



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET 24370

P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

Formation Kano City Elevation 1240 KB Eff. Pay - Ft.District Augusta Date 5-7-76 Customer Order No. -COMPANY NAME A. J. GorskiADDRESS 5217 WEST 29th Place Chicago, Illinois 60650LEASE AND WELL NO. mills #1 COUNTY Cowley STATE Kansas Sec. 21 Twp 33S Rge. 8EMail Inv. To Sanna Co. Name - Address - No. Copies Requested 1Mail Charts To SEND ONE copy of chart To TOBY ELSTER Address - No. Copies Requested 5Formation Test No. #1 O.K. X Misrun - Interval Tested From 2108' to 2170' Total Depth 2170'Size Main Hole 6 1/4 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X NoTop Packer Depth 2103 Ft. Size 5 1/2 Bottom Packer Depth 2108 Ft. Size 5 1/2Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 62 Ft. Size 4 1/2 OD Surface Choke Size 3 1/4 In. Bottom Choke Size 3 1/4 In.RECORDERS Depth 2129 Ft. Clock No. 9103 Depth 2132 Ft. Clock No. 9103 6859Top Make Kuster Cap. 4200 No. 1558 Inside - Outside - Bottom Make Kuster Cap. 3150 No. 1564 Inside - Outside -Below Straddle: Depth - Rec. No. - Clock No. - Inside - Outside - Depth - Ft. Rec. No. - Clock No. - Inside - Outside -Time Set Packer 5:28 AMTool Open I.F.P. From 5:30A M. to 6:30A M. Hr. 60 Min. From (B) 2121 P.S.I. To (C) 3130 P.S.I.Tool Closed I.C.I.P. From 6:30A M. to 7:30A M. Hr. 60 Min. (D) 599 603 P.S.I.Tool Open F.F.P. From 7:30A M. to 8:30A M. Hr. 60 Min. From (E) 4253 P.S.I. To (F) 4253 P.S.I.Tool Closed F.C.I.P. From 8:30A M. to 9:30A M. Hr. 60 Min. (G) 516 517 P.S.I.Initial Hydrostatic Pressure (A) 1068 P.S.I. Final Hydrostatic Pressure (H) 1068 P.S.I. Maximum Temp. 98

INFORMATION

BLOW Weak blow in 1st open, no blow second open, initial flow period died in final pumpupDid Well Flow Yes X No - Recovery Total Ft. 35' muddy salt water, 30' heavy mud Total 65' fluidReversed Out Yes X No - Mud Type chem Viscosity 34 Weight 9.5 Water Loss 12 cc. Chlorides 1300 PPMEXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -Dual Packers yes Did Packers Hold? yes Did Tool Plug? - Where? -DRILLING CONTRACTOR B+N Drilling Co. Length Drill Pipe 1995 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 92 ft. I.D. Drill Collars 2 In.Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 82 ft.

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 Toby Elster
Signature of Customer or his
Authorized Representative
TOBY ELSTERWestern Representative Roy Pendley
Operator's Time Thank You Hrs. -

INVOICE SECTION

Open Hole Test	\$ 355.00
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 355.00

WESTERN TESTING CO., INC.

Pressure Data

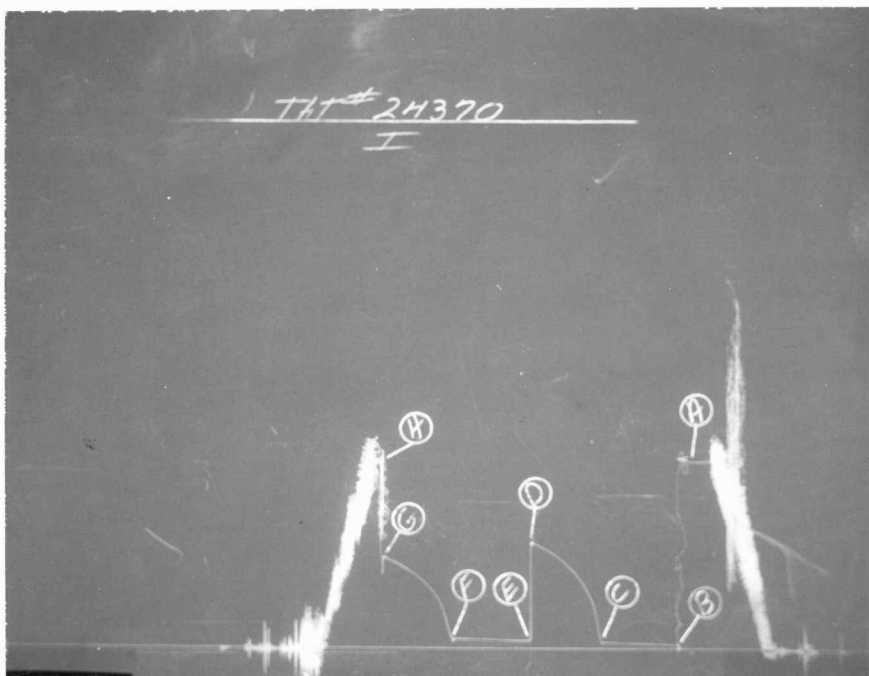
Date 5-7-76 Test Ticket No. 24376
 Recorder No. 1558 Capacity 4200 Location 2129 Ft.
 Block No. 9103 Elevation 1240 KB Well Temperature 98 °F
 Point Pressure Time Given Time Computed
 Initial Hydrostatic Mud 1063 P.S.I. Open Tool 5:28 A M
 First Initial Flow Pressure 21 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 First Final Flow Pressure 36 P.S.I. Initial Closed-in Pressure 60 Mins. 57 Mins.
 Initial Closed-in Pressure 603 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 Second Initial Flow Pressure 53 P.S.I. Final Closed-in Pressure 60 Mins. 54 Mins.
 Second Final Flow Pressure 53 P.S.I.
 Final Closed-in Pressure 517 P.S.I.
 Final Hydrostatic Mud 1050 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>18</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 0	<u>21</u>	0	<u>36</u>	0	<u>53</u>	0	<u>53</u>
P 2 5	<u>22</u>	3	<u>127</u>	5	<u>44</u>	3	<u>103</u>
P 3 10	<u>23</u>	6	<u>230</u>	10	<u>45</u>	6	<u>186</u>
P 4 15	<u>25</u>	9	<u>287</u>	15	<u>45</u>	9	<u>247</u>
P 5 20	<u>26</u>	12	<u>336</u>	20	<u>46</u>	12	<u>286</u>
P 6 25	<u>27</u>	15	<u>367</u>	25	<u>48</u>	15	<u>330</u>
P 7 30	<u>28</u>	18	<u>399</u>	30	<u>50</u>	18	<u>344</u>
P 8 35	<u>29</u>	21	<u>425</u>	35	<u>51</u>	21	<u>367</u>
P 9 40	<u>31</u>	24	<u>450</u>	40	<u>52</u>	24	<u>386</u>
P 10 45	<u>32</u>	27	<u>472</u>	45	<u>52</u>	27	<u>405</u>
P 11 50	<u>34</u>	30	<u>492</u>	50	<u>52</u>	30	<u>422</u>
P 12 55	<u>35</u>	33	<u>510</u>	55	<u>53</u>	33	<u>439</u>
P 13 60	<u>36</u>	36	<u>526</u>	60	<u>53</u>	36	<u>453</u>
P 14		39	<u>542</u>	65		39	<u>464</u>
P 15		42	<u>554</u>	70		42	<u>479</u>
P 16		45	<u>567</u>	75		45	<u>487</u>
P 17		48	<u>577</u>	80		48	<u>498</u>
P 18		51	<u>589</u>	85		51	<u>508</u>
P 19		54	<u>598</u>	90		54	<u>517</u>
P 20		57	<u>603</u>			57	
						60	

TAT# 24370

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

Company A.J. Gorski Lease & Well No. Mills #1
Elevation 1240 Kelly Bushing Formation Kansas City Effective Pay - - Ft. Ticket No. 24370
Date 5-7-76 Sec. 21 Twp. 33S Range 8E County Cowley State Kansas
Test Approved by Toby Elster Western Representative Roy Pendlay
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 2108' to 2170' Total Depth 2170'
Size Main Hole 6 1/4" Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 2103 Ft. Size 5 1/2" Bottom Packer Depth 2108 Ft. Size 5 1/2"
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 62 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2129 Ft. Clock No. 9103 Depth 2132 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1558 Inside Bottom Make Kuster Cap. 3150 No. 1564 Inside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Depth - Ft. Rec. No. - Clock No. - Inside
Time Set Packer 5:28 A. M
Tool Open I.F.P. From 5:30A M. to 6:30A M. - Hr. 60 Min. From (B) 21 P.S.I. To (C) 36 P.S.I.
Tool Closed I.C.I.P. From 6:30A M. to 7:30A M. - Hr. 60 Min (D) 603 P.S.I.
Tool Open F.F.P. From 7:30A M. to 8:30A M. - Hr. 60 Min. From (E) 53 P.S.I. To (F) 53 P.S.I.
Tool Closed F.C.I.P. From 8:30A M. to 9:30A M. - Hr. 60 Min. (G) 517 P.S.I.
Initial Hydrostatic Pressure (A) 1063 P.S.I. Final Hydrostatic Pressure (H) 1050 P.S.I. Maximum Temp. 98

INFORMATION

BLOW Weak blow in initial flow period, died in final flow period.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 35' muddy salt water, 30' heavy mud. 65' total recovery

Reversed Out - Yes ☒ No ☐ Mud Type chem Viscosity 34 Weight 9.5 Water Loss 12. cc. Chlorides 1300 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 B & N Drllg. Co. Length Drill Pipe? 1995 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 92 Ft. I.D. Drill Collars 2 In.

Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 82 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 5-7-76 Test Ticket No. 24370
 Recorder No. 1558 Capacity 4200 Location 2129 Ft.
 Clock No. 9103 Elevation 1240 Kelly Bushing Well Temperature 98 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1063</u>	P.S.I.	<u>5:28 A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>21</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
C First Final Flow Pressure	<u>36</u>	P.S.I.	<u>60</u>	Mins. <u>57</u> Mins.
D Initial Closed-in Pressure	<u>603</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>53</u>	P.S.I.	<u>60</u>	Mins. <u>54</u> Mins.
F Second Final Flow Pressure	<u>53</u>	P.S.I.		
G Final Closed-in Pressure	<u>517</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1050</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>19</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>18</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>21</u>	<u>0</u>	<u>36</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>53</u>
P 2 <u>5</u>	<u>22</u>	<u>3</u>	<u>127</u>	<u>5</u>	<u>44</u>	<u>3</u>	<u>103</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>230</u>	<u>10</u>	<u>45</u>	<u>6</u>	<u>186</u>
P 4 <u>15</u>	<u>25</u>	<u>9</u>	<u>287</u>	<u>15</u>	<u>45</u>	<u>9</u>	<u>247</u>
P 5 <u>20</u>	<u>26</u>	<u>12</u>	<u>330</u>	<u>20</u>	<u>46</u>	<u>12</u>	<u>286</u>
P 6 <u>25</u>	<u>27</u>	<u>15</u>	<u>367</u>	<u>25</u>	<u>48</u>	<u>15</u>	<u>330</u>
P 7 <u>30</u>	<u>28</u>	<u>18</u>	<u>399</u>	<u>30</u>	<u>50</u>	<u>18</u>	<u>344</u>
P 8 <u>35</u>	<u>29</u>	<u>21</u>	<u>425</u>	<u>35</u>	<u>51</u>	<u>21</u>	<u>367</u>
P 9 <u>40</u>	<u>31</u>	<u>24</u>	<u>450</u>	<u>40</u>	<u>52</u>	<u>24</u>	<u>386</u>
P10 <u>45</u>	<u>32</u>	<u>27</u>	<u>472</u>	<u>45</u>	<u>52</u>	<u>27</u>	<u>405</u>
P11 <u>50</u>	<u>34</u>	<u>30</u>	<u>492</u>	<u>50</u>	<u>52</u>	<u>30</u>	<u>422</u>
P12 <u>55</u>	<u>35</u>	<u>33</u>	<u>510</u>	<u>55</u>	<u>53</u>	<u>33</u>	<u>439</u>
P13 <u>60</u>	<u>36</u>	<u>36</u>	<u>526</u>	<u>60</u>	<u>53</u>	<u>36</u>	<u>453</u>
P14		<u>39</u>	<u>542</u>			<u>39</u>	<u>464</u>
P15		<u>42</u>	<u>554</u>			<u>42</u>	<u>479</u>
P16		<u>45</u>	<u>567</u>			<u>45</u>	<u>487</u>
P17		<u>48</u>	<u>577</u>			<u>48</u>	<u>498</u>
P18		<u>51</u>	<u>589</u>			<u>51</u>	<u>508</u>
P19		<u>54</u>	<u>598</u>			<u>54</u>	<u>517</u>
P20		<u>57</u>	<u>603</u>				



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

24371

P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

Formation suweg Elevation 1240 KB Eff. Pay _____ Ft.District Augusta Date 5-8-26 Customer Order No. _____COMPANY NAME A.J. GorskiADDRESS 5217 WEST 29th Place, Chicago Illinois, 60650LEASE AND WELL NO. Mills #1 COUNTY Cowley STATE Kansas Sec. 21 Twp. 33S Rge. 8EMail Inv. To James Co. Name _____ Address _____ No. Copies Requested _____Mail Charts To Send one chart to Toby ELSTER Address _____ No. Copies Requested _____Formation Test No. 2 O.K. X Misrun _____ Interval Tested From 2269' to 2287' Total Depth 2287'Size Main Hole 6 7/8 Rat Hole _____ Conv. _____ B.T. X Damaged _____ Yes X No Conv. X B.T. _____ Damaged _____ Yes X NoTop Packer Depth 2264 Ft. Size 5 1/2 Bottom Packer Depth 2269 Ft. Size 5 1/2

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

Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 18 Ft. Size 4 1/2 OD Surface Choke Size 34 In. Bottom Choke Size 34 In.RECORDERS Depth 2280 Ft. Clock No. 9103 Depth 2283 Ft. Clock No. 6859Top Make Kuster Cap. 4200 No. 1558 Inside _____ Outside _____ Bottom Make Kuster Cap. 3150 No. 1564 Inside _____ Outside _____

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

Time Set Packer 5:48 AMTool Open I.F.P. From 5:50 AM to 6:12 AM - Hr. 30 Min. From (B) 10 11 P.S.I. To (C) 10 12 P.S.I.Tool Closed I.C.I.P. From 6:20 AM to 7:05 AM - Hr. 45 Min. (D) 724 P.S.I. To (E) 728 P.S.I.Tool Open F.F.P. From 7:05 AM to 7:35 AM - Hr. 30 Min. From (E) 2123 P.S.I. To (F) 2124 P.S.I.Tool Closed F.C.I.P. From 7:35 AM to 8:20 AM - Hr. 45 Min. (G) 663 P.S.I. To (H) 672 P.S.I.Initial Hydrostatic Pressure (A) 1163 P.S.I. Final Hydrostatic Pressure (H) 1163 P.S.I. Maximum Temp. 105

INFORMATION

BLOW Weak blow, and died in 10 minutes.Did Well Flow _____ Yes X No _____ Recovery Total Ft. 5' drilling mud.Reversed Out _____ Yes X No _____ Mud Type chem. Viscosity 34 Weight 9.6 Water Loss 12. cc. Chlorides 1400 PPMEXTRA EQUIPMENT: Type Circ. Sub. Pin. Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____Dual Packers yes Did Packers Hold? yes Did Tool Plug? _____ Where? _____DRILLING CONTRACTOR B+N Drilling Co. Length Drill Pipe 2126 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 123 ft. I.D. Drill Collars 2 In.Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 318 ft.Remarks Flushed opening

INVOICE SECTION

Open Hole Test	\$ <u>355.00</u>
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Misrun	\$ _____
Evaluation	\$ _____
Packer	\$ _____
Circ. Sub.	\$ _____
Total	\$ <u>355.00</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 Toby Elster
Signature of Customer or his
Authorized RepresentativeWestern Representative Roy Pendley
Operator's Time Thank You Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 5-8-76 Test Ticket No. 24371
 Recorder No. 1558 Capacity 4200 Location 2280 Ft.
 Clock No. 9103 Elevation 1240 AB Well Temperature 105 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1184 P.S.I. Open Tool 5148 A M
 B First Initial Flow Pressure 11 P.S.I. First Flow Pressure 30 Mins. 30 Mins.
 C First Final Flow Pressure 12 P.S.I. Initial Closed-in Pressure 45 Mins. 42 Mins.
 D Initial Closed-in Pressure 728 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 23 P.S.I. Final Closed-in Pressure 45 Mins. 42 Mins.
 F Second Final Flow Pressure 24 P.S.I.
 G Final Closed-in Pressure 672 P.S.I.
 H Final Hydrostatic Mud 1165 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>6</u> Inc.		Breakdown: <u>14</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 1.0	<u>11</u>	0	<u>12</u>	0	<u>23</u>	0	<u>24</u>
P 2.5	<u>7</u>	3	<u>17</u>	5	<u>23</u>	3	<u>29</u>
P 3.10	<u>6</u>	6	<u>25</u>	10	<u>24</u>	6	<u>42</u>
P 4.15	<u>6</u>	9	<u>43</u>	15	<u>24</u>	9	<u>73</u>
P 5.20	<u>flushed tool</u>	12	<u>88</u>	20	<u>24</u>	12	<u>124</u>
P 6.25	<u>13</u>	15	<u>177</u>	25	<u>24</u>	15	<u>198</u>
P 7.30	<u>12</u>	18	<u>286</u>	30	<u>24</u>	18	<u>287</u>
P 8.35		21	<u>396</u>	35		21	<u>369</u>
P 9.40		24	<u>487</u>	40		24	<u>446</u>
P 10.45		27	<u>564</u>	45		27	<u>500</u>
P 11.50		30	<u>623</u>	50		30	<u>548</u>
P 12.55		33	<u>664</u>	55		33	<u>589</u>
P 13.60		36	<u>691</u>	60		36	<u>623</u>
P 14		39	<u>718</u>	65		39	<u>655</u>
P 15		42	<u>728</u>	70		42	<u>672</u>
P 16		45		75		45	
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
WTC - 4		60				60	





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

Company A.J. Gorski Lease & Well No. Mills #1
Elevation 1240 Kelly Bushing Formation Oswego Effective Pay - Ft. Ticket No. 24371
Date 5-8-76 Sec. 21 Twp. 33S Range 8E County Cowley State Kansas
Test Approved by Toby Elster Western Representative Roy Pendlay
Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 2269' to 2287' Total Depth 2287'
Size Main Hole 6 1/4 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 2264 Ft. Size 5 1/2 Bottom Packer Depth 2269 Ft. Size 5 1/2
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 18 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2280 Ft. Clock No. 9103 Depth 2283 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1558 ☒ Inside ☐ Outside Bottom Make Kuster Cap. 3150 No. 1564 ☒ Inside ☐ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ☐ Inside ☐ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ☐ Inside ☐ Outside
Time Set Packer 5:48 A. M
Tool Open I.F.P. From 5:50A M. to 6:20A M. - Hr. 30 Min. From (B) 11 P.S.I. To (C) 12 P.S.I.
Tool Closed I.C.I.P. From 6:20AM to 7:05A M. - Hr. 45 Min (D) 728 P.S.I.
Tool Open F.F.P. From 7:05A M. to 7:35A M. - Hr. 30 Min. From (E) 23 P.S.I. To (F) 24 P.S.I.
Tool Closed F.C.I.P. From 7:35AM to 8:20A M. - Hr. 45 Min. (G) 672 P.S.I.
Initial Hydrostatic Pressure (A) 1184 P.S.I. Final Hydrostatic Pressure (H) 1165 P.S.I. Maximum Temp. 105

INFORMATION

BLOW Weak blow, died in 10 minutes.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 5' drilling mud.
Reversed Out ☐ Yes ☒ No Mud Type chem Viscosity 34 Weight 9.6 Water Loss 12 cc. Chlorides 1400 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 B & N Drilg. Co. Length Drill Pipe? 2126 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 123 Ft. I.D. Drill Collars 2 In.
Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 38 Ft.
Remarks: Flushed tool in first opening.

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

Date 5-8-76 Test Ticket No. 24371
Recorder No. 1558 Capacity 4200 Location 2280 Ft.
Clock No. 9103 Elevation 1240 Kelly Bushing Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1184</u> P.S.I.	Open Tool	<u>5:48 A.</u> M	
B First Initial Flow Pressure	<u>11</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>12</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>728</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>23</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>24</u> P.S.I.			
G Final Closed-in Pressure	<u>672</u> P.S.I.			
H Final Hydrostatic Mud	<u>1165</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>6</u> Inc.		Breakdown: <u>14</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>11</u>	<u>0</u>	<u>12</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>24</u>
P 2 <u>5</u>	<u>7</u>	<u>3</u>	<u>17</u>	<u>5</u>	<u>23</u>	<u>3</u>	<u>29</u>
P 3 <u>10</u>	<u>6</u>	<u>6</u>	<u>25</u>	<u>10</u>	<u>24</u>	<u>6</u>	<u>42</u>
P 4 <u>15</u>	<u>6</u>	<u>9</u>	<u>43</u>	<u>15</u>	<u>24</u>	<u>9</u>	<u>73</u>
P 5 <u>20</u>	<u>flushed tool</u>	<u>12</u>	<u>88</u>	<u>20</u>	<u>24</u>	<u>12</u>	<u>124</u>
P 6 <u>25</u>	<u>13</u>	<u>15</u>	<u>177</u>	<u>25</u>	<u>24</u>	<u>15</u>	<u>198</u>
P 7 <u>30</u>	<u>12</u>	<u>18</u>	<u>286</u>	<u>30</u>	<u>24</u>	<u>18</u>	<u>287</u>
P 8		<u>21</u>	<u>396</u>			<u>21</u>	<u>369</u>
P 9		<u>24</u>	<u>487</u>			<u>24</u>	<u>440</u>
P10		<u>27</u>	<u>564</u>			<u>27</u>	<u>500</u>
P11		<u>30</u>	<u>623</u>			<u>30</u>	<u>548</u>
P12		<u>33</u>	<u>664</u>			<u>33</u>	<u>589</u>
P13		<u>36</u>	<u>691</u>			<u>36</u>	<u>623</u>
P14		<u>39</u>	<u>718</u>			<u>39</u>	<u>655</u>
P15		<u>42</u>	<u>728</u>			<u>42</u>	<u>672</u>
P16							
P17							
P18							
P19							
P20							



P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET 24372

Formation Fort Scott Elevation 1240 KB Eff. Pay _____ Ft.

District Augusta Date 5-9-76 Customer Order No. _____

COMPANY NAME A. J. Gorski

ADDRESS 5217 West 29th Place, Chicago, Illinois 60650

LEASE AND WELL NO. Mills #1 COUNTY Cowley STATE Kansas Sec. 21 Twp. 33S Rge. 8E

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

Mail Charts To Send one chart to TORY Address ELSTER No. Copies Requested _____

Formation Test No. 3 O.K. X Misrun _____ Interval Tested From 2357' to 2440' Total Depth 2440'

Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. X Damaged _____ Yes X No Conv. X B.T. _____ Damaged _____ Yes X No

Top Packer Depth 2352 Ft. Size 5 1/2 Bottom Packer Depth 2357 Ft. Size 5 1/2

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

Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 83 Ft. Size 4 1/2 OD Surface Choke Size 34 In. Bottom Choke Size 34 In.

RECORDERS Depth 2366 Ft. Clock No. 9103 Inside _____ Outside _____ Depth 2369 Ft. Clock No. 6859 Inside _____ Outside _____

Top Make Kuster Cap. 4200 No. 1558 Inside _____ Outside _____ Bottom Make Kuster Cap. 3150 No. 1564 Inside _____ Outside _____

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

Time Set Packer 6:52 AM

Tool Open I.F.P. From 6:55 A to 7:55 A Hr. 60 Min. From (B) 11 P.S.I. To (C) 21 P.S.I.

Tool Closed I.C.I.P. From 7:55 A to 8:55 A Hr. 60 Min. (D) 849 P.S.I. To (E) 876 P.S.I.

Tool Open F.F.P. From 8:55 A to 9:55 A Hr. 60 Min. From (E) 42 P.S.I. To (F) 42 P.S.I.

Tool Closed F.C.I.P. From 9:55 A to 10:55 A Hr. 60 Min. (G) 828 P.S.I. To (H) 848 P.S.I.

Initial Hydrostatic Pressure (A) 1163 P.S.I. Final Hydrostatic Pressure (H) 1217 P.S.I. Maximum Temp. _____

INFORMATION

BLOW Weak blow throughout test

Did Well Flow _____ Yes X No _____ Recovery Total Ft. 32' drilling mud, 60' heavy drilling mud, 92' total fluid.

Reversed Out _____ Yes X No _____ Mud Type Chem Viscosity 49 Weight 9.6 Water Loss 12 cc. Chlorides 1400 PPM

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

Dual Packers yes Did Packers Hold? yes Did Tool Plug? _____ Where? _____

DRILLING CONTRACTOR B+N RIG 6 Length Drill Pipe 2285 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 62 ft. I.D. Drill Collars 2 In.

Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 103 ft.

Remarks Read outside #1564

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.

INVOICE SECTION

Open Hole Test	\$ <u>355</u>
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Misrun	\$ _____
Evaluation	\$ _____
Packer	\$ _____
Circ. Sub.	\$ _____
Total	\$ <u>355</u>

Test Approved By Tory Elster Western Representative Roy Pendley
Signature of Customer or his Authorized Representative Operator's Time Thank You Hrs. _____

WESTERN TESTING CO., INC.

Pressure Data

Date 5-9-76 Test Ticket No. 24372
 Recorder No. 1564 Capacity 3150 Location 2369 Ft.
 Block No. 6859 Elevation 1246 AB Well Temperature — °F
 Point Pressure Time Given Time Computed
 Initial Hydrostatic Mud 1230 P.S.I. Open Tool 6:52 A M.
 First Initial Flow Pressure 11 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 First Final Flow Pressure 42 P.S.I. Initial Closed-in Pressure 60 Mins. 59 Mins.
 Initial Closed-in Pressure 876 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 Second Initial Flow Pressure 74 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.
 Second Final Flow Pressure 68 P.S.I.
 Final Closed-in Pressure 848 P.S.I.
 Final Hydrostatic Mud ~~1242~~ 1212 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>19</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 0	<u>11</u>	0	<u>42</u>	0	<u>74</u>	0	<u>68</u>
P 2 5	<u>16</u>	3	<u>168</u>	5	<u>65</u>	3	<u>157</u>
P 3 10	<u>19</u>	6	<u>367</u>	10	<u>65</u>	6	<u>229</u>
P 4 15	<u>22</u>	9	<u>525</u>	15	<u>65</u>	9	<u>392</u>
P 5 20	<u>23</u>	12	<u>619</u>	20	<u>65</u>	12	<u>541</u>
P 6 25	<u>28</u>	15	<u>679</u>	25	<u>65</u>	15	<u>615</u>
P 7 30	<u>31</u>	18	<u>722</u>	30	<u>65</u>	18	<u>673</u>
P 8 35	<u>33</u>	21	<u>754</u>	35	<u>66</u>	21	<u>706</u>
P 9 40	<u>35</u>	24	<u>778</u>	40	<u>66</u>	24	<u>736</u>
P10 45	<u>37</u>	27	<u>796</u>	45	<u>67</u>	27	<u>768</u>
P11 50	<u>39</u>	30	<u>809</u>	50	<u>67</u>	30	<u>773</u>
P12 55	<u>40</u>	33	<u>822</u>	55	<u>68</u>	33	<u>788</u>
P13 60	<u>42</u>	36	<u>831</u>	60	<u>68</u>	36	<u>800</u>
P14		39	<u>840</u>	65		39	<u>812</u>
P15		42	<u>848</u>	70		42	<u>818</u>
P16		45	<u>854</u>	75		45	<u>825</u>
P17		48	<u>859</u>	80		48	<u>833</u>
P18		51	<u>865</u>	85		51	<u>840</u>
P19		54	<u>870</u>	90		54	<u>843</u>
P20		57	<u>874</u>			57	<u>846</u>
		60	<u>876</u>			60	<u>848</u>

WTC - 4

111# 24372

0

H

G

D

A

F

E

C

B



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

Company A.J. Gorski Lease & Well No. Mills #1
Elevation 1240 Kelly Bushing Formation Fort Scott Effective Pay - Ft. Ticket No. 24372
Date 5-9-76 Sec. 21 Twp. 33S Range 8E County Cowley State Kansas
Test Approved by Toby Elster Western Representative Roy Pendlay
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 2357' to 2440' Total Depth 2440'
Size Main Hole 6 1/4 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 2352 Ft. Size 5 1/2 Bottom Packer Depth 2357 Ft. Size 5 1/2
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 83 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2366 Ft. Clock No. 9103 Depth 2369 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside Bottom Make Kuster Cap. 3150 No. 1564 ~~Inside~~ Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ ~~Inside~~ Outside
Time Set Packer 6:52 A. M
Tool Open I.F.P. From 6:55A M. to 7:55A M. - Hr. 3 60 Min. From (B) 11 P.S.I. To (C) 42 P.S.I.
Tool Closed I.C.I.P. From 7:55A M. to 8:55A M. - Hr. 60 Min (D) 876 P.S.I.
Tool Open F.F.P. From 8:55A M. to 9:55A M. - Hr. 60 Min. From (E) 74 P.S.I. To (F) 68 P.S.I.
Tool Closed F.C.I.P. From 9:55A M. to 10:55A M. - Hr. 60 Min. (G) 848 P.S.I.
Initial Hydrostatic Pressure (A) 1203 P.S.I. Final Hydrostatic Pressure (H) 1212 P.S.I. Maximum Temp. -

INFORMATION

BLOW Weak blow throughout test.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 32' drilling mud. 60' heavy drilling mud.
92' total fluid recovery.
Reversed Out ☐ Yes ☒ No Mud Type chem Viscosity 49 Weight 9.6 Water Loss 12. cc. Chlorides 1400 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 B & N Drlg. Co. Length Drill Pipe? 2285 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 62 Ft. I.D. Drill Collars 2 In.
Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 103 Ft.
Remarks: Read outside recorder.

WESTERN TESTING CO., INC.

Pressure Data

Date 5-9-76 Test Ticket No. 24372
 Recorder No. 1564 Capacity 3150 Location 2369 Ft.
 Clock No. 6859 Elevation 1240 Kelly Bushing Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1230</u> P.S.I.	Open Tool	<u>6:52 A.M.</u>	
B First Initial Flow Pressure	<u>11</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>42</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>59</u> Mins.
D Initial Closed-in Pressure	<u>876</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>68</u> P.S.I.			
G Final Closed-in Pressure	<u>848</u> P.S.I.			
H Final Hydrostatic Mud	<u>1212</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>19</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>2</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>11</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>68</u>
P 2 <u>5</u>	<u>16</u>	<u>3</u>	<u>168</u>	<u>5</u>	<u>65</u>	<u>3</u>	<u>157</u>
P 3 <u>10</u>	<u>19</u>	<u>6</u>	<u>367</u>	<u>10</u>	<u>65</u>	<u>6</u>	<u>229</u>
P 4 <u>15</u>	<u>22</u>	<u>9</u>	<u>525</u>	<u>15</u>	<u>65</u>	<u>9</u>	<u>392</u>
P 5 <u>20</u>	<u>23</u>	<u>12</u>	<u>619</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>541</u>
P 6 <u>25</u>	<u>28</u>	<u>15</u>	<u>679</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>615</u>
P 7 <u>30</u>	<u>31</u>	<u>18</u>	<u>722</u>	<u>30</u>	<u>65</u>	<u>18</u>	<u>673</u>
P 8 <u>35</u>	<u>33</u>	<u>21</u>	<u>754</u>	<u>35</u>	<u>66</u>	<u>21</u>	<u>706</u>
P 9 <u>40</u>	<u>35</u>	<u>24</u>	<u>778</u>	<u>40</u>	<u>66</u>	<u>24</u>	<u>736</u>
P10 <u>45</u>	<u>37</u>	<u>27</u>	<u>796</u>	<u>45</u>	<u>67</u>	<u>27</u>	<u>768</u>
P11 <u>50</u>	<u>39</u>	<u>30</u>	<u>809</u>	<u>50</u>	<u>67</u>	<u>30</u>	<u>773</u>
P12 <u>55</u>	<u>40</u>	<u>33</u>	<u>822</u>	<u>55</u>	<u>68</u>	<u>33</u>	<u>788</u>
P13 <u>60</u>	<u>42</u>	<u>36</u>	<u>831</u>	<u>60</u>	<u>68</u>	<u>36</u>	<u>800</u>
P14		<u>39</u>	<u>840</u>			<u>39</u>	<u>812</u>
P15		<u>42</u>	<u>848</u>			<u>42</u>	<u>818</u>
P16		<u>45</u>	<u>854</u>			<u>45</u>	<u>825</u>
P17		<u>48</u>	<u>859</u>			<u>48</u>	<u>833</u>
P18		<u>51</u>	<u>865</u>			<u>51</u>	<u>840</u>
P19		<u>54</u>	<u>870</u>			<u>54</u>	<u>843</u>
P20		<u>57</u>	<u>874</u>			<u>57</u>	<u>846</u>
		<u>59</u>	<u>876</u>			<u>60</u>	<u>848</u>



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

24373

P. O. BOX 793

PHONE 793-7903

GREAT BEND, KANSAS

Formation Miss. Elevation 1240 KB Eff. Pay _____ Ft.District Augusta Date 5-11-76 Customer Order No. _____COMPANY NAME A. J. Gorski ChicagoADDRESS 5217 West 29th place, Chicago, Illinois, 60650LEASE AND WELL NO. Wells #1 COUNTY Cowley STATE Kan. Sec. 21 Twp. 33S Rge. 8EMail Inv. To same Co. Name _____ Address _____ No. Copies Requested 1Mail Charts To send one chart to TOBY ELSTER Address _____ No. Copies Requested 5Formation Test No. 4 O.K. X Misrun - Interval Tested From 2740' to 2760' Total Depth 2760'Size Main Hole 6 1/2 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X NoTop Packer Depth 2735 Ft. Size 5 1/2 Bottom Packer Depth 2740 Ft. Size 5 1/2Straddle - Conv. - B.T. - Damaged - Yes - No - Packer Depth - Ft. Size -Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 20 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.RECORDERS Depth 2753 Ft. Clock No. 9103 Depth 2756 Ft. Clock No. 6859Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Kuster Cap. 3150 No. 1564 Inside OutsideBelow Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside OutsideTime Set Packer 6:13 AMTool Open I.F.P. From 6:15A M. to 6:45A M. - Hr. 30 Min. From (B) 0 21 P.S.I. To (C) 0 37 P.S.I.Tool Closed I.C.I.P. From 6:45A M. to 7:15A M. - Hr. 30 Min. (D) 807 918 P.S.I.Tool Open F.F.P. From 7:15A M. to 7:45A M. - Hr. 30 Min. From (E) 21 52 P.S.I. To (F) 21 48 P.S.I.Tool Closed F.C.I.P. From 7:45A M. to 8:15A M. - Hr. 30 Min. (G) 495 514 P.S.I.Initial Hydrostatic Pressure (A) 1382 P.S.I. Final Hydrostatic Pressure (H) 1382 P.S.I. Maximum Temp. 115

INFORMATION

BLOW Weak blow, and died 13 minutes.Did Well Flow Yes X No Recovery Total Ft. 31' mud with oil specs.Reversed Out - Yes X No - Mud Type Chem Viscosity 39 Weight 9.5 Water Loss 14.9 cc. Chlorides 1600 PPMEXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -Dual Packers yes Did Packers Hold? yes Did Tool Plug? - Where? -DRILLING CONTRACTOR B & A Drilling Co. Length Drill Pipe 2596 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 124 ft. I.D. Drill Collars 2 In.Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 40 ft.Remarks Flushed tool first open.

INVOICE SECTION

Open Hole Test	\$ <u>355.00</u>
Straddle Test	\$ <u>-</u>
Jars	\$ <u>-</u>
Selective Zone	\$ <u>-</u>
Safety Joint	\$ <u>-</u>
Misrun	\$ <u>-</u>
Evaluation	\$ <u>-</u>
Packer	\$ <u>-</u>
Circ. Sub.	\$ <u>-</u>
Total	\$ <u>355.00</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 Toby Elster
Signature of Customer or his
Authorized RepresentativeWestern Representative Roy Bendley
Operator's Time Thank You Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 5-11-76 Test Ticket No. 24373

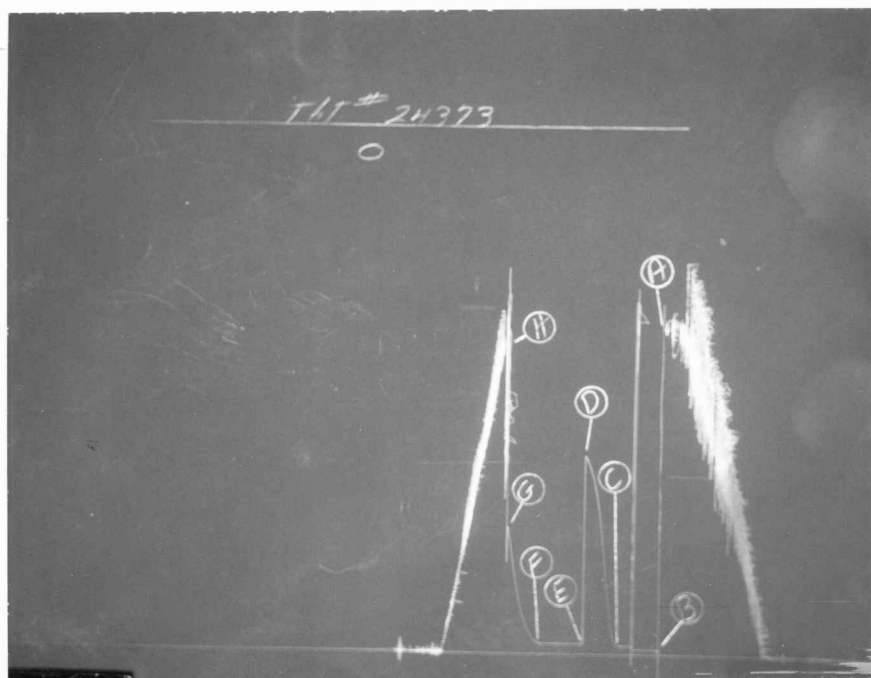
Recorder No. 1564 Capacity 3150 Location 2756 Ft.

Block No. 6859 Elevation 1240 HB Well Temperature 115 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1378</u> P.S.I.	<u>6:13 A</u> M.	
B First Initial Flow Pressure	<u>21</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>37</u> P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>918</u> P.S.I.	<u>30</u> Mins.	<u>35</u> Mins.
E Second Initial Flow Pressure	<u>52</u> P.S.I.	<u>30</u> Mins.	<u>24</u> Mins.
F Second Final Flow Pressure	<u>48</u> P.S.I.		
G Final Closed-in Pressure	<u>514</u> P.S.I.		
H Final Hydrostatic Mud	<u>1322</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>7</u> Inc.		Breakdown: <u>8</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>02</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 0	<u>21</u>	0	<u>37</u>	0	<u>52</u>	0	<u>48</u>
P 2 5	<u>21</u>	3	<u>47</u>	5	<u>44</u>	3	<u>59</u>
P 3 10	<u>22</u>	6	<u>84</u>	10	<u>44</u>	6	<u>87</u>
P 4 15	<u>22</u>	9	<u>197</u>	15	<u>44</u>	9	<u>119</u>
P 5 20 <i>flushed tool</i>		12	<u>353</u>	20	<u>45</u>	12	<u>164</u>
P 6 25	<u>36</u>	15	<u>502</u>	25	<u>45</u>	15	<u>236</u>
P 7 30	<u>37</u>	18	<u>625</u>	30	<u>45</u>	18	<u>321</u>
P 8 35		21	<u>717</u>	35	<u>48</u>	21	<u>411</u>
P 9 40		24	<u>779</u>	40		24	<u>514</u>
P 10 45		27	<u>821</u>	45		27	
P 11 50		<u>3029</u>	<u>918</u>	50		30	
P 12 55		33		55		33	
P 13 60		36		60		36	
P 14		39		65		39	
P 15		42		70		42	
P 16		45		75		45	
P 17		48		80		48	
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
WTC - 4		60				60	





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

Company A.J. Gorski Lease & Well No. Mills #1
Elevation 1240 Kelly Bushing Formation Mississippi Effective Pay - - - Ft. Ticket No. 24373
Date 5-11-76 Sec. 21 Twp. 33S Range 8E County Cowley State Kansas
Test Approved by Toby Elster Western Representative Roy Pendlay
Formation Test No. 4 O.K. X Misrun - Interval Tested From 2740' to 2760' Total Depth 2760'
Size Main Hole 6 1/4 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Top Packer Depth 2735 Ft. Size 5 1/2 Bottom Packer Depth 2740 Ft. Size 5 1/2
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 20 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2753 Ft. Clock No. 9103 Depth 2756 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside Bottom Make Kuster Cap. 3150 No. 1564 ~~Inside~~ Outside
Below Straddle: Depth - Rec. No. - Clock No. - ~~Inside~~ Outside Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ Outside
Time Set Packer 6:13 A.M.
Tool Open I.F.P. From 6:15 A.M. to 6:45 A.M. - Hr. 30 Min. From (B) 21 P.S.I. To (C) 37 P.S.I.
Tool Closed I.C.I.P. From 6:45 A.M. to 7:15 A.M. - Hr. 30 Min. (D) 918 P.S.I.
Tool Open F.F.P. From 7:15 A.M. to 7:45 A.M. - Hr. 30 Min. From (E) 52 P.S.I. To (F) 48 P.S.I.
Tool Closed F.C.I.P. From 7:45 A.M. to 8:15 A.M. - Hr. 30 Min. (G) 514 P.S.I.
Initial Hydrostatic Pressure (A) 1378 P.S.I. Final Hydrostatic Pressure (H) 1322 P.S.I. Maximum Temp. 115

INFORMATION

BLOW Weak blow, died in 13 minutes.
Did Well Flow - Yes X No Recovery Total Ft. 31' mud with oil specks.
Reversed Out - Yes X No Mud Type chem Viscosity 39 Weight 9.5 Water Loss 14.4 cc. Chlorides 1600 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 B & N Drilg. Co. Length Drill Pipe? 2596 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 124 Ft. I.D. Drill Collars 2 In.
Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 40 Ft.
Remarks: Flushed tool in initial flow period.

WESTERN TESTING CO., INC.

Pressure Data

Date 5-11-76

Test Ticket No. 24373

Recorder No. 1564

Capacity 3150

Location 2756 Ft.

Clock No. 6859

Elevation 1240 Kelly Bushing

Well Temperature 115 °F

Point

Pressure

Time Given

Time Computed

A Initial Hydrostatic Mud 1378 P.S.I.
 B First Initial Flow Pressure 21 P.S.I.
 C First Final Flow Pressure 37 P.S.I.
 D Initial Closed-in Pressure 918 P.S.I.
 E Second Initial Flow Pressure 52 P.S.I.
 F Second Final Flow Pressure 48 P.S.I.
 G Final Closed-in Pressure 514 P.S.I.
 H Final Hydrostatic Mud 1322 P.S.I.

Open Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

6:13 A. M
 30 Mins. 30 Mins.
 30 Mins. 29 Mins.
 30 Mins. 35 Mins.
 30 Mins. 24 Mins.

PRESSURE BREAKDOWN

First Flow Pressure

Breakdown: 6 Inc.

of 5 mins. and a

final inc. of 0 Min.

Initial Shut-In

Breakdown: 9 Inc.

of 3 mins. and a

final inc. of 0 Min.

Second Flow Pressure

Breakdown: 7 Inc.

of 5 mins. and a

final inc. of 0 Min.

Final Shut-In

Breakdown: 8 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>21</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>52</u>	<u>0</u>	<u>48</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>47</u>	<u>5</u>	<u>44</u>	<u>3</u>	<u>49</u>
P 3 <u>10</u>	<u>22</u>	<u>6</u>	<u>84</u>	<u>10</u>	<u>44</u>	<u>6</u>	<u>86</u>
P 4 <u>15</u>	<u>22</u>	<u>9</u>	<u>197</u>	<u>15</u>	<u>44</u>	<u>9</u>	<u>119</u>
P 5 <u>20</u> flushed tool		<u>12</u>	<u>353</u>	<u>20</u>	<u>45</u>	<u>12</u>	<u>164</u>
P 6 <u>25</u>	<u>36</u>	<u>15</u>	<u>502</u>	<u>25</u>	<u>45</u>	<u>15</u>	<u>236</u>
P 7 <u>30</u>	<u>37</u>	<u>18</u>	<u>625</u>	<u>30</u>	<u>45</u>	<u>18</u>	<u>321</u>
P 8		<u>21</u>	<u>717</u>	<u>35</u>	<u>48</u>	<u>21</u>	<u>411</u>
P 9		<u>24</u>	<u>779</u>			<u>24</u>	<u>514</u>
P10		<u>27</u>	<u>821</u>				
P11		<u>29</u>	<u>918</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							