



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

WESTERN TESTING CO., INC.
FORMATION TESTING

Ticket 22474
Formation Tokro Elevation 1797 15B Eff. Pay _____ Ft.

District Pratt Date 3-11-77 Customer Order No. _____
COMPANY NAME Gear Pet. Co. 1325 Vickers - KSB + T Bldg.
ADDRESS Wichita Kansas 67202
WELL NO. #1 T Hem COUNTY Barber STATE Kansas Sec. 14 Twp. 30S Rge. 12W
Oil Inv. To same Co. Name _____ Address _____ No. Copies Requested 5000
Oil Charts To same Address _____ No. Copies Requested 5000

Formation Test No. #1 O.K. Misrun Interval Tested From 2835 to 2965 Total Depth 2965
Main Hole 2 3/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Packer Depth 2830 Ft. Size 6 3/4 Bottom Packer Depth 2835 Ft. Size 6 3/4
Gauge Conv. B.T. Damaged Yes No Packer Depth _____ Ft. Size _____
Tool Joint Size 5 1/2 OD Tool Joint Size 4 1/2 FIT Anchor Length 130 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

CORDERS Depth 2845 Ft. Clock No. 4763 Depth 2848 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 2604 Inside _____ Outside _____
Bottom Make Kuster Cap. 4000 No. 3660 Inside _____ Outside _____
Low Straddle: Depth _____ Rec. No. _____ Clock No. _____ Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside _____ Outside _____

Time Set Packer 12:54 A
Time of Open I.F.P. From 1:00 A.M. to 1:30 A.M. Hr. 30 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.
Time of Closed I.C.I.P. From 1:30 A.M. to 2:00 A.M. Hr. 30 Min. (D) 117 P.S.I.
Time of Open F.F.P. From 2:00 A.M. to 2:45 A.M. Hr. 45 Min. From (E) 21 P.S.I. To (F) 31 P.S.I.
Time of Closed F.C.I.P. From 2:45 A.M. to 3:30 A.M. Hr. 45 Min. (G) 143 P.S.I.
Initial Hydrostatic Pressure (A) 1443 P.S.I. Final Hydrostatic Pressure (H) 1443 P.S.I. Maximum Temp. 100

INFORMATION

Flow Fair blow drilled to good blow
Well Flow Yes No Recovery Total Ft. 60 ft very little slightly cut drilling mud

Reversed Out Yes No Mud Type starch Viscosity 38 Weight 9.5 Water Loss 12.4 cc. Chlorides 46000 P.P.M
EXTRA EQUIPMENT: Type Circ. Sub pin Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____
Tool Jars yes Did Packers Hold? yes Did Tool Plug? no Where? _____
DRILLING CONTRACTOR Pied Tiger Drilling Co. Length Drill Pipe 2914 ft. I.D. Drill Pipe 2.9 In. Tool Joint Size 4 1/2 FIT
Length Weight Pipe 997 ft. I.D. Weight Pipe 2.9 In. Tool Joint Size 4 1/2 FIT In. Length Drill Collars _____ ft. I.D. Drill Collars _____ In.
Tool Joint Size _____ In. Length D.S.T. Tool 54 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.

INVOICE SECTION	
Open Hole Test	\$ 380.00
Straddle Test	\$
Jars	\$
Selective Zone	\$
Safety Joint	\$
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 380.00

Test Approved By Benton S. Brooks, Jr. Western Representative Lennie J. Clinch
Signature of Customer or his Authorized Representative Benton S. Brooks, Jr. Operator's Time _____ Hrs. 5

WESTERN TESTING CO., INC.
Pressure Data

Date 3-11-77 Test Ticket No. 22474
 Recorder No. 2604 Capacity 4150 Location 2845 Ft.
 Clock No. 4763 Elevation 1797 Kelly Bushing Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1459</u> P.S.I.	Open Tool	<u>12:54A</u> M	
B. First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C. First Final Flow Pressure	<u>24</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D. Initial Closed-in Pressure	<u>117</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E. Second Initial Flow Pressure	<u>30</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>54</u> Mins.
F. Second Final Flow Pressure	<u>31</u> P.S.I.			
G. Final Closed-in Pressure	<u>143</u> P.S.I.			
H. Final Hydrostatic Mud	1416 <u>1416</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>18</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>21</u>	<u>0</u>	<u>24</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>31</u>
P 2	<u>20</u>	<u>3</u>	<u>29</u>	<u>5</u>	<u>29</u>	<u>3</u>	<u>36</u>
P 3	<u>21</u>	<u>6</u>	<u>39</u>	<u>10</u>	<u>29</u>	<u>6</u>	<u>45</u>
P 4	<u>22</u>	<u>9</u>	<u>51</u>	<u>15</u>	<u>29</u>	<u>9</u>	<u>50</u>
P 5	<u>23</u>	<u>12</u>	<u>62</u>	<u>20</u>	<u>30</u>	<u>12</u>	<u>56</u>
P 6	<u>24</u>	<u>15</u>	<u>71</u>	<u>25</u>	<u>30</u>	<u>15</u>	<u>63</u>
P 7	<u>24</u>	<u>18</u>	<u>81</u>	<u>30</u>	<u>30</u>	<u>18</u>	<u>69</u>
P 8		<u>21</u>	<u>89</u>	<u>35</u>	<u>31</u>	<u>21</u>	<u>76</u>
P 9		<u>24</u>	<u>100</u>	<u>40</u>	<u>31</u>	<u>24</u>	<u>82</u>
P10		<u>27</u>	<u>108</u>	<u>45</u>	<u>31</u>	<u>27</u>	<u>86</u>
P11		<u>30</u>	<u>117</u>	<u>50</u>		<u>30</u>	<u>93</u>
P12		<u>33</u>		<u>55</u>		<u>33</u>	<u>99</u>
P13		<u>36</u>		<u>60</u>		<u>36</u>	<u>107</u>
P14		<u>39</u>		<u>65</u>		<u>39</u>	<u>113</u>
P15		<u>42</u>		<u>70</u>		<u>42</u>	<u>118</u>
P16		<u>45</u>		<u>75</u>		<u>45</u>	<u>125</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	<u>131</u>
P18		<u>51</u>		<u>85</u>		<u>51</u>	<u>136</u>
P19		<u>54</u>		<u>90</u>		<u>54</u>	<u>143</u>
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

Ticket # 22474

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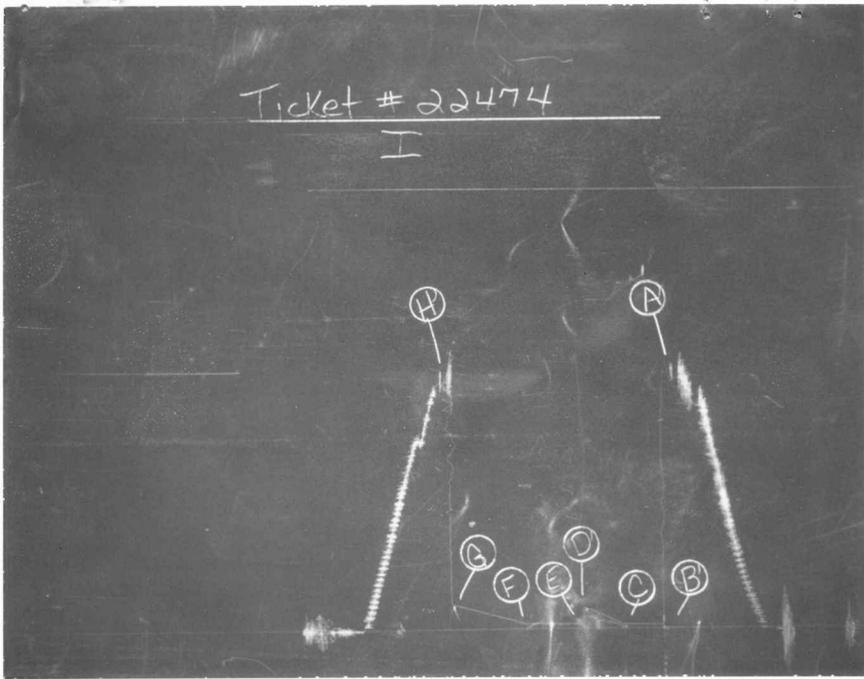
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F

E

C

B





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

Company Gear Petroleum Co. Lease & Well No. Thom #1
Elevation 1797 Kelly Bushing Formation Tarkio Effective Pay - Ft. Ticket No. 22474
Date 3-11-77 Sec. 14 Twp. 30S Range 12W County Barber State Kansas
Test Approved by Benton S. Brooks, Jr. Western Representative Lonnie J. Cline
Formation Test No. 1 O.K. Misrun Interval Tested From 2835' to 2965' Total Depth 2965'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 2830 Ft. Size 6 3/4 Bottom Packer Depth 2835 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 130 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2845 Ft. Clock No. 4763 Depth 2848 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 2604 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 12:54 A M
Tool Open I.F.P. From 1:00 A M. to 1:30 A M. - Hr. 30 Min. From (B) 21 P.S.I. To (C) 24 P.S.
Tool Closed I.C.I.P. From 1:30 M. to 2:00 A M. - Hr. 30 Min (D) 117 P.S.
Tool Open F.F.P. From 2:00 A M. to 2:45 A M. - Hr. 45 Min. From (E) 30 P.S.I. To (F) 31 P.S.
Tool Closed F.C.I.P. From 2:45 M. to 3:30 A M. - Hr. 45 Min. (G) 143 P.S.
Initial Hydrostatic Pressure (A) 1459 P.S.I. Final Hydrostatic Pressure (H) 1416 P.S.I. Maximum Temp. 100

INFORMATION

BLOW Fair blow building to a good blow.

Did Well Flow - Yes No Recovery Total Fr. 60' very slightly gas cut drilling mud.

Reversed Out - Yes No Mud Type starch Viscosity 38 Weight 9.5 Water Loss 12.4 cc. Chlorides 46,000 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 Red Tiger Drlg. Co. Length Drill Pipe? 1914 Ft. I.D. Drill Pipe 3.9 In. Tool Joint Size 4 1/2 FH I.

Length Weight Pipe 997 Ft. I.D. Weight Pipe 2.9 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - I.

Tool Joint Size - In. Length D.S.T. Tool 54 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-11-77 Test Ticket No. 22474
 Order No. 2604 Capacity 4150 Location 2845 Ft.
 Check No. 4763 Elevation 1797 Kelly Bushing Well Temperature 100 °F

Description	Pressure	P.S.I.	Tool	Time Given	Time Computed
Initial Hydrostatic Mud	1459	P.S.I.	Open Tool	12:54 AM	
First Initial Flow Pressure	21	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
First Final Flow Pressure	24	P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	117	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
Second Initial Flow Pressure	30	P.S.I.	Final Closed-in Pressure	45 Mins.	54 Mins.
Second Final Flow Pressure	31	P.S.I.			
Final Closed-in Pressure	143	P.S.I.			
Final Hydrostatic Mud	1416	P.S.I.			

PRESSURE BREAKDOWN

Time	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown	Inc.	Breakdown	Inc.	Breakdown	Inc.	Breakdown	Inc.
0	6		10		9		18	
5	5		3		5		3	
0	0		0		0		0	
1	21		0	24	0	30	0	31
2	20		3	29	5	29	3	36
3	21		6	39	10	29	6	45
4	22		9	51	15	29	9	50
5	23		12	62	20	30	12	56
6	24		15	71	25	30	15	63
7	24		18	81	30	30	18	69
8			21	89	35	31	21	76
9			24	100	40	31	24	82
0			27	108	45	31	27	86
1			30	117			30	93
2							33	99
3							36	107
4							39	113
5							42	118
6							45	125
7							48	131
8							51	136
9							54	143



WESTERN TESTING CO., INC.
FORMATION TESTING

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

TICKET 25651

Formation Douglas Elevation 1797 KB Eff. Pay _____ Ft.

*6 white
1 orange*

District Pratt Date 3-14-77 Customer Order No. _____
COMPANY NAME Gear Pet. Co. 1325 Vickers RSB&T Bldg.
ADDRESS Wichita Kansas 67202
LEASE AND WELL NO. #1 Thom COUNTY Barber STATE Kansas Sec. 14 Twp. 30S Rge. 12W
Mail Inv. To _____ Co. Name same Address _____ No. Copies Requested usual
Mail Charts To _____ Address _____ No. Copies Requested usual

Formation Test No. #2 O.K. Misrun _____ Interval Tested From 3700 to 3745 Total Depth 3745
Size Main Hole 7 7/8 Rat Hole _____ Conv. B.T. _____ Damaged Yes No Conv. B.T. _____ Damaged Yes No
Top Packer Depth 3695 Ft. Size 6 7/4 Bottom Packer Depth 3700 Ft. Size 6 7/4
Straddle _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____
Tool Size 5 1/2 00 Tool Joint Size 4 1/2 FH Anchor Length 45 Ft. Size 5 1/2 00 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3715 Ft. Clock No. 4763 Depth 3718 Ft. Clock No. 6866
Top Make Kuster Cap. 4150 No. 2604 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Depth _____ Ft. Rec. No. _____ Clock No. _____

Time Set Packer 7:42 AM
Tool Open I.F.P. From 7:45 AM to 8:15 AM Hr. 30 Min. From (B) 111 66 P.S.I. To (C) 172 P.S.I.
Tool Closed I.C.I.P. From 8:15 AM to 8:45 AM Hr. 30 Min. (D) 1303 1353 P.S.I.
Tool Open F.F.P. From 8:45 AM to 9:30 AM Hr. 45 Min. From (E) 293 P.S.I. To (F) 455 515 P.S.I.
Tool Closed F.C.I.P. From 9:30 AM to 10:15 AM Hr. 45 Min. (G) 1303 1359 P.S.I.
Initial Hydrostatic Pressure (A) 1807 P.S.I. Final Hydrostatic Pressure (H) 1907 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Strong blow throughout test

Did Well Flow Yes No _____ Recovery Total Ft. 992 ft. 191 ft. gas cut mud 124 ft. gas cut watery mud. 186 ft. gas cut muddy water 496 ft. water

Reversed Out Yes No _____ Mud Type Starch Viscosity 39 Weight 9.6 Water Loss 20.4 cc. Chlorides 56,000

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____
Dual Packers yes Did Packers Hold? yes Did Tool Plug? no Where? _____

DRILLING CONTRACTOR Red Tiger Drilling Co. Length Drill Pipe 2682 ft. I.D. Drill Pipe 39 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe 997 ft. I.D. Weight Pipe 2.4 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 66 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.

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

Test Approved By Benton S. Benesh Western Representative Lennie J. Clark
Signature of Customer or his Authorized Representative Operator's Time J. Rank Hrs.

WESTERN TESTING CO., INC.

Pressure Data

Date 3-14-77 Test Ticket No. 25651
 Recorder No. 2604 Capacity H150 Location 3715 Ft.
 Clock No. 4763 Elevation 1797A13 Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1912</u> P.S.I.	Open Tool	<u>7:42</u> A M	
B First Initial Flow Pressure	<u>66</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>249</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1353</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>50</u> Mins.
E Second Initial Flow Pressure	<u>271</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>515</u> P.S.I.			
G Final Closed-in Pressure	<u>1359</u> P.S.I.			
H Final Hydrostatic Mud	<u>1872</u> P.S.I.			

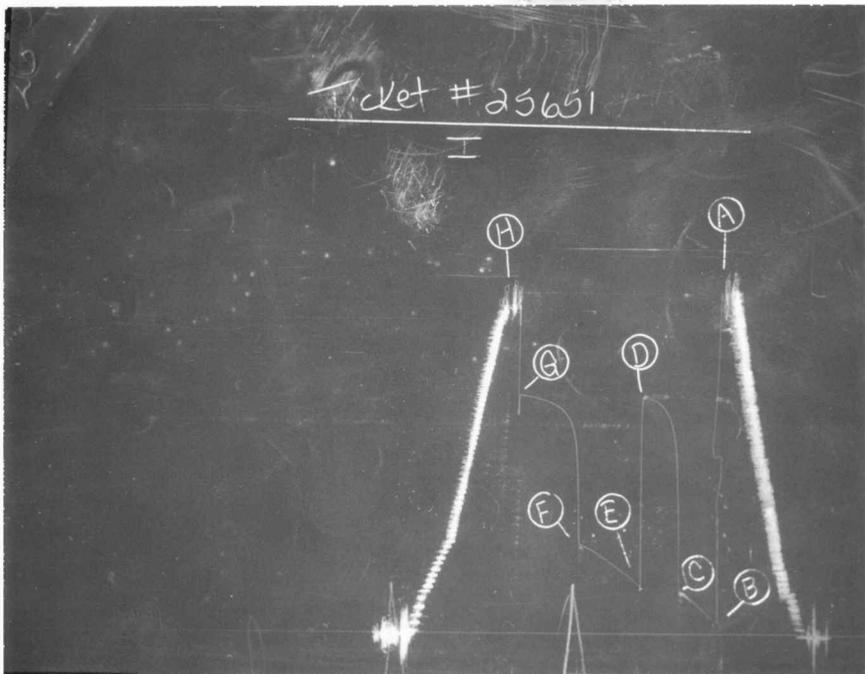
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>10</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>66</u>	0	<u>249</u>	0	<u>271</u>	0	<u>515</u>
P 2 5	<u>90</u>	3	<u>653</u>	5	<u>303</u>	3	<u>971</u>
P 3 10	<u>124</u>	6	<u>1019</u>	10	<u>332</u>	6	<u>1153</u>
P 4 15	<u>160</u>	9	<u>1164</u>	15	<u>361</u>	9	<u>1217</u>
P 5 20	<u>193</u>	12	<u>1238</u>	20	<u>389</u>	12	<u>1253</u>
P 6 25	<u>228</u>	15	<u>1280</u>	25	<u>414</u>	15	<u>1276</u>
P 7 30	<u>249</u>	18	<u>1305</u>	30	<u>441</u>	18	<u>1293</u>
P 8 35		21	<u>1322</u>	35	<u>466</u>	21	<u>1306</u>
P 9 40		24	<u>1333</u>	40	<u>487</u>	24	<u>1319</u>
P10 45		27	<u>1344</u>	45	<u>505</u>	27	<u>1326</u>
P11 50		30	<u>1353</u>	50	<u>515</u>	30	<u>1333</u>
P12 55		<u>33</u>		<u>55</u>		33	<u>1341</u>
P13 60		<u>36</u>		<u>60</u>		36	<u>1346</u>
P14		<u>39</u>		<u>65</u>		39	<u>1351</u>
P15		<u>42</u>		<u>70</u>		42	<u>1355</u>
P16		<u>45</u>		<u>75</u>		45	<u>1359</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		54	
P20		<u>57</u>				57	
		<u>60</u>				60	

cket #25651

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

Company Gear Petroleum Co. Lease & Well No. Thom #1
 Elevation 1797 Kelly Bushing Formation Douglas Effective Pay - Ft. Ticket No. 25651
 Date 3-14-77 Sec. 14 Twp. 30S Range 12W County Barber State Kansas
 Test Approved by Benton S. Brooks, Jr. Western Representative Lonnie J. Cline
 Formation Test No. 2 O.K. Misrun Interval Tested From 3700' to 3745' Total Depth 3745'
 Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 3695 Ft. Size 6 3/4 Bottom Packer Depth 3700 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 45 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 3715 Ft. Clock No. 4763 Depth 3718 Ft. Clock No. 6866
 Top Make Kuster Cap. 4150 No. 2604 ~~Inside~~ Outside Bottom Make Kuster Cap. 4000 No. 3660 ~~Inside~~ Outside
 Below Straddle: Depth - Rec. No. - Clock No. - ~~Inside~~ Outside Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ Outside
 Time Set Packer 7:42 A M
 Tool Open I.F.P. From 7:45 A.M. to 8:15 A.M. - Hr. 30 Min. From (B) 66 P.S.I. To (C) 249 P.S.I.
 Tool Closed I.C.I.P. From 8:15 A.M. to 8:45 A.M. - Hr. 30 Min (D) 1353 P.S.I.
 Tool Open F.F.P. From 8:45 A.M. to 9:30 A.M. - Hr. 45 Min. From (E) 271 P.S.I. To (F) 515 P.S.I.
 Tool Closed F.C.I.P. From 9:30 M. to 10:15 M. - Hr. 45 Min. (G) 1359 P.S.I.
 Initial Hydrostatic Pressure (A) 1912 P.S.I. Final Hydrostatic Pressure (H) 1872 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Strong blow throughout test.
 Did Well Flow - Yes No Recovery Total Ft. 992' total recovery. 191' gas cut mud, 124' gas cut watery mud, 186' gas cut muddy water, 496' water.
 Reversed Out - Yes No Mud Type starch Viscosity 39 Weight 9.6 Water Loss 20.4 cc. Chlorides 56,000 P.P.M.
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size - In. Make - Ser. No. -
 Dual Packer Did Packers Hold? Did Tool Plug? No Where? -
 DRILLING CONTRACTOR Red Tiger Drilling Co. Length Drill Pipe? 2682 Ft. I.D. Drill Pipe 3.9 In. Tool Joint Size 4 1/2 FH In.
 Length Weight Pipe 997 Ft. I.D. Weight Pipe 2.9 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 66 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 3-14-77 Test Ticket No. 25651
 Recorder No. 2604 Capacity 4150 Location 3715 Ft.
 Clock No. 4763 Elevation 1797 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1912</u> P.S.I.	Open Tool	<u>7:42</u> A M	
B First Initial Flow Pressure	<u>66</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>249</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1353</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>50</u> Mins.
E Second Initial Flow Pressure	<u>271</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>515</u> P.S.I.			
G Final Closed-in Pressure	<u>1359</u> P.S.I.			
H Final Hydrostatic Mud	<u>1872</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	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.							
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <u>0</u>	<u>66</u>	<u>0</u>	<u>249</u>	<u>0</u>	<u>271</u>	<u>0</u>	<u>515</u>	
P 2 <u>5</u>	<u>90</u>	<u>3</u>	<u>653</u>	<u>5</u>	<u>303</u>	<u>3</u>	<u>971</u>	
P 3 <u>10</u>	<u>124</u>	<u>6</u>	<u>1019</u>	<u>10</u>	<u>332</u>	<u>6</u>	<u>1153</u>	
P 4 <u>15</u>	<u>160</u>	<u>9</u>	<u>1164</u>	<u>15</u>	<u>361</u>	<u>9</u>	<u>1217</u>	
P 5 <u>20</u>	<u>193</u>	<u>12</u>	<u>1238</u>	<u>20</u>	<u>389</u>	<u>12</u>	<u>1253</u>	
P 6 <u>25</u>	<u>228</u>	<u>15</u>	<u>1280</u>	<u>25</u>	<u>414</u>	<u>15</u>	<u>1276</u>	
P 7 <u>30</u>	<u>249</u>	<u>18</u>	<u>1305</u>	<u>30</u>	<u>441</u>	<u>18</u>	<u>1293</u>	
P 8		<u>21</u>	<u>1322</u>	<u>35</u>	<u>466</u>	<u>21</u>	<u>1306</u>	
P 9		<u>24</u>	<u>1333</u>	<u>40</u>	<u>487</u>	<u>24</u>	<u>1319</u>	
P10		<u>27</u>	<u>1344</u>	<u>45</u>	<u>505</u>	<u>27</u>	<u>1326</u>	
P11		<u>30</u>	<u>1353</u>	<u>50</u>	<u>515</u>	<u>30</u>	<u>1333</u>	
P12						<u>33</u>	<u>1341</u>	
P13						<u>36</u>	<u>1346</u>	
P14						<u>39</u>	<u>1351</u>	
P15						<u>42</u>	<u>1355</u>	
P16						<u>45</u>	<u>1359</u>	
P17								
P18								
P19								
P20								