

Home Office: Great Bend, Kansas

P. O. Box 793

Gladstone 3-7903

Company Kansas Petroleum, Inc. Lease & Well No. Moore #1
Elevation No Elevation Ticket Number 2656
Date 3-16-63 Sec. 25 Twp. 31S Range 7E County Cowley State Kansas
Test Approved by Douglas H. McGinness Western Representative Ray H. Roadenbaugh

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 1977' to 1985' Total Depth 1985'
Size Main Hole 7 7/8" Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 1979 Ft. Size 6 3/4" Packer Depth 1972' Ft. Size 6 3/4"
Straddle ☐ Yes ☐ No ☒ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" X Hole Anchor Length 8 Ft. Size 5 1/2" O.D.

RECORDERS	Depth <u>1980</u> Ft.	Clock No. <u>6861</u>	Depth <u>1983</u> Ft.	Clock No. <u>41</u>
	Top Make <u>Amerada</u> Cap. <u>3150#</u> No. <u>1563</u>	Inside ☐ Outside ☒	Bottom Make <u>Western</u> Cap. <u>3000#</u> No. <u>41</u>	Inside ☐ Outside ☒
	Below Straddle: Depth ☐ Clock No. ☐	Inside ☐ Outside ☐	Depth ☐ Ft. Clock No. ☐	Inside ☐ Outside ☐
	Top Make ☐ Cap. ☐ No. ☐	Inside ☐ Outside ☐	Bottom Make ☐ Cap. ☐ No. ☐	Inside ☐ Outside ☐

Time Set Packer 9:31 P M
Tool Open I.F.P. From 9:37P M to 10:07P M - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From - M. to - M. - Hr. - Min. (D) - P.S.I.
Tool Open F.F.P. From 9:37P M. to 10:07P M. - Hr. 30 Min. From (E) 17 P.S.I. To (F) 17 P.S.I.
Tool Closed F.C.I.P. From 10:07P M. to 10:22P M. - Hr. 15 Min. (G) 166 P.S.I.
Initial Hydrostatic Pressure (A) 970 P.S.I. Final Hydrostatic Pressure (H) 943 P.S.I.

SURFACE	Size Choke <u>3/4</u> In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	☐	☐	☐ M.	☐
	☐	☐	☐ M.	☐
	☐	☐	☐ M.	☐

BLOW Very weak blow for 7 mins. Bottom Choke Size 3/4 in.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 3

3' Mud with few oil specks Mud

Reversed Out ☐ Yes ☒ No Mud Type Gel Viscosity 41 Weight 9.9 Maximum Temp. 91 °F

EXTRA EQUIPMENT: Dual Packers ☒ Safety Joint ☐ No Jars: Size No Make ☐ Ser. No. ☐

Type Circ. Sub. Plug Did Tool Plug? ☐ No Where? ☐ Did Packer Hold? ☒ Yes

Length Drill Pipe 1955.75 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ☐ ft. I.D. Weight Pipe ☐ in. Length Drill Collars ☐ ft.

I. D. Drill Collars ☐ in. Length D. S. T. Tool 29.25 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 3-16-63 Test Ticket No. 2656
Recorder No. 1563 Capacity 3150# Location 1980 Ft.
Clock No. 6861 Elevation - Well Temperature 91 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>970</u> P.S.I.	Opened Tool	<u>9:37 P</u>	<u>9:37 PM</u>
B First Initial Flow Pressure	<u>-</u> P.S.I.	First Flow Pressure	<u>-</u> Mins.	<u>-</u> Mins.
C First Final Flow Pressure	<u>-</u> P.S.I.	Initial Closed-in Pressure	<u>-</u> Mins.	<u>-</u> Mins.
D Initial Closed-in Pressure	<u>-</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>10</u> P.S.I.	Final Closed-in Pressure	<u>15</u> Mins.	<u>15</u> Mins.
F Second Final Flow Pressure	<u>10</u> P.S.I.			
G Final Closed-in Pressure	<u>166</u> P.S.I.			
H Final Hydrostatic Mud	<u>943</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>-</u> Inc.	Breakdown: <u>-</u> Inc.	Breakdown: <u>6</u> Inc.	Breakdown: <u>5</u> Inc.
of <u>-</u> mins. and a	of <u>-</u> mins. and a	of <u>5</u> mins. and a	of <u>3</u> mins. and a
final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>-</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1				<u>0</u>	<u>10</u>	<u>0</u>	<u>10</u>
P 2				<u>5</u>	<u>10</u>	<u>3</u>	<u>17</u>
P 3				<u>10</u>	<u>10</u>	<u>6</u>	<u>31</u>
P 4				<u>15</u>	<u>10</u>	<u>9</u>	<u>51</u>
P 5				<u>20</u>	<u>10</u>	<u>12</u>	<u>94</u>
P 6				<u>25</u>	<u>10</u>	<u>15</u>	<u>166</u>
P 7				<u>30</u>	<u>10</u>		
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Kansas Pet. Inc.

Moore #1

Test #1

T.H.T. #2656

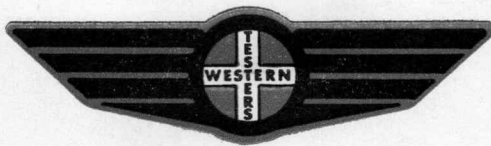
H H

G

E

F

7



Home Office: Great Bend, Kansas

P. O. Box 793

Gladstone 3-7903

Company Kansas Petroleum, Inc. Lease & Well No. Moore #1
Elevation 1389' D.F. Ticket Number 2657
Date 3-18-63 Sec. 25 Twp. 31S Range 7E County Cowley State Kansas
Test Approved by Douglas H. McGinness Western Representative Ray H. Roadenbaugh

Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 2283' to 2296' Total Depth 2296'
Size Main Hole 7 7/8" Rat Hole - Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 2288 Ft. Size 6 3/4" Packer Depth 2283 Ft. Size 6 3/4"
Straddle ☐ Yes ☐ No ☒ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Packer Depth Ft. Size
Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" X Hole Anchor Length 8 Ft. Size 5 1/2" O.D.

RECORDERS Depth 2291 Ft. Clock No. 6861 Depth 2294 Ft. Clock No. 41
Top Make Amerada Cap. 3150# No. 1563 Inside Outside Bottom Make Western Cap. 3000# No. 41 Inside Outside
Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside
Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 12:31 A M
Tool Open I.F.P. From 12:35A M to 12:45A M - Hr. 10 Min. From (B) 18 P.S.I. To (C) 18 P.S.I.
Tool Closed I.C.I.P. From 12:46A M. to 1:26A M. - Hr. 30 Min. (D) 604 P.S.I.
Tool Open F.F.P. From 1:16A M. to 3:16A M. 2 Hr. - Min. From (E) 23 P.S.I. To (F) 34 P.S.I.
Tool Closed F.C.I.P. From 3:16A M. to 3:46A M. - Hr. 30 Min. (G) 414 P.S.I.
Initial Hydrostatic Pressure (A) 1156 P.S.I. Final Hydrostatic Pressure (H) 1140 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION M.
 M.
 M.

BLOW Weak blow throughout test Bottom Choke Size 3/4 in.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 45 240' Gas in Pipe
45' Gassy, Muddy water - few oil spots Mud
Reversed Out ☒ Yes ☐ No Mud Type B Gel Viscosity 39 Weight 9.7 Maximum Temp. 101 °F
EXTRA EQUIPMENT: Dual Packers ☒ Safety Joint ☐ No Jars: Size No Make Ser. No.
Type Circ. Sub. Plug Type Did Tool Plug? ☐ No Where? Did Packer Hold? ☒ Yes
Length Drill Pipe 2266.40 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ft. I.D. Weight Pipe in. Length Drill Collars ft.
I. D. Drill Collars in. Length D. S. T. Tool 29.60 ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date 3-18-63 Test Ticket No. 2657
Recorder No. 1563 Capacity 3150# Location 2291 Ft.
Clock No. 6861 Elevation 1389' D.F. Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1156</u> P.S.I.	Opened Tool	<u>12:35</u> A	<u>12:35</u> A
B First Initial Flow Pressure	<u>18</u> P.S.I.	First Flow Pressure	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>18</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>604</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>118</u> Mins.
E Second Initial Flow Pressure	<u>23</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>29</u> Mins.
F Second Final Flow Pressure	<u>34</u> P.S.I.			
G Final Closed-in Pressure	<u>414</u> P.S.I.			
H Final Hydrostatic Mud	<u>1140</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>2</u> Inc.	Breakdown: <u>10</u> Inc.	Breakdown: <u>23</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>-</u> Min.	final inc. of <u>-</u> Min.	final inc. of <u>3</u> Min.	final inc. of <u>2</u> Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>18</u>	<u>0</u>	<u>18</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>34</u>
P 2 <u>5</u>	<u>18</u>	<u>3</u>	<u>32</u>	<u>5</u>	<u>23</u>	<u>3</u>	<u>43</u>
P 3 <u>10</u>	<u>18</u>	<u>6</u>	<u>55</u>	<u>10</u>	<u>24</u>	<u>6</u>	<u>57</u>
P 4		<u>9</u>	<u>83</u>	<u>15</u>	<u>24</u>	<u>9</u>	<u>71</u>
P 5		<u>12</u>	<u>124</u>	<u>20</u>	<u>24</u>	<u>12</u>	<u>91</u>
P 6		<u>15</u>	<u>188</u>	<u>25</u>	<u>25</u>	<u>15</u>	<u>124</u>
P 7		<u>18</u>	<u>289</u>	<u>30</u>	<u>25</u>	<u>18</u>	<u>163</u>
P 8		<u>21</u>	<u>383</u>	<u>35</u>	<u>26</u>	<u>21</u>	<u>220</u>
P 9		<u>24</u>	<u>492</u>	<u>40</u>	<u>26</u>	<u>24</u>	<u>301</u>
P10		<u>27</u>	<u>546</u>	<u>45</u>	<u>27</u>	<u>27</u>	<u>379</u>
P11		<u>30</u>	<u>604</u>	<u>50</u>	<u>27</u>	<u>29</u>	<u>414</u>
P12				<u>55</u>	<u>28</u>		
P13				<u>60</u>	<u>28</u>		
P14				<u>65</u>	<u>29</u>		
P15				<u>70</u>	<u>29</u>		
P16				<u>75</u>	<u>30</u>		
P17				<u>80</u>	<u>30</u>		
P18				<u>85</u>	<u>31</u>		
P19				<u>90</u>	<u>31</u>		
P20				<u>95</u>	<u>32</u>		
				<u>100</u>	<u>32</u>		
				<u>105</u>	<u>33</u>		
				<u>110</u>	<u>33</u>		
				<u>115</u>	<u>34</u>		
				<u>118</u>	<u>34</u>		

Kansas Pet. Inc.

Moore #1

Test # 2

T.O. # 2657

