



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO

6178

6178

P. O. BOX 1599

PHONE (316) 838-0601

Elevation

1570 RB

Formation

KC

Eff. Pay

Ft.

WICHITA, KANSAS 67201

District

PCATT 10-593

Date

5-19-80

Customer Order No.

COMPANY NAME

Pate-Dombrough Petroleum Marketing Exploration & Production Co. Inc.

ADDRESS

502 Union Center Wichita Kansas 67202

LEASE AND WELL NO

Seaber A-#1

COUNTY

Kingman

STATE

KANS.

Sec

9

Twp

29s

Rge

6W

Mail Invoice To

Seaber A-#1 same

Address

may need extra copies

No. Copies Requested

Mail Charts To

Seaber A-#1 same

Address

No. Copies Requested

Formation Test No.

1

Interval Tested from

3267

ft. to

3290

ft.

Total Depth

3290

ft.

Packer Depth

3267

ft.

Size

6 3/4 in.

Packer Depth

=

ft.

Size

=

in.

Packer Depth

3267

ft.

Size

6 3/4 in.

Packer Depth

=

ft.

Size

=

in.

Depth of Selective Zone Set

-

3271

Top Recorder Depth (Inside)

-

ft.

Recorder Number

2604

Cap.

4150

Bottom Recorder Depth (Outside)

-

ft.

Recorder Number

6246

Cap.

5200

Below Straddle Recorder Depth

-

ft.

Recorder Number

Cap.

Drilling Contractor

KAW Drilling Co

Drill Collar Length

336

I. D.

2 1/2 in.

Mud Type

Starch

Viscosity

Weight Pipe Length

2902

I. D.

3.8 in.

Weight

9.7

Water Loss

NE

cc.

Drill Pipe Length

29

I. D.

5.00 in.

Chlorides

23,000

P.P.M.

Test Tool Length

23

ft.

Tool Size

5.00 in.

Jars: Make

WTC

Serial Number

408

Anchor Length

3/4

ft.

Size

5.00 in.

Did Well Flow?

NO

Reversed Out

NO

Surface Choke Size

7/8

in.

Bottom Choke Size

3/4 in.

Main Hole Size

4 1/2 FN

in.

Tool Joint Size

4 1/2 FN in.

Blow: Very wear blow which died in 10 minutes on initial flow very wear for 5 minutes then died on final flow period

Recovered 10 ft. of drilling mud.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Run location 2:30 Tool in table 3:45 Tool down 10:40 Off location

Time Set Packer(s)	Time Started Off Bottom	Maximum Temperature
7:00	9:00	112°F
Initial Hydrostatic Pressure	(A) 1684 P.S.I.	
Initial Flow Period	(B) 30 Minutes	(C) 31 P.S.I.
Initial Closed In Period	(D) 30 Minutes	(E) 405 P.S.I.
Final Flow Period	(E) 30 Minutes	(F) 31 P.S.I.
Final Closed In Period	(G) 30 Minutes	(H) 181 P.S.I.
Final Hydrostatic Pressure	(H) 1684 P.S.I.	

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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.

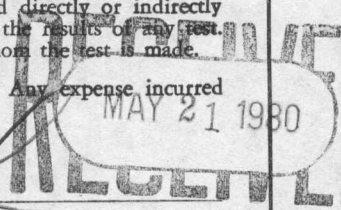
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By: [Signature] Signature of Customer or his authorized representative

Western Representative: Red Tritt Thank you.

FIELD INVOICE

Open Hole Test	\$ 550.00
Misrun	\$
Straddle Test	\$ 300.00
are	\$
Selective Zone	\$
Safety Joint	\$ 50.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage -45-	\$ 33.75
Fluid Sampler	\$
Extra Charts?	\$ 5.00
TOTAL	\$ 938.75



WESTERN TESTING CO., INC.
Pressure Data

Date 5-19-80 Test Ticket No. 6178
 Recorder No. 2604 Capacity 4150 Location 3271 Ft.
 Clock No. _____ Elevation 1560 KB Well Temperature 112 °F

Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
				Mins.	Mins.
A Initial Hydrostatic Mud	<u>1683</u>	P.S.I.	Open Tool	<u>7:00 P</u>	M
B First Initial Flow Pressure	<u>49</u>	P.S.I.	First Flow Pressure	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>19</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	<u>33</u>
D Initial Closed-in Pressure	<u>404</u>	P.S.I.	Second Flow Pressure	<u>30</u>	<u>30</u>
E Second Initial Flow Pressure	<u>55</u>	P.S.I.	Final Closed-in Pressure	<u>30</u>	<u>27</u>
F Second Final Flow Pressure	<u>22</u>	P.S.I.			
G Final Closed-in Pressure	<u>183</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1681</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>10</u> Inc.	Breakdown:	<u>6</u> Inc.	Breakdown:	<u>9</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>0</u>	<u>19</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>22</u>
P 2	<u>5</u>	<u>3</u>	<u>22</u>	<u>5</u>	<u>32</u>	<u>3</u>	<u>22</u>
P 3	<u>10</u>	<u>6</u>	<u>25</u>	<u>10</u>	<u>25</u>	<u>6</u>	<u>29</u>
P 4	<u>15</u>	<u>9</u>	<u>29</u>	<u>15</u>	<u>22</u>	<u>9</u>	<u>34</u>
P 5	<u>20</u>	<u>12</u>	<u>39</u>	<u>20</u>	<u> </u>	<u>12</u>	<u>43</u>
P 6	<u>25</u>	<u>15</u>	<u>60</u>	<u>25</u>	<u> </u>	<u>15</u>	<u>60</u>
P 7	<u>30</u>	<u>18</u>	<u>94</u>	<u>30</u>	<u>22</u>	<u>18</u>	<u>79</u>
P 8	<u>35</u>	<u>21</u>	<u>149</u>	<u>35</u>	<u> </u>	<u>21</u>	<u>109</u>
P 9	<u>40</u>	<u>24</u>	<u>218</u>	<u>40</u>	<u> </u>	<u>24</u>	<u>150</u>
P 10	<u>45</u>	<u>27</u>	<u>297</u>	<u>45</u>	<u> </u>	<u>27</u>	<u>183</u>
P 11	<u>50</u>	<u>30</u>	<u>376</u>	<u>50</u>	<u> </u>	<u>30</u>	<u> </u>
P 12	<u>55</u>	<u>33</u>	<u>404</u>	<u>55</u>	<u> </u>	<u>33</u>	<u> </u>
P 13	<u>60</u>	<u>36</u>	<u> </u>	<u>60</u>	<u> </u>	<u>36</u>	<u> </u>
P 14	<u> </u>	<u>39</u>	<u> </u>	<u>65</u>	<u> </u>	<u>39</u>	<u> </u>
P 15	<u> </u>	<u>42</u>	<u> </u>	<u>70</u>	<u> </u>	<u>42</u>	<u> </u>
P 16	<u> </u>	<u>45</u>	<u> </u>	<u>75</u>	<u> </u>	<u>45</u>	<u> </u>
P 17	<u> </u>	<u>48</u>	<u> </u>	<u>80</u>	<u> </u>	<u>48</u>	<u> </u>
P 18	<u> </u>	<u>51</u>	<u> </u>	<u>85</u>	<u> </u>	<u>51</u>	<u> </u>
P 19	<u> </u>	<u>54</u>	<u> </u>	<u>90</u>	<u> </u>	<u>54</u>	<u> </u>
P 20	<u> </u>	<u>57</u>	<u> </u>	<u> </u>	<u> </u>	<u>57</u>	<u> </u>
	<u> </u>	<u>60</u>	<u> </u>	<u> </u>	<u> </u>	<u>60</u>	<u> </u>

Company Pate-Dombaugh Petroleum, Martin Exploration & Graber "A" #1
 Texas Oil & Gas Corporation
 Elevation 1560 Kelly Bushing Formation Kansas City Effective Pay -- Ft. Ticket No. 6178
 Date 5/19/80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas
 Test Approved by Ray Dombaugh Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 3267 ft. to 3290 ft. Total Depth 3290 ft.
 Packer Depth 3262 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3267 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set --

Top Recorder Depth (Inside) 3271 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 3274 ft. Recorder Number 6246 Cap. 5200
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor Kaw Drilling Co. Drill Collar Length -- I. D. -- in.
 Mud Type starch Viscosity -- Weight Pipe Length 336 I. D. 2 1/2 ID in.
 Weight 9.7 Water Loss NC cc. Drill Pipe Length 2902 I. D. 3.8 in.
 Chlorides 23,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 408 Anchor Length 23 ft. Size 5 1/2 OD in.
 Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Very weak blow which died in ten minutes on initial flow; very weak for five minutes, then died on final flow period.

Recovered 10 ft. of drilling mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s)	<u>7:00</u>	AM P.M.	Time Started Off Bottom	<u>9:00</u>	AM P.M.	Maximum Temperature	<u>112°</u>
Initial Hydrostatic Pressure			(A)	<u>1683</u>		P.S.I.	
Initial Flow Period			Minutes	<u>30</u>	(B)	<u>49</u>	P.S.I. to (C) <u>19</u> P.S.I.
Initial Closed In Period			Minutes	<u>33</u>	(D)	<u>404</u>	P.S.I.
Final Flow Period			Minutes	<u>30</u>	(E)	<u>55</u>	P.S.I. to (F) <u>22</u> P.S.I.
Final Closed In Period			Minutes	<u>27</u>	(G)	<u>183</u>	P.S.I.
Final Hydrostatic Pressure			(H)	<u>1681</u>		P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 5/19/80

Test Ticket No. 6178

Recorder No. 2604

Capacity 4150

Location 3271 Ft.

Clock No. - Elevation 1560 Kelly Bushing

Well Temperature 112 °F

Point	Pressure			Time Given	Time Computed	
					M	Mins.
A Initial Hydrostatic Mud	<u>1683</u>	P.S.I.	Open Tool	<u>7:00P</u>		
B First Initial Flow Pressure	<u>49</u>	P.S.I.	First Flow Pressure	<u>30</u>	Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>19</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>404</u>	P.S.I.	Second Flow Pressure	<u>30</u>	Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>55</u>	P.S.I.	Final Closed-in Pressure	<u>30</u>	Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>22</u>	P.S.I.				
G Final Closed-in Pressure	<u>183</u>	P.S.I.				
H Final Hydrostatic Mud	<u>1681</u>	P.S.I.				

PRESSURE BREAKDOWN

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

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

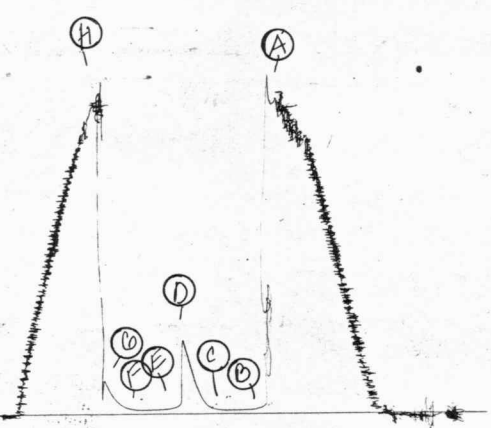
Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

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

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>49</u>	<u>0</u>	<u>19</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>22</u>
P 2 <u>5</u>	<u>32</u>	<u>3</u>	<u>22</u>	<u>5</u>	<u>32</u>	<u>3</u>	<u>22</u>
P 3 <u>10</u>	<u>22</u>	<u>6</u>	<u>25</u>	<u>10</u>	<u>25</u>	<u>6</u>	<u>29</u>
P 4 <u>15</u>	<u>19</u>	<u>9</u>	<u>29</u>	<u>15</u>	<u>22</u>	<u>9</u>	<u>34</u>
P 5 <u>20</u>	<u>19</u>	<u>12</u>	<u>39</u>	<u>20</u>	<u>22</u>	<u>12</u>	<u>43</u>
P 6 <u>25</u>	<u>19</u>	<u>15</u>	<u>60</u>	<u>25</u>	<u>22</u>	<u>15</u>	<u>60</u>
P 7 <u>30</u>	<u>19</u>	<u>18</u>	<u>94</u>	<u>30</u>	<u>22</u>	<u>18</u>	<u>79</u>
P 8		<u>21</u>	<u>149</u>			<u>21</u>	<u>109</u>
P 9		<u>24</u>	<u>218</u>			<u>24</u>	<u>150</u>
P10		<u>27</u>	<u>297</u>			<u>27</u>	<u>183</u>
P11		<u>30</u>	<u>376</u>			<u>30</u>	
P12		<u>33</u>	<u>404</u>				
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2604 DST #1

TKT # 6178
I





WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 5352

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 838-0601

Elevation Formation Mistener-Vial Pay Ft.

District Pratt Date 5-24-80 Customer Order No.

COMPANY NAME Pate + Dombaugh Petroleum, Martin Exploration + Texas Oil + Gas

ADDRESS 502 Union Center Wichita KS Corp.

LEASE AND WELL NO. Graber "A" #1 COUNTY Kingman STATE KS Sec. 9 Twp 29s Rge low 3

Mail Invoice To Same Co. Name Address No. Copies Requested Req 6

Mail Charts To Same Address No. Copies Requested Req 6

Formation Test No. 2 Interval Tested from 4400 ft. to 4450 ft. Total Depth 4450 ft.

Packer Depth 4395 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4400 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4403 ft. Recorder Number 1565 Cap. 4900

Bottom Recorder Depth (Outside) 4406 ft. Recorder Number 5673 Cap. 5400

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Kaw Drlg Co Drill Collar Length I. D. in.

Mud Type Starch Viscosity 42 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length 4070 I. D. 3.8 in.

Chlorides 63,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 O.D. in.

Jars: Make Serial Number Anchor Length 20 ft. Size 5 1/2 O.D. in.

Did Well Flow? NO Reversed Out NO Drill Pipe Size 30 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 1/2 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong Report Gts 10 min. into second flow - see gas flow

Recovered 90 ft. of Gas Cut Mud

Recovered 120 ft. of Spotty oil + Gas Cut Mud

Recovered 120 ft. of Oil + Gas Cut Mud

Recovered 120 ft. of Heavy Oil + Gas cut Mud

Recovered ft. of

Remarks:

on location 1:00 AM off 10:30 AM

Time Set Packer(s) 3:39 A.M. Time Started Off Bottom 6:54 A.M. Maximum Temperature 139

Initial Hydrostatic Pressure (A) 2295 P.S.I.

Initial Flow Period Minutes 30 (B) 74 P.S.I. to (C) 111 P.S.I.

Initial Closed In Period Minutes 45 (D) 1211 P.S.I.

Final Flow Period Minutes 60 (E) 136 P.S.I. to (F) 116 P.S.I.

Final Closed In Period Minutes 60 (G) 1408 P.S.I.

Final Hydrostatic Pressure (H) 2270 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 90 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test (\$600.00), Mileage 50x.75 (\$37.50), Fluid Sampler, Extra Charts, and TOTAL (\$642.50).

WESTERN TESTING CO., INC.

Pressure Data

Date 5-24-80 Test Ticket No. 5352
 Recorder No. 1565 Capacity 4900 Location 4403 Ft.
 Clock No. _____ Elevation _____ Well Temperature 139 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2291</u>	P.S.I.	<u>3:39 A</u>	M
B First Initial Flow Pressure	<u>72</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>104</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>1209</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>134</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
F Second Final Flow Pressure	<u>164</u>	P.S.I.		
G Final Closed-in Pressure	<u>1404</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2273</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.		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>72</u>	0	<u>104</u>	0	<u>134</u>	0	<u>164</u>	
P 2 5	<u>74</u>	3	<u>158</u>	5	<u>124</u>	3	<u>223</u>	
P 3 10	<u>79</u>	6	<u>228</u>	10	<u>123</u>	6	<u>322</u>	
P 4 15	<u>89</u>	9	<u>312</u>	15	<u>123</u>	9	<u>463</u>	
P 5 20	<u>94</u>	12	<u>411</u>	20	<u>125</u>	12	<u>597</u>	
P 6 25	<u>99</u>	15	<u>502</u>	25	<u>129</u>	15	<u>686</u>	
P 7 30	<u>104</u>	18	<u>592</u>	30	<u>134</u>	18	<u>743</u>	
P 8 35		21	<u>676</u>	35	<u>140</u>	21	<u>797</u>	
P 9 40		24	<u>748</u>	40	<u>146</u>	24	<u>847</u>	
P10 45		27	<u>812</u>	45	<u>151</u>	27	<u>894</u>	
P11 50		30	<u>869</u>	50	<u>156</u>	30	<u>943</u>	
P12 55		33	<u>928</u>	55	<u>160</u>	33	<u>996</u>	
P13 60		36	<u>990</u>	60	<u>164</u>	36	<u>1045</u>	
P14		39	<u>1079</u>	65		39	<u>1093</u>	
P15		42	<u>1116</u>	70		42	<u>1140</u>	
P16		45	<u>1209</u>	75		45	<u>1195</u>	
P17		48		80		48	<u>1231</u>	
P18		51		85		51	<u>1268</u>	
P19		54		90		54	<u>1300</u>	
P20		57				57	<u>1333</u>	
		60				60	<u>1372</u>	
						63	<u>1392</u>	
						66	<u>1404</u>	

Pate - Dombaugh Petroleum, Martin Expl.

Company & Texas Oil & Gas Corporation Lease & Well No. Graber "A" #1
 Elevation -- Formation Misener-Viola Effective Pay ---- Ft. Ticket No. 5352
 Date 5/24/80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas
 Test Approved by Ray Dombaugh Western Representative Jeff Piotrowski

Formation Test No. 2 Interval Tested from 4400 ft. to 4450 ft. Total Depth 4450 ft.
 Packer Depth 4395 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4400 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4403 ft. Recorder Number 1565 Cap. 4900
 Bottom Recorder Depth (Outside) 4406 ft. Recorder Number 5673 Cap. 5400
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Kaw Drilling Co. Drill Collar Length - I. D. - in.
 Mud Type starch Viscosity 42 Weight Pipe Length 310 I. D. 3.2 in.
 Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length 4070 I. D. 3.8 in.
 Chlorides 63,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 20 ft. Size 5 1/2 OD in.
 Did Well Flow? No Reversed Out No Drill pipe 30' Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong. Gas to surface in ten minutes into second flow; See attached sheet for gas measurements.

Recovered 90 ft. of gas cut mud
 Recovered 120 ft. of spotty oil and gas cut mud
 Recovered 120 ft. of oil and gas cut mud
 Recovered 120 ft. of heavy oil and gas cut mud
 Recovered ft. of

Remarks:

Time Set Packer(s) 3:39 A.M. Time Started Off Bottom 6:54 A.M. Maximum Temperature 139°
 Initial Hydrostatic Pressure (A) 2291 P.S.I.
 Initial Flow Period Minutes 30 (B) 72 P.S.I. to (C) 104 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1209 P.S.I.
 Final Flow Period Minutes 60 (E) 134 P.S.I. to (F) 164 P.S.I.
 Final Closed In Period Minutes 66 (G) 1404 P.S.I.
 Final Hydrostatic Pressure (H) 2273 P.S.I.

GAS FLOW REPORT

Pate-Dombaugh Petroleum, Martin Expl. & Texas Oil & Gas Corporation

Date 5/24/80 Ticket 5352 Company _____

Well Name and No. Graber "A" #1 Dst No. 2 Interval Tested 4400' - 4450'

County Kingman State Kansas Sec. 9 Twp. 29S Rg. 6W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						

Gas to surface in ten minutes. **SECOND FLOW**

10 min.	.36" of water	1/4" orifice	10,100 CFPD
20 min.	.52" of water	1/4" orifice	12,100 CFPD
30 min.	.52" of water	1/4" orifice	12,100 CFPD
40 min.	.54" of water	1/4" orifice	12,300 CFPD
50 min.	.50" of water	1/4" orifice	11,900 CFPD

GAS BOTTLE

Serial No. Date Bottle Filled Date to be Invoiced 5/24/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Pate-Dombaugh Pet., Martin Expl. & COMPANY'S NAME Texas Oil & Gas Corp.

Authorized by Ray Dombaugh

WESTERN TESTING CO., INC.
Pressure Data

Date 5/24/80 Test Ticket No. 5352
 Recorder No. 1565 Capacity 4900 Location 4403 Ft.
 Clock No. - Elevation ---- Well Temperature 139 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2291</u>	P.S.I.	<u>3:39A</u>	<u>M</u>
B First Initial Flow Pressure	<u>72</u>	P.S.I.	<u>30</u>	<u>Mins. 30</u>
C First Final Flow Pressure	<u>104</u>	P.S.I.	<u>45</u>	<u>Mins. 45</u>
D Initial Closed-in Pressure	<u>1209</u>	P.S.I.	<u>60</u>	<u>Mins. 60</u>
E Second Initial Flow Pressure	<u>134</u>	P.S.I.	<u>60</u>	<u>Mins. 66</u>
F Second Final Flow Pressure	<u>164</u>	P.S.I.		
G Final Closed-in Pressure	<u>1404</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2273</u>	P.S.I.		

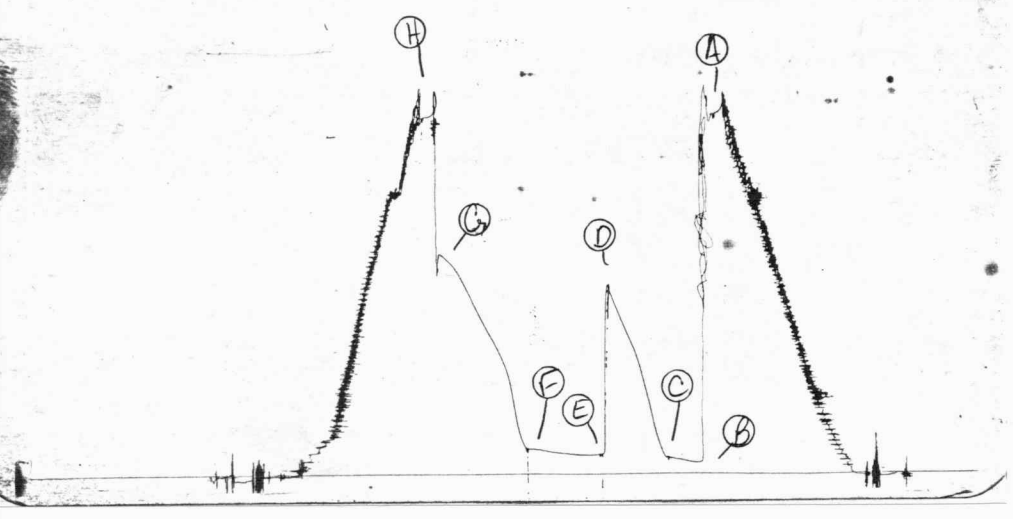
PRESSURE BREAKDOWN

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>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Final Shut-In Breakdown: <u>22</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	<u>72</u>	<u>0</u>	<u>104</u>	<u>0</u>	<u>134</u>	<u>0</u>	<u>164</u>
P 2	<u>74</u>	<u>3</u>	<u>158</u>	<u>5</u>	<u>125</u>	<u>3</u>	<u>223</u>
P 3	<u>79</u>	<u>6</u>	<u>228</u>	<u>10</u>	<u>123</u>	<u>6</u>	<u>322</u>
P 4	<u>89</u>	<u>9</u>	<u>312</u>	<u>15</u>	<u>123</u>	<u>9</u>	<u>463</u>
P 5	<u>94</u>	<u>12</u>	<u>411</u>	<u>20</u>	<u>125</u>	<u>12</u>	<u>597</u>
P 6	<u>99</u>	<u>15</u>	<u>502</u>	<u>25</u>	<u>129</u>	<u>15</u>	<u>686</u>
P 7	<u>104</u>	<u>18</u>	<u>592</u>	<u>30</u>	<u>134</u>	<u>18</u>	<u>743</u>
P 8		<u>21</u>	<u>676</u>	<u>35</u>	<u>140</u>	<u>21</u>	<u>797</u>
P 9		<u>24</u>	<u>748</u>	<u>40</u>	<u>146</u>	<u>24</u>	<u>847</u>
P10		<u>27</u>	<u>812</u>	<u>45</u>	<u>151</u>	<u>27</u>	<u>894</u>
P11		<u>30</u>	<u>869</u>	<u>50</u>	<u>156</u>	<u>30</u>	<u>943</u>
P12		<u>33</u>	<u>928</u>	<u>55</u>	<u>160</u>	<u>33</u>	<u>996</u>
P13		<u>36</u>	<u>990</u>	<u>60</u>	<u>164</u>	<u>36</u>	<u>1045</u>
P14		<u>39</u>	<u>1079</u>			<u>39</u>	<u>1093</u>
P15		<u>42</u>	<u>1116</u>			<u>42</u>	<u>1146</u>
P16		<u>45</u>	<u>1209</u>			<u>45</u>	<u>1195</u>
P17						<u>48</u>	<u>1231</u>
P18						<u>51</u>	<u>1268</u>
P19						<u>54</u>	<u>1300</u>
P20						<u>57</u>	<u>1333</u>
						<u>60</u>	<u>1372</u>
						<u>63</u>	<u>1392</u>
						<u>66</u>	<u>1404</u>

1565
DST #2

TK#5352
I





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 5353

P. O. BOX 1599 PHONE (316) 838-0601 WICHITA, KANSAS 67201

Elevation _____ Formation Viola Eff. Pay _____ Ft.

District Pratt Date 5-24-80 Customer Order No. _____

COMPANY NAME Pate + Dombaugh (Pet. Martin's Expt. + Lupa Oil + Gas Corp)

ADDRESS 502 Union Center, Wichita KS

LEASE AND WELL NO. Graber "A" #1 COUNTY Kingman STATE KS Sec. 9 Twp 29s Rge 6w

Mail Invoice To Same Co. Name _____ Address _____ No. Copies Requested Reg 6

Mail Charts To Same Co. Name _____ Address _____ No. Copies Requested Reg 6

Formation Test No. 3 Interval Tested from 4450 ft. to 4464 ft. Total Depth 4464 ft.

Packer Depth 4445 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4450 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4453 ft. Recorder Number 1565 Cap. 4900

Bottom Recorder Depth (Outside) 4456 ft. Recorder Number 5673 Cap. 5400

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Kaw Drly Co Drill Collar Length _____ I. D. _____ in.

Mud Type Starch Viscosity 44 Weight Pipe Length 310 I. D. 3.2 in.

Weight 9.5 Water Loss 10.4 cc. Drill Pipe Length 4120 I. D. 3.8 in.

Chlorides 61,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Jars: Make _____ Serial Number _____ Anchor Length 14 ft. Size 5 1/2 O.D. in.

Did Well Flow? Yes Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: GTS 3 min - Did not gauge -

Recovered _____ ft. of Oil to surface 13 min.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

RECEIVED
MAY 29 1980
RECEIVED

on location 5:00 pm. off 3:00 AM

Time Set Packer (s) 8:17 ^{AM} P.M. Time Started Off Bottom 9:30 ^{AM} P.M. Maximum Temperature _____

Initial Hydrostatic Pressure _____ (A) 1880 2320 P.S.I.

Initial Flow Period _____ Minutes (B) 15 P.S.I. to (C) 581 P.S.I.

Initial Closed In Period _____ Minutes (D) 60 P.S.I.

Final Flow Period _____ Minutes (E) _____ P.S.I. to (F) _____ P.S.I.

Final Closed In Period _____ Minutes (G) _____ P.S.I.

Final Hydrostatic Pressure _____ (H) 2307 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature]
Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Open Hole Test	\$ <u>1600⁰⁰</u>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ <u>30⁰⁰</u>
Mileage	\$ <u>N/C - 0 -</u>
Fluid Sampler	\$ _____
/ Extra Charts	\$ <u>5⁰⁰</u>
TOTAL	\$ <u>635⁰⁰</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 5-24-80 Test Ticket No. 5353
 Recorder No. 1565 Capacity 4900 Location 4453 Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2318</u>	P.S.I.	<u>8:19 P</u>	M _____
B First Initial Flow Pressure	<u>485</u>	P.S.I.	<u>15</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>597</u>	P.S.I.	<u>60</u> Mins.	<u>63</u> Mins.
D Initial Closed-in Pressure	<u>1552</u>	P.S.I.	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	_____	P.S.I.	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	_____	P.S.I.	_____ Mins.	_____ Mins.
G Final Closed-in Pressure	_____	P.S.I.	_____ Mins.	_____ Mins.
H Final Hydrostatic Mud	<u>2298</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>21</u> 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.		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>0</u>	<u>597</u>	<u>0</u>		<u>0</u>	
P 2	<u>5</u>	<u>3</u>	<u>1397</u>	<u>5</u>		<u>3</u>	
P 3	<u>10</u>	<u>6</u>	<u>1520</u>	<u>10</u>		<u>6</u>	
P 4	<u>15</u>	<u>9</u>	<u>1534</u>	<u>15</u>		<u>9</u>	
P 5	<u>20</u>	<u>12</u>	<u>1543</u>	<u>20</u>		<u>12</u>	
P 6	<u>25</u>	<u>15</u>	<u>1546</u>	<u>25</u>		<u>15</u>	
P 7	<u>30</u>	<u>18</u>	<u>1547</u>	<u>30</u>		<u>18</u>	
P 8	<u>35</u>	<u>21</u>	<u>1547</u>	<u>35</u>		<u>21</u>	
P 9	<u>40</u>	<u>24</u>	<u>1548</u>	<u>40</u>		<u>24</u>	
P10	<u>45</u>	<u>27</u>	<u>1548</u>	<u>45</u>		<u>27</u>	
P11	<u>50</u>	<u>30</u>	<u>1549</u>	<u>50</u>		<u>30</u>	
P12	<u>55</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13	<u>60</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>	<u>1549</u>	<u>75</u>		<u>45</u>	
P17		<u>48</u>	<u>1550</u>	<u>80</u>		<u>48</u>	
P18		<u>51</u>	<u>1550</u>	<u>85</u>		<u>51</u>	
P19		<u>54</u>	<u>1551</u>	<u>90</u>		<u>54</u>	
P20		<u>57</u>	<u>1551</u>			<u>57</u>	
		<u>60</u>	<u>1552</u>			<u>60</u>	
		<u>63</u>	<u>1552</u>				

Pate-Dombaugh Petroleum, Martin Expl.
& Texas Oil & Gas Corporation

Lease & Well No. Graber "A" #1

Company ----- Lease & Well No. Graber "A" #1
 Elevation ----- Formation Viola Effective Pay ----- Ft. Ticket No. 5353
 Date 5/24/80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas
 Test Approved by Raymond R. Dombaugh Western Representative Jeff Piotrowski

Formation Test No. 3 Interval Tested from 4450 ft. to 4464 ft. Total Depth 4464 ft.
 Packer Depth 4445 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4450 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4453 ft. Recorder Number 1565 Cap. 4900
 Bottom Recorder Depth (Outside) 4456 ft. Recorder Number 5673 Cap. 5400
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Kaw Drilling Co. Drill Collar Length - I. D. - in.
 Mud Type starch Viscosity 44 Weight Pipe Length 310 I. D. 3.2 in.
 Weight 9.5 Water Loss 10.4 cc. Drill Pipe Length 4120 I. D. 3.8 in.
 Chlorides 61,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 14 ft. Size 5 1/2 OD in.
 Did Well Flow? Yes Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Gas to surface in three minutes. Did not gauge.

Recovered _____ ft. of oil to surface in thirteen minutes
 Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of

Remarks:

Time Set Packer(s) 8:17 ~~A.M.~~ P.M. Time Started Off Bottom 9:30 ~~A.M.~~ P.M. Maximum Temperature ?
 Initial Hydrostatic Pressure (A) 2318 P.S.I.
 Initial Flow Period Minutes 10 (B) 485 P.S.I. to (C) 597 P.S.I.
 Initial Closed In Period Minutes 63 (D) 1552 P.S.I.
 Final Flow Period Minutes -- (E) -- P.S.I. to (F) -- P.S.I.
 Final Closed In Period Minutes -- (G) -- P.S.I.
 Final Hydrostatic Pressure (H) 2298 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 5/24/80

Test Ticket No. 5353

Recorder No. 1565

Capacity 4900

Location 4453 Ft.

Clock No. - Elevation - Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2318 P.S.I.	Open Tool	8:17P M	
B First Initial Flow Pressure	485 P.S.I.	First Flow Pressure	15 Mins.	10 Mins.
C First Final Flow Pressure	597 P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins.
D Initial Closed-in Pressure	1552 P.S.I.	Second Flow Pressure	-- Mins.	-- Mins.
E Second Initial Flow Pressure	-- P.S.I.	Final Closed-in Pressure	-- Mins.	-- Mins.
F Second Final Flow Pressure	-- P.S.I.			
G Final Closed-in Pressure	-- P.S.I.			
H Final Hydrostatic Mud	2298 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 2 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

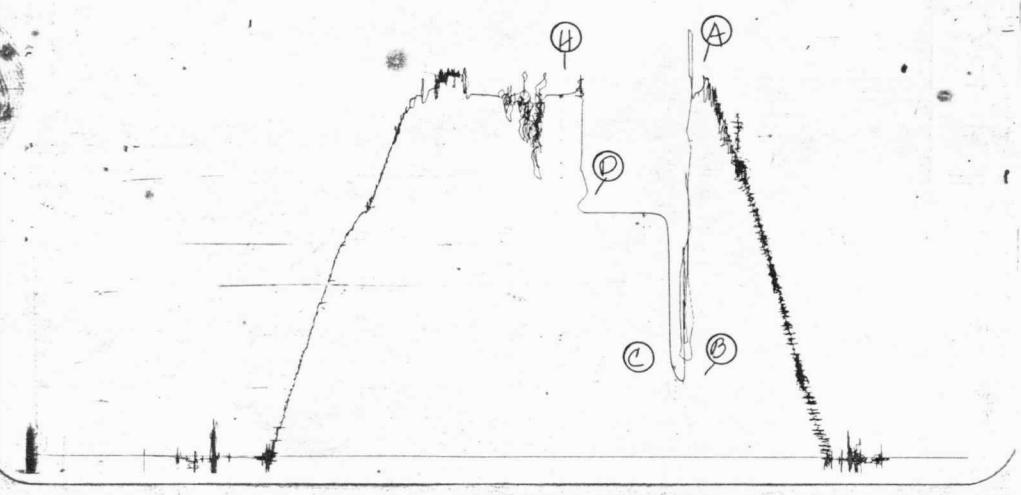
Second Flow Pressure
Breakdown: 0 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 0 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>485</u>	<u>0</u>	<u>597</u>				
P 2 <u>5</u>	<u>504</u>	<u>3</u>	<u>1397</u>				
P 3 <u>10</u>	<u>597</u>	<u>6</u>	<u>1520</u>				
P 4		<u>9</u>	<u>1534</u>				
P 5		<u>12</u>	<u>1543</u>				
P 6		<u>15</u>	<u>1543</u>				
P 7		<u>18</u>	<u>1546</u>				
P 8		<u>21</u>	<u>1547</u>				
P 9		<u>24</u>	<u>1547</u>				
P10		<u>27</u>	<u>1548</u>				
P11		<u>30</u>	<u>1548</u>				
P12		<u>33</u>	<u>1549</u>				
P13		<u>36</u>	<u>1549</u>				
P14		<u>39</u>	<u>1549</u>				
P15		<u>42</u>	<u>1549</u>				
P16		<u>45</u>	<u>1549</u>				
P17		<u>48</u>	<u>1550</u>				
P18		<u>51</u>	<u>1550</u>				
P19		<u>54</u>	<u>1551</u>				
P20		<u>57</u>	<u>1551</u>				
WTC - 4		<u>60</u>	<u>1552</u>				
		<u>63</u>	<u>1552</u>				

1565
DST # 3

TRK # 5253
I





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 5354

P. O. BOX 1599 PHONE (316) 838-0601 WICHITA, KANSAS 67201

Elevation _____ Formation Simpson Eff. Pay _____ Ft.

District Pratt Date 5-26-80 Customer Order No. _____

COMPANY NAME Pate + Dombaugh Pet. Martin Exp + Texas Oil + Gas Corp. ADDRESS 502 Union Center, Wichita KS

LEASE AND WELL NO. Graber "A" #1 COUNTY Kingman STATE KS Sec. 9 Twp 29s Rge 6w

Mail Invoice To Same Co. Name Address No. Copies Requested Reg 6

Mail Charts To Same Address No. Copies Requested Reg 6

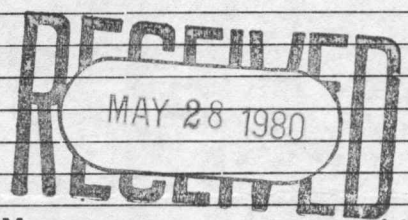
Formation Test No. 4 Interval Tested from 4466 ft. to 4470 ft. Total Depth 4470 ft. Packer Depth 4466 ft. Size 6 3/4 in. Packer Depth # ft. Size in. Packer Depth ft. Size in.

Depth of Selective Zone Set _____ Top Recorder Depth (Inside) 4455 ft. Recorder Number 1565 Cap. 4900 Bottom Recorder Depth (Outside) 4458 ft. Recorder Number 5678 Cap. 5400 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Kaw Drlg Co Mud Type Starch Viscosity 46 Weight 9.6 Water Loss 8.8 cc. Chlorides 61,000 P.P.M. Jars: Make _____ Serial Number _____ Did Well Flow? NO Reversed Out Yes Drill Collar Length _____ I. D. _____ in. Weight Pipe Length 310 I. D. 3.8 in. Drill Pipe Length 44 3/4 I. D. 3.2 in. Test Tool Length 22 ft. Tool Size 5 1/2 OD in. Anchor Length 4 ft. Size 5 1/2 OD in. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 2 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong Gas to surface 10 min - Not strong enough to gauge

Recovered 2257 ft. of Oil Recovered 122 ft. of Water Recovered _____ ft. of _____ Recovered _____ ft. of _____ Recovered _____ ft. of _____



Remarks: on location 4:30 pm 4:45 AM.

Table with 8 columns: Time Set, Packer(s), Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure. Includes handwritten values and P.S.I. readings.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages 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, of 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 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature]

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, and TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

Date 5-26-80 Test Ticket No. 5354
 Recorder No. 1565 Capacity 4900 Location 4455 Ft.
 Clock No. _____ Elevation _____ Well Temperature 146 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2313</u>	P.S.I.	<u>7:35</u>	M
B First Initial Flow Pressure	<u>118</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>517</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>1562</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
E Second Initial Flow Pressure	<u>592</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
F Second Final Flow Pressure	<u>869</u>	P.S.I.		
G Final Closed-in Pressure	<u>1563</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2305</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>6</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>118</u>	0	<u>517</u>	0	<u>592</u>	0	<u>869</u>
P 2 5	<u>164</u>	3	<u>1276</u>	5	<u>619</u>	3	<u>1537</u>
P 3 10	<u>237</u>	6	<u>1544</u>	10	<u>673</u>	6	<u>1554</u>
P 4 15	<u>317</u>	9	<u>1554</u> <u>1534</u>	15	<u>725</u>	9	<u>1559</u>
P 5 20	<u>389</u>	12	<u>1554</u> <u>1559</u>	20	<u>776</u>	12	<u>1564</u>
P 6 25	<u>468</u>	15	<u>1559</u>	25	<u>824</u>	15	
P 7 30	<u>517</u>	18	<u>1562</u>	30	<u>869</u>	18	
P 8 35		21		35		21	<u>1564</u>
P 9 40		24		40		24	<u>1562</u>
P 10 45		27		45		27	
P 11 50		30		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	<u>1562</u>	75		45	<u>1562</u>
P 17		48		80		48	<u>1563</u>
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	<u>1563</u>

Paate-Dombaugh Petroleum, Martin Exploration
& Texas Oil & Gas Corporation

Graber "A" #1

Company --- Lease & Well No. --- Ticket No. 5354
Simpson
 Elevation 5/26/80 Sec. 9 Formation 29S Effective Pay 6W Ft. Kingman Ticket No. Kansas
 Date 5/26/80 Sec. 9 Twp. 29S Range 6W County Kingman State Kansas
 Test Approved by Raymond R. Dombaugh Western Representative Jeff Piotrowski

Formation Test No. 4 Interval Tested from 4466 ft. to 4470 ft. Total Depth 4470 ft.
 Packer Depth 4466 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4455 ft. Recorder Number 1565 Cap. 4900
 Bottom Recorder Depth (Outside) 4458 ft. Recorder Number 5678 Cap. 5400
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Kaw Drilling Co. Drill Collar Length - I. D. - in.
 Mud Type starch Viscosity 46 Weight Pipe Length 310 I. D. 3.8 in.
 Weight 9.6 Water Loss 8.0 cc. Drill Pipe Length 4434 I. D. 3.2 in.
 Chlorides 61,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 4 ft. Size 5 1/2 OD in.
 Did Well Flow? No Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong. Gas to surface ten minutes. Not strong enough to gauge.

Recovered 2257 ft. of oil
 Recovered 122 ft. of water
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: _____

Time Set Packer(s) 7:35 A.M. P.M. Time Started Off Bottom 10:20 A.M. P.M. Maximum Temperature 146°
 Initial Hydrostatic Pressure (A) 2313 P.S.I.
 Initial Flow Period Minutes 30 (B) 118 P.S.I. to (C) 517 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1562 P.S.I.
 Final Flow Period Minutes 30 (E) 592 P.S.I. to (F) 869 P.S.I.
 Final Closed In Period Minutes 60 (G) 1563 P.S.I.
 Final Hydrostatic Pressure (H) 2305 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 5/26/80 Test Ticket No. 5354
 Recorder No. 1565 Capacity 4900 Location 4455 Ft.
 Clock No. - Elevation - Well Temperature 146 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2313 P.S.I.	Open Tool	7:35 M	
B First Initial Flow Pressure	118 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	517 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1562 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	592 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	869 P.S.I.			
G Final Closed-in Pressure	1563 P.S.I.			
H Final Hydrostatic Mud	2305 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>6</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	118	0	517	0	592	0	869
P 2	5	164	3	1276	5	619	3	1537
P 3	10	237	6	1544	10	673	6	1554
P 4	15	317	9	1554	15	725	9	1559
P 5	20	389	12	1554	20	776	12	1564
P 6	25	468	15	1559	25	824	15	1564
P 7	30	517	18	1562	30	869	18	1564
P 8			21	1562			21	1564
P 9			24	1562			24	1562
P10			27	1562			27	1562
P11			30	1562			30	1562
P12			33	1562			33	1562
P13			36	1562			36	1562
P14			39	1562			39	1562
P15			42	1562			42	1562
P16			45	1562			45	1562
P17							48	1563
P18							51	1563
P19							54	1563
P20							57	1563
							60	1563

1565
DST #4

TKI#5354
I.

