

15-095-20062



21-295-8w

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Pickrell Drlg. Co. Lease & Well No. Hageman E#1

Elevation 1648 Kelly Bushing Formation Mississippian Effective Pay _____ Ft. Ticket No. 10049

Date 1-12-68 Sec. 21 Twp. 29s Range 8w County Kingman State Kansas

Test Approved by Dan Bowles Western Representative George Tew

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 4223' to 4245' Total Depth 4245'

Size Main Hole 7 7/8 Rat Hole none Conv. _____ B.T. Damaged Yes No Conv. B.T. _____ Damaged Yes _____ No

Packer Depth 4223 Ft. Size 6 3/4 Packer Depth 4218 Ft. Size 6 3/4

Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No

Packer Depth _____ Ft. Size _____

Tool Size 5 1/2"OD Tool Jt. Size 4 1/2"FH Anchor Length 22 Ft. Size 5 1/2"OD

RECORDERS Depth 4237 Ft. Clock No. 6896 Depth 4240 Ft. Clock No. 6866

Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4300 No. 1566 Inside Outside

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

Top Make _____ Cap. _____ No. _____ Inside _____ Bottom Make _____ Cap. _____ No. _____ Outside _____

Time Set Packer 1:07 P. M

Tool Open I.F.P. From 1:10 M. to 1:20 P M. Hr. 10 Min. From (B) 92 P.S.I. To (C) 111 P.S.I.

Tool Closed I.C.I.P. From 1:20 M. to 1:50 P M. Hr. 30 Min. (D) 1542 P.S.I.

Tool Open F.F.P. From 1:50 M. to 3:20 P M. 1 Hr. 30 Min. From (E) 137 P.S.I. To (F) 511 P.S.I.

Tool Closed F.C.I.P. From 3:20 M. to 4:20 P M. 1 Hr. -- Min. (G) 1504 P.S.I.

Initial Hydrostatic Pressure (A) 2286 P.S.I. Final Hydrostatic Pressure (H) 2269 P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Good blow throughout. Bottom Choke Size 3/4 In.

Did Well Flow Yes No _____ Recovery Total Ft. 990 feet muddy to slightly muddy salt water with spots of oil.

Reversed Out Yes No _____ Mud Type starch Viscosity 52 Weight 10.2 Water Loss 8.6 cc. Maximum Temp. 127 °F

Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____

Length Drill Pipe 3333 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 870 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 42 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 1-12-68 Test Ticket No. 10049
 Recorder No. 3086 Capacity 4500 Location 4237 Ft.
 Clock No. 6896 Elevation 1648 Kelly Bushing Well Temperature 127 °F

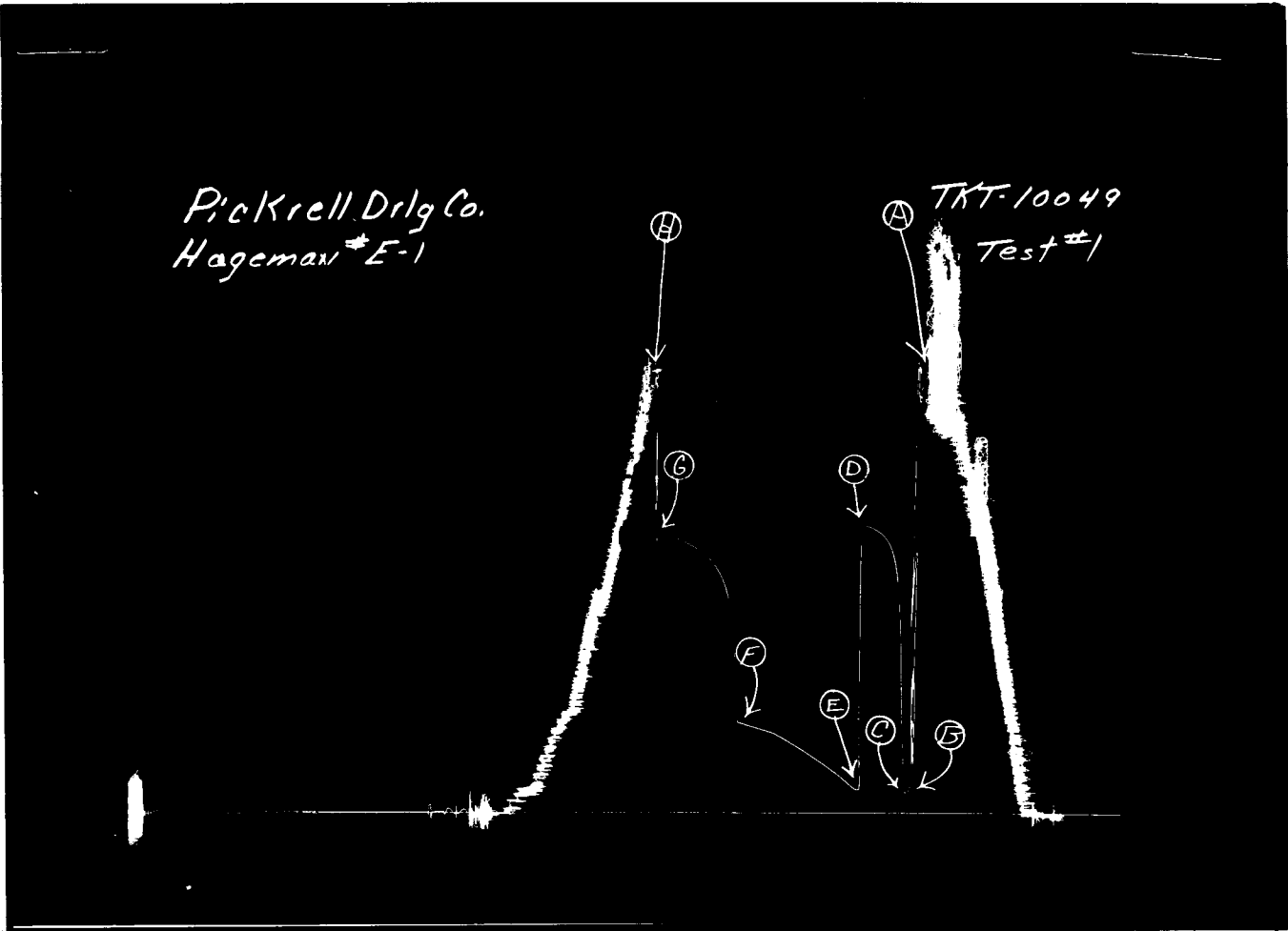
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2286</u>	P.S.I.	<u>1:07 P.</u>	<u>M</u>
B First Initial Flow Pressure	<u>92</u>	P.S.I.	<u>10</u> Mins.	<u>9</u> Mins.
C First Final Flow Pressure	<u>111</u>	P.S.I.	<u>30</u> Mins.	<u>32</u> Mins.
D Initial Closed-in Pressure	<u>1542</u>	P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>137</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>511</u>	P.S.I.		
G Final Closed-in Pressure	<u>1504</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2269</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>18</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>4</u> Min.		final inc. of <u>2</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>92</u>	<u>0</u>	<u>111</u>	<u>0</u>	<u>137</u>	<u>0</u>	<u>511</u>
P 2 <u>5</u>	<u>plugging</u>	<u>3</u>	<u>590</u>	<u>5</u>	<u>156</u>	<u>3</u>	<u>762</u>
P 3 <u>9</u>	<u>111</u>	<u>6</u>	<u>1002</u>	<u>10</u>	<u>196</u>	<u>6</u>	<u>972</u>
P 4 _____	_____	<u>9</u>	<u>1355</u>	<u>15</u>	<u>217</u>	<u>9</u>	<u>1136</u>
P 5 _____	_____	<u>12</u>	<u>1430</u>	<u>20</u>	<u>253</u>	<u>12</u>	<u>1225</u>
P 6 _____	_____	<u>15</u>	<u>1462</u>	<u>25</u>	<u>279</u>	<u>15</u>	<u>1304</u>
P 7 _____	_____	<u>18</u>	<u>1488</u>	<u>30</u>	<u>305</u>	<u>18</u>	<u>1341</u>
P 8 _____	_____	<u>21</u>	<u>1506</u>	<u>35</u>	<u>329</u>	<u>21</u>	<u>1355</u>
P 9 _____	_____	<u>24</u>	<u>1520</u>	<u>40</u>	<u>350</u>	<u>24</u>	<u>1378</u>
P10 _____	_____	<u>27</u>	<u>1532</u>	<u>45</u>	<u>374</u>	<u>27</u>	<u>1399</u>
P11 _____	_____	<u>30</u>	<u>1539</u>	<u>50</u>	<u>398</u>	<u>30</u>	<u>1420</u>
P12 _____	_____	<u>32</u>	<u>1542</u>	<u>55</u>	<u>421</u>	<u>33</u>	<u>1434</u>
P13 _____	_____	_____	_____	<u>60</u>	<u>443</u>	<u>36</u>	<u>1441</u>
P14 _____	_____	_____	_____	<u>65</u>	<u>459</u>	<u>39</u>	<u>1451</u>
P15 _____	_____	_____	_____	<u>70</u>	<u>471</u>	<u>42</u>	<u>1460</u>
P16 _____	_____	_____	_____	<u>75</u>	<u>488</u>	<u>45</u>	<u>1469</u>
P17 _____	_____	_____	_____	<u>80</u>	<u>500</u>	<u>48</u>	<u>1479</u>
P18 _____	_____	_____	_____	<u>85</u>	<u>506</u>	<u>51</u>	<u>1486</u>
P19 _____	_____	_____	_____	<u>90</u>	<u>511</u>	<u>54</u>	<u>1493</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>1502</u>
						<u>60</u>	<u>1504</u>

Pickrell Drilling Co.
Hageman #E-1

TKT-10049
Test #1



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2290	2286	PSI
(B) First Initial Flow Pressure	106	92	PSI
(C) First Final Flow Pressure	106	111	PSI
(D) Initial Closed-in Pressure	1555	1542	PSI
(E) Second Initial Flow Pressure	130	137	PSI
(F) Second Final Flow Pressure	510	511	PSI
(G) Final Closed-in Pressure	1497	1504	PSI
(H) Final Hydrostatic Mud	2280	2269	PSI