumner STATE KsSec. 29 Twp. 31S Rge. 2WMail Inv. To Same

Co. Name

Address

No. Copies Requested 1Mail Charts To Same

Address

No. Copies Requested 5Formation Test No. 2 O.K. _____ Misrun _____ Interval Tested From 3896 to 3911 Total Depth 3911Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Conv. X B.T. _____ Damaged X Yes _____ NoTop Packer Depth _____ Ft. Size _____ Bottom Packer Depth 3896 Ft. Size 6 3/4

Straddle _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____

Tool Size 5 1/200 Tool Joint Size 4 1/2 FH Anchor Length 15 Ft. Size 5 1/200 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.RECORDERS Depth 3904 Ft. Clock No. 10167 Depth 3907 Ft. Clock No. 9102Top Make Kuster Cap. 3150 No. 1565 Inside _____ Outside _____ Bottom Make Kuster Cap. 3200 No. 1561 Inside _____ Outside _____

Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside _____ Outside _____

Time Set Packer 4:13 P. M _____Tool Open I.F.P. From 4:15 M. to 5:15 M. _____ Hr. 60 Min. From (B) _____ P.S.I. To (C) _____ P.S.I.Tool Closed I.C.I.P. From 5:15 M. to 6:15 M. _____ Hr. 60 Min. (D) _____ P.S.I.Tool Open F.F.P. From _____ M. to _____ M. _____ Hr. _____ Min. From (E) None P.S.I. To (F) Taken P.S.I.Tool Closed F.C.I.P. From _____ M. to _____ M. _____ Hr. _____ Min. (G) None Taken P.S.I.Initial Hydrostatic Pressure (A) 2098 P.S.I. Final Hydrostatic Pressure (H) 2083 P.S.I. Maximum Temp. _____

INFORMATION

BLOW Very weak direct 30 min. Flushed tool; F.F.P. veryweak surgeDid Well Flow Yes X No _____ Recovery Total Ft. 30' Heavy mud!Reversed Out Yes X No _____ Mud Type Stack Viscosity 46 Weight 9.8 Water Loss 9.6 cc. Chlorides 42,000EXTRA EQUIPMENT: Type Circ. Sub. Pen Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____Dual Packers NO Did Packers Hold? Yes Did Tool Plug? _____ Where? _____DRILLING CONTRACTOR Reel Tiger #5 Length Drill Pipe 2891 ft. I.D. Drill Pipe 3.5 In. Tool Joint Size 4 1/2 FH In.Length Weight Pipe 1020 ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars _____ ft. I.D. Drill Collars _____ In.Tool Joint Size _____ In. Length D.S.T. Tool 30 ft.

Remarks _____

INVOICE SECTION

Open Hole Test	\$	_____
Straddle Test	\$	_____
Jars	\$	_____
Selective Zone	\$	_____
Safety Joint	\$	_____
Misrun	\$	<u>125.00</u>
Evaluation	\$	_____
Packer	\$	<u>125.00</u>
Circ. Sub.	\$	_____
	\$	_____
Total	\$	<u>300.00</u>

COMPANY TERMS

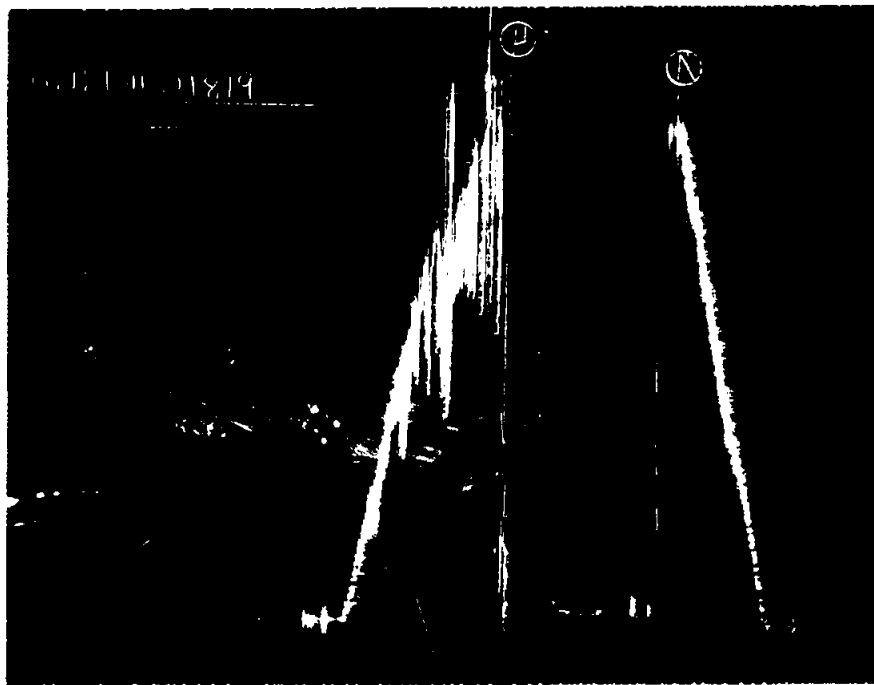
Western Testing Co., Inc., shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Wiley R. Ash
Signature of Customer or his
Authorized Representative

Western Representative Bruce Baker

Operator's Time _____ Hrs.





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

Company Wiley R. Ash, Sr. Lease & Well No. MaGill C-#2
Elevation 1317 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 21819
Date 3-12-77 Sec. 29 Twp. 31S Range 2W County Sumner State Kansas
Test Approved by Wiley R. Ash Western Representative Bill Baker
Formation Test No. 2 O.K. - Misrun X Interval Tested From 3896' to 3911' Total Depth 3911'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. - Damaged - Yes - No Conv. X B.T. - Damaged X Yes - No
Top Packer Depth - Ft. Size - Bottom Packer Depth 3896 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 15 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3904 Ft. Clock No. 10167 Depth 3907 Ft. Clock No. 9102
Top Make Kuster Cap. 3150 No. 1565 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 4:13 PM
Tool Open I.F.P. From 4:15 PM to 5:15 PM 1 Hr. - Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 5:15 PM to 6:15 PM 1 Hr. - Min (D) - P.S.I.
Tool Open F.F.P. From - M. to - M. - Hr. - Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From - M. to - M. - Hr. - Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) 2098 P.S.I. Final Hydrostatic Pressure (H) 2083 P.S.I. Maximum Temp. -

INFORMATION

BLOW Very weak blow, died in 30 minutes. Flushed tool on final flow period, very weak surge.

Did Well Flow - Yes X No Recovery Total Fr. 30' heavy mud.

Reversed Out - Yes X No Mud Type starch Viscosity 46 Weight 9.8 Water Loss 9.6 cc. Chlorides 42,000 P.P.M.

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

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

DRILLING CONTRACTOR Red Tiger #5 Length Drill Pipe? 2891 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 1020 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 30 Ft.

Remarks:



P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 21820

Formation Miss. Elevation 1317 K.B. Eff. Pay. _____ Ft.

District Augusta Date 3/13/77 Customer Order No. _____

COMPANY NAME Wiley R. Ash SR

ADDRESS Route #1 Rosehill, Ks. 67133

LEASE AND WELL NO. Ma Gill "C" #2 COUNTY Sumner STATE Ks Sec. 29 Twp. 31S Rge. 2W

Mail Inv. To Same Co. Name _____ Address _____ No. Copies Requested 1

Mail Charts To Same Address _____ No. Copies Requested 5

Formation Test No. 3 O.K. X Misrun _____ Interval Tested From 3895 to 3935 Total Depth 3935

Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Conv. X B.T. _____ Damaged _____ Yes X No

Top Packer Depth _____ Ft. Size _____ Bottom Packer Depth 3895 Ft. Size _____

Straddle _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____

Tool Size 5 1/2" Tool Joint Size 4 1/2" Anchor Length 40 Ft. Size 5 1/2" Surface Choke Size 3 1/4 In. Bottom Choke Size 3 1/4 In.

RECORDERS Depth 3907 Ft. Clock No. 10167 Depth 3910 Ft. Clock No. 9102

Top Make Kuster Cap. 3150 No. 1565 Inside _____ Outside _____ Bottom Make Kuster Cap. 3200 No. 1561 Inside _____ Outside _____

Below Straddle: Depth _____ Res. No. _____ Clock No. _____ Outside _____ Depth _____ Ft. Rec. No. _____ Clock No. _____ Outside _____

Time Set Packer. 3:58 P. M.

Tool Open I.F.P. From 4:00 M. to 5:00 M. _____ Hr. 60 Min. From (B) 47 P.S.I. To (C) 62 P.S.I.

Tool Closed I.C.I.P. From 5:00 M. to 6:00 M. _____ Hr. 60 Min. (D) 509 P.S.I.

Tool Open F.F.P. From 6:00 M. to 7:30 M. _____ Hr. 90 Min. From (E) 70 P.S.I. To (F) 86 P.S.I.

Tool Closed F.C.I.P. From 7:30 M. to 9:00 M. _____ Hr. 90 Min. (G) 321 P.S.I.

Initial Hydrostatic Pressure (A) 2097 P.S.I. Final Hydrostatic Pressure (H) 2057 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Very weak & intermittent throughout test!

Did Well Flow _____ Yes X No _____ Recovery Total Ft. 90' Gas; & very slightly oil cut mud.

Reversed Out. _____ Yes X No _____ Mud Type starch Viscosity 44 Weight 9.8 Water Loss 10.8 cc. Chlorides 42,000

EXTRA EQUIPMENT: Type Circ. Sub. P3W Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____

Dual Packers NO Did Packers Hold? Yes Did Tool Plug? NO Where? _____

DRILLING CONTRACTOR Red Tiger #5 Length Drill Pipe 2915 ft. I.D. Drill Pipe 38 In. Tool Joint Size 4 1/2" In.

Length Weight Pipe 1020 ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2" In. Length Drill Collars _____ ft. I.D. Drill Collars _____ In.

Tool Joint Size _____ In. Length D.S.T. Tool 55 ft.

Remarks _____

COMPANY TERMS

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All charges subject to 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

INVOICE SECTION

Open Hole Test	\$ <u>380.00</u>
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Misrun	\$ _____
Evaluation	\$ _____
Packer	\$ _____
Circ. Sub.	\$ _____
Total	\$ <u>380.00</u>

Test Approved By Wiley R. Ash
Signature of Customer or his
Authorized Representative

Western Representative Bill Baker

Operator's Time _____ Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 3-13-77

Test Ticket No. 21820

Recorder No. 1565

Capacity 3150

Location 3907 Ft.

Clock No. 10167

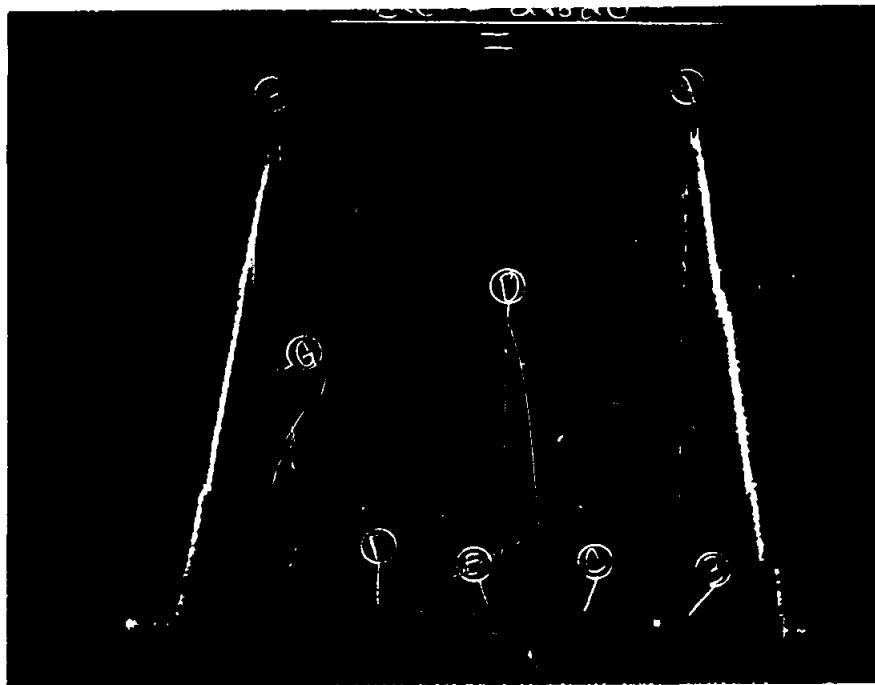
Elevation 1317 AB

Well Temperature 124 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2052</u> P.S.I.	<u>3:58 P.M.</u>	
B First Initial Flow Pressure	<u>34</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>51</u> P.S.I.	<u>60</u> Mins.	<u>63</u> Mins.
D Initial Closed-in Pressure	<u>1288</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>60</u> P.S.I.	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>74</u> P.S.I.		
G Final Closed-in Pressure	<u>1092</u> P.S.I.		
H Final Hydrostatic Mud	<u>2029</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>29</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>34</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>74</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>55</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>74</u>
P 3 <u>10</u>	<u>40</u>	<u>6</u>	<u>60</u>	<u>10</u>	<u>60</u>	<u>6</u>	<u>75</u>
P 4 <u>15</u>	<u>41</u>	<u>9</u>	<u>67</u>	<u>15</u>	<u>61</u>	<u>9</u>	<u>80</u>
P 5 <u>20</u>	<u>42</u>	<u>12</u>	<u>81</u>	<u>20</u>	<u>62</u>	<u>12</u>	<u>86</u>
P 6 <u>25</u>	<u>44</u>	<u>15</u>	<u>96</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>92</u>
P 7 <u>30</u>	<u>45</u>	<u>18</u>	<u>116</u>	<u>30</u>	<u>63</u>	<u>18</u>	<u>99</u>
P 8 <u>35</u>	<u>46</u>	<u>21</u>	<u>142</u>	<u>35</u>	<u>64</u>	<u>21</u>	<u>106</u>
P 9 <u>40</u>	<u>47</u>	<u>24</u>	<u>179</u>	<u>40</u>	<u>64</u>	<u>24</u>	<u>113</u>
P10 <u>45</u>	<u>48</u>	<u>27</u>	<u>235</u>	<u>45</u>	<u>65</u>	<u>27</u>	<u>124</u>
P11 <u>50</u>	<u>49</u>	<u>30</u>	<u>316</u>	<u>50</u>	<u>66</u>	<u>30</u>	<u>134</u>
P12 <u>55</u>	<u>50</u>	<u>33</u>	<u>426</u>	<u>55</u>	<u>66</u>	<u>33</u>	<u>146</u>
P13 <u>60</u>	<u>51</u>	<u>36</u>	<u>544</u>	<u>60</u>	<u>67</u>	<u>36</u>	<u>161</u>
P14		<u>39</u>	<u>671</u>	<u>65</u>	<u>68</u>	<u>39</u>	<u>178</u>
P15		<u>42</u>	<u>800</u>	<u>70</u>	<u>69</u>	<u>42</u>	<u>197</u>
P16		<u>45</u>	<u>844</u>	<u>75</u>	<u>70</u>	<u>45</u>	<u>222</u>
P17		<u>48</u>	<u>1013</u>	<u>80</u>	<u>71</u>	<u>48</u>	<u>251</u>
P18		<u>51</u>	<u>1019</u>	<u>85</u>	<u>72</u>	<u>51</u>	<u>288</u>
P19		<u>54</u>	<u>1165</u>	<u>90</u>	<u>74</u>	<u>54</u>	<u>333</u>
P20		<u>57</u>	<u>1225</u>			<u>57</u>	<u>387</u>
		<u>60</u>	<u>1265</u>			<u>60</u>	<u>440</u>
		<u>63</u>	<u>1288</u>				





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

Company Wiley R. Ash, Sr. Lease & Well No. MaGill C #2
Elevation 1317 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 21820
Date 3-13-77 Sec. 29 Twp. 31S Range 2W County Sumner State Kansas
Test Approved by Wiley R. Ash Western Representative Bill Baker
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 3895' to 3935' Total Depth 3935'
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 3895 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 40 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3907 Ft. Clock No. 10167 Depth 3910 Ft. Clock No. 9102
Top Make Kuster Cap 3150 No. 1565 Inside Bottom Make Kuster Cap 3200 No. 1561 Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside
Time Set Packer 3:58P. M
Tool Open I.F.P. From 4:00P M. to 5:00PM. ☐ Hr. 60 Min. From (B) ☐ P.S.I. To (C) ☐ P.S.I.
Tool Closed I.C.I.P. From 5:00PM. to 6:00PM. ☐ Hr. 60 Min (D) ☐ P.S.I.
Tool Open F.F.P. From 6:00P M. to 7:30PM. ☐ Hr. 90 Min. From (E) ☐ P.S.I. To (F) ☐ P.S.I.
Tool Closed F.C.I.P. From 7:30PM. to 9:00PM. ☐ Hr. 90 Min. (G) ☐ P.S.I.
Initial Hydrostatic Pressure (A) ☐ P.S.I. Final Hydrostatic Pressure (H) ☐ P.S.I. Maximum Temp. ☐

INFORMATION

BLOW Very weak, intermittent blow throughout test.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 90' of gas and very slightly oil cut mud.

Reversed Out ☐ Yes ☒ No Mud Type Starch Viscosity 44 Weight 9.8 Water Loss 10.8 cc. Chlorides 42,000 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 Red Tiger Drlg. (#5) Length Drill Pipe? 2915 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 1020 Ft. I.D. Weight Pipe 2.8 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐ In.

Tool Joint Size ☐ In. Length D.S.T. Tool 55 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-13-77 Test Ticket No. 21820

Recorder No. 1565 Capacity 3150 Location 3907 Fr

Clock No. 10167 Elevation 1317 Kelly Bushing Well Temperature 124 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2052</u> P.S.I.	<u>3:58 PM</u>	
B First Initial Flow Pressure	<u>34</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>51</u> P.S.I.	<u>60</u> Mins.	<u>63</u> Mins.
D Initial Closed-in Pressure	<u>1288</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>60</u> P.S.I.	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>74</u> P.S.I.		
G Final Closed-in Pressure	<u>1092</u> P.S.I.		
H Final Hydrostatic Mud	<u>2029</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>21</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>29</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>34</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>74</u>
P 2 <u>5</u>	<u>38</u>	<u>3</u>	<u>55</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>74</u>
P 3 <u>10</u>	<u>40</u>	<u>6</u>	<u>60</u>	<u>10</u>	<u>60</u>	<u>6</u>	<u>75</u>
P 4 <u>15</u>	<u>41</u>	<u>9</u>	<u>67</u>	<u>15</u>	<u>61</u>	<u>9</u>	<u>80</u>
P 5 <u>20</u>	<u>42</u>	<u>12</u>	<u>81</u>	<u>20</u>	<u>62</u>	<u>12</u>	<u>86</u>
P 6 <u>25</u>	<u>44</u>	<u>15</u>	<u>96</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>92</u>
P 7 <u>30</u>	<u>45</u>	<u>18</u>	<u>116</u>	<u>30</u>	<u>63</u>	<u>18</u>	<u>99</u>
P 8 <u>35</u>	<u>46</u>	<u>21</u>	<u>142</u>	<u>35</u>	<u>64</u>	<u>21</u>	<u>106</u>
P 9 <u>40</u>	<u>47</u>	<u>24</u>	<u>179</u>	<u>40</u>	<u>64</u>	<u>24</u>	<u>113</u>
P10 <u>45</u>	<u>48</u>	<u>27</u>	<u>235</u>	<u>45</u>	<u>65</u>	<u>27</u>	<u>124</u>
P11 <u>50</u>	<u>49</u>	<u>30</u>	<u>316</u>	<u>50</u>	<u>66</u>	<u>30</u>	<u>134</u>
P12 <u>55</u>	<u>50</u>	<u>33</u>	<u>426</u>	<u>55</u>	<u>66</u>	<u>33</u>	<u>146</u>
P13 <u>60</u>	<u>51</u>	<u>36</u>	<u>544</u>	<u>60</u>	<u>67</u>	<u>36</u>	<u>161</u>
P14		<u>39</u>	<u>671</u>	<u>65</u>	<u>68</u>	<u>39</u>	<u>178</u>
P15		<u>42</u>	<u>800</u>	<u>70</u>	<u>69</u>	<u>42</u>	<u>197</u>
P16		<u>45</u>	<u>844</u>	<u>75</u>	<u>70</u>	<u>45</u>	<u>222</u>
P17		<u>48</u>	<u>1013</u>	<u>80</u>	<u>71</u>	<u>48</u>	<u>251</u>
P18		<u>51</u>	<u>1019</u>	<u>85</u>	<u>72</u>	<u>51</u>	<u>288</u>
P19		<u>54</u>	<u>1165</u>	<u>90</u>	<u>74</u>	<u>54</u>	<u>333</u>
P20		<u>57</u>	<u>1225</u>			<u>57</u>	<u>387</u>
		<u>60</u>	<u>1265</u>			<u>60</u>	<u>440</u>
WTC -		<u>62</u>	<u>1288</u>				

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WESTERN TESTING CO., INC.

Pressure Data

Date 3-13-77 Test Ticket No. 21820
 Recorder No. 1565 Capacity 3150 Location 3907 F
 Clock No. 10167 Elevation 1317 Kelly Bushing Well Temperature 124 °
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2052 P.S.I. Open Tool 3:58 PM
 B First Initial Flow Pressure 34 P.S.I. First Flow Pressure 60 Mins. 60 Min
 C First Final Flow Pressure 51 P.S.I. Initial Closed-in Pressure 60 Mins. 63 Min
 D Initial Closed-in Pressure 1288 P.S.I. Second Flow Pressure 90 Mins. 90 Min
 E Second Initial Flow Pressure 60 P.S.I. Final Closed-in Pressure 90 Mins. 87 Min
 F Second Final Flow Pressure 74 P.S.I.
 G Final Closed-in Pressure 1092 P.S.I.
 H Final Hydrostatic Mud 2029 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>21</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>18</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>29</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	501
P 2						66	582
P 3						69	661
P 4						72	752
P 5						75	842
P 6						78	923
P 7						81	991
P 8						84	1060
P 9						87	1092
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							