

26-30s-10E

Home Office: Great Bend, Kansas

P. O. Box 793 Gladstone 3-7903

Company National Associated Petroleum Company Lease & Well No. Pickle #1
Elevation 1052' A.B. Ticket Number 4960
Date 10-1-63 Sec. 26 Twp. 30S Range 10E County Ellis State Kansas
Test Approved by David A. Drierley Western Representative Ray H. Rothenbaugh

Formation Test No. 1 O.K. X Misrun _____ Interval Tested From 1984' to 2010' Total Depth 2010'
Size Main Hole 7 7/8" Rat Hole _____ Conv. X B.T. _____ Damaged _____ Yes _____ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
Packer Depth 1984' Ft. Size 6 3/4" Packer Depth _____ Ft. Size _____
Straddle _____ Yes _____ No X Conv. _____ B.T. _____ Damaged _____ Yes _____ No _____
Tool Size 5 1/2" OD Packer Depth _____ Ft. Size _____
Tool Jt. Size 4 1/2" IH Anchor Length 26 Ft. Size 5 1/2" OD

RECORDERS Depth 2002 Ft. Clock No. 6877 Depth 2005 Ft. Clock No. 29
Top Make Amrad Cap. 3150# No. 1565 Inside _____ Outside _____ Bottom Make Western Cap. 3000# No. 29 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 9:47 P
Tool Open I.F.P. From 9:52P M. to 9:55P M. - Hr. 3 Min. From (B) 62 P.S.I. To (C) 62 P.S.I.
Tool Closed I.C.I.P. From 9:55P M. to 10:25P M. - Hr. 30 Min. (D) 730 P.S.I.
Tool Open F.F.P. From 10:25P M. to 12:25A M. 2 Hr. 47 Min. From (E) 47 P.S.I. To (F) 47 P.S.I.
Tool Closed F.C.I.P. From 12:25A M. to 12:55A M. - Hr. 30 Min. (G) 711 P.S.I.
Initial Hydrostatic Pressure (A) 1090 P.S.I. Final Hydrostatic Pressure (H) 1097 P.S.I.

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

BLOW Gas to surface in 3 mins. after tool shut-in., for initial. T.H.T.O. Bottom Choke Size 3/4 in.
Did Well Flow Gas Yes _____ No _____ Recovery Total Ft. 90' Gas and with some of oil

Reversed Out _____ Yes X No _____ Mud Type Chem Viscosity 39 Weight 10.1 Maximum Temp. 101 °F
EXTRA EQUIPMENT: Dual Packers No Safety Joint Yes Jars: Size 3 1/2" FH Make Brown Ser. No. Yes
Type Circ. Sub. Plug Did Tool Plug? No Where? _____ Did Packer Hold? Yes
Length Drill Pipe 104.7 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 112 ft.
I. D. Drill Collars 2.4 in. Length D. S. T. Tool 30 ft.

Remarks _____

WESTERN TESTING CO., INC. Pressure Data

Date 10-14-63 Test Ticket No. 4960
Recorder No. 1565 Capacity 31500 Location 2002 Ft.
Clock No. 6097 Elevation 1052' A.H. Well Temperature 101 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1050</u> P.S.I.	<u>9:47 P</u>	<u>9:47 PM</u>
B First Initial Flow Pressure	<u>62</u> P.S.I.	<u>3</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>62</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>730</u> P.S.I.	<u>120</u> Mins.	<u>117</u> Mins.
E Second Initial Flow Pressure	<u>47</u> P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
F Second Final Flow Pressure	<u>47</u> P.S.I.		
G Final Closed-in Pressure	<u>711</u> P.S.I.		
H Final Hydrostatic Mud	<u>1037</u> P.S.I.		

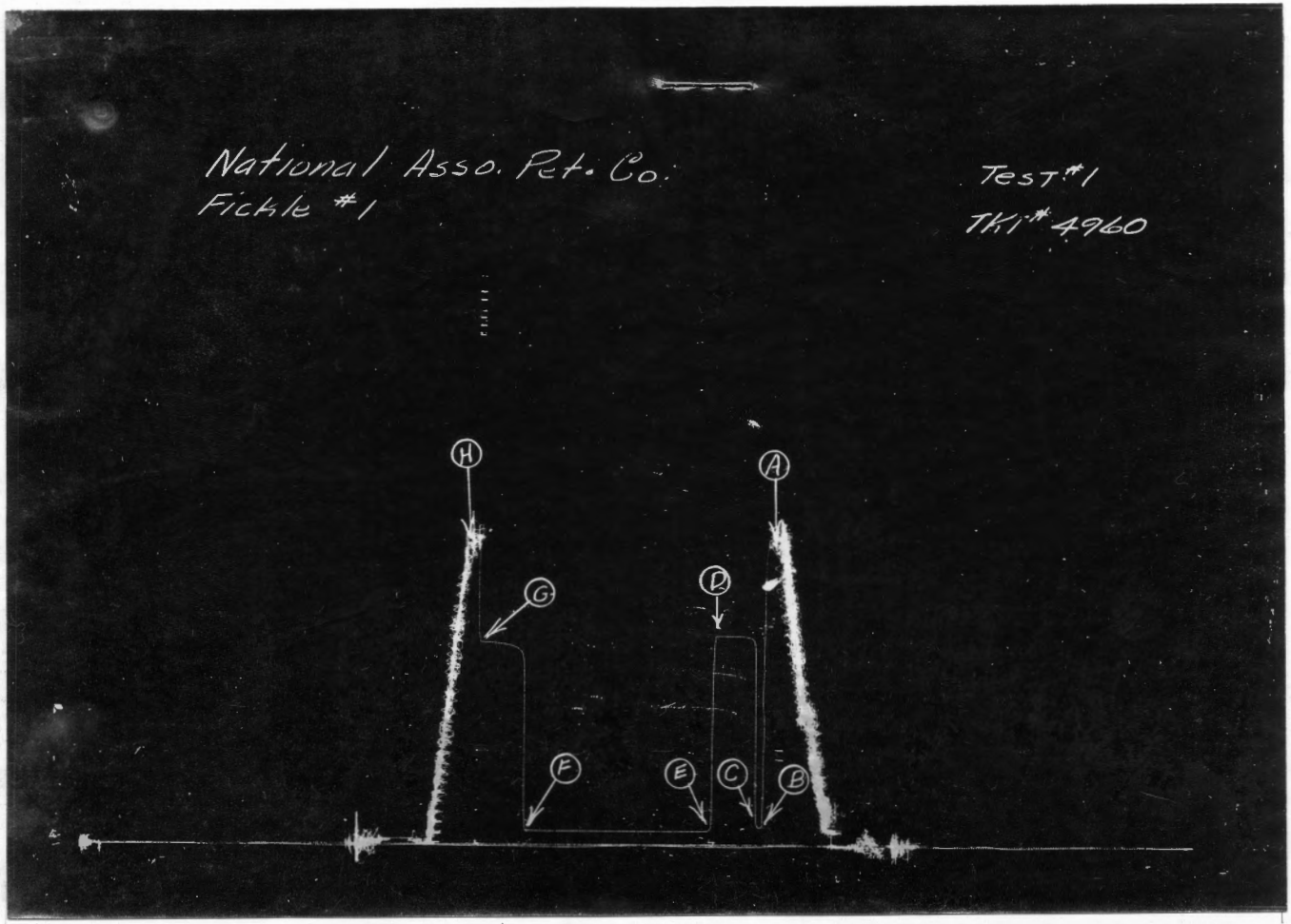
PRESSURE BREAKDOWN

First Flow Press. Breakdown: 1 Inc. of 5 mins. and a final inc. of - Min.
Initial Shut-In Breakdown: 9 Inc. of 3 mins. and a final inc. of - Min.
Second Flow Pressure Breakdown: 23 Inc. of 5 mins. and a final inc. of 2 Min.
Final Shut-In Breakdown: 9 Inc. of 3 mins. and a final inc. of 2 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>62</u>	<u>0</u>	<u>62</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>47</u>
P 2 <u>5</u>	<u>62</u>	<u>3</u>	<u>718</u>	<u>5</u>	<u>47</u>	<u>3</u>	<u>673</u>
P 3		<u>6</u>	<u>726</u>	<u>10</u>	<u>47</u>	<u>6</u>	<u>690</u>
P 4		<u>9</u>	<u>728</u>	<u>15</u>	<u>47</u>	<u>9</u>	<u>696</u>
P 5		<u>12</u>	<u>729</u>	<u>20</u>	<u>47</u>	<u>12</u>	<u>700</u>
P 6		<u>15</u>	<u>729</u>	<u>25</u>	<u>47</u>	<u>15</u>	<u>703</u>
P 7		<u>18</u>	<u>729</u>	<u>30</u>	<u>47</u>	<u>18</u>	<u>706</u>
P 8		<u>21</u>	<u>730</u>	<u>35</u>	<u>47</u>	<u>21</u>	<u>707</u>
P 9		<u>24</u>	<u>730</u>	<u>40</u>	<u>47</u>	<u>24</u>	<u>709</u>
P10		<u>27</u>	<u>730</u>	<u>45</u>	<u>47</u>	<u>27</u>	<u>710</u>
P11				<u>50</u>	<u>47</u>	<u>29</u>	<u>711</u>
P12				<u>55</u>	<u>47</u>		
P13				<u>60</u>	<u>47</u>		
P14				<u>65</u>	<u>47</u>		
P15				<u>70</u>	<u>47</u>		
P16				<u>75</u>	<u>47</u>		
P17				<u>80</u>	<u>47</u>		
P18				<u>85</u>	<u>47</u>		
P19				<u>90</u>	<u>47</u>		
P20				<u>95</u>	<u>47</u>		
				<u>100</u>	<u>47</u>		
				<u>105</u>	<u>47</u>		
				<u>110</u>	<u>47</u>		
				<u>115</u>	<u>47</u>		
				<u>117</u>	<u>47</u>		

National Asso. Pet. Co.
Fickle #1

Test #1
TKI # 4960



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A)	Initial Hydrostatic Mud	1050	PSI
(B)	First Initial Flow Pressure	62	PSI
(C)	First Final Flow Pressure	62	PSI
(D)	Initial Closed-in Pressure	730	PSI
(E)	Second Initial Flow Pressure	47	PSI
(F)	Second Final Flow Pressure	47	PSI
(G)	Final Closed-in Pressure	711	PSI
(H)	Final Hydrostatic Mud	1037	PSI



P. O. BOX 793

PHONE GL 3-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No

4960

Elevation 1052 KBDistrict AUGUSTADate OCT. 14, 1963 Customer Order No. _____COMPANY NAME NATIONAL ASSOC. PET COADDRESS Fifth Floor, Pitts Bldg., Tulsa, OK 63LEASE AND WELL NO. FICKLE #1 COUNTY EIKSTATE Kansas Sec. 26 Twp. 30S Range 10EMail Inv. To SameNo. Copies Requested 1

Co. Name _____

Address _____

Mail Charts To SameNo. Copies Requested 5

Address _____

Formation Test No. 1 O.K. ✓ Misrun — Interval Tested From 1984 to 2010 Total Depth 2010Size Main Hole 2 7/8 Rat Hole — Conv. ✓ B.T. — Damaged — Yes — No — Conv. — B.T. — Damaged — Yes — No —Packer Depth 1984 Ft. Size 6 7/8 Packer Depth — Ft. Size —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 1 1/2 Anchor Length 26 Ft. Size 5 1/2 O.D.RECORDERS Depth 2004 Ft. Clock No. 6897Depth 2005 Ft. Clock No. 29Top Make KUSTOP Cap. 3150 No. 1565 Inside — Outside —Bottom Make WTC Cap. 3000 No. 29 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 947 AMTool Open I.F.P. From 9:52 AM to 9:53 AM Hr. 3 Min. From (B) 47" P.S.I. To (C) 47" P.S.I.Tool Closed I.C.I.P. From 9:53 AM to 10:23 AM Hr. 30 Min. (D) 731" P.S.I.Tool Open F.F.P. From 10:23 AM to 12:25 AM Hr. 2 Min. From (E) 39" P.S.I. To (F) 50" P.S.I.Tool Closed F.C.I.P. From 12:25 AM to 12:35 AM Hr. 30 Min. (G) 706" P.S.I.Initial Hydrostatic Pressure (A) 1101" P.S.I. Final Hydrostatic Pressure (H) 1093" P.S.I.SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW GGS TO SURFACE IN 3 MIN AFTER TOOL SHUT IN FOR INITIAL TWIG Bottom Choke Size 3/4 in.Did Well Flow GGS Yes — No — Recovery Total Ft. 90' GGSY Mud. With SGMA of 0.16.Reversed Out — Yes — No — Mud Type chem Viscosity 39 Weight 104 Maximum Temp. 101° °FEXTRA EQUIPMENT: Dual Packers NO Safety Joint YES Jars: Size 3 1/2 EA Make BOWEN Ser. No. 606Type Circ. Sub. PLUG TYPE Did Tool Plug? NO Where? — Did Packer Hold? YESLength Drill Pipe 147.20 ft. I. D Drill Pipe 3.8 in. Length Weight Pipe — ft. I. D. Weight Pipe — in. Length Drill Collars 112 ft.I. D. Drill Collars 2.4 in. Length D. S. T. Tool 50.5 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 for at cost by the party for whom the test is made.

All charges subject to 6% 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 \$ 210.00Straddle Test \$ —Jars \$ 100.00Selective Zone \$ —Safety Joint \$ N.C.Misrun \$ —Total \$ 310.00Test Approved By D. A. Brinkley
Signature of Customer or his
Authorized RepresentativeWestern Representative R. H. RodenbaughOperator's Time 9AR