



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

Company K & E Drilling Inc. Lease & Well No. Sechler #1
Elevation _____ Formation Indian Cave Effective Pay _____ Ft. Ticket No. 15051
Date 8-23-70 Sec. 33 Twp. 32 Range 7 County Harper State Kansas
Test Approved by Roger McCoy Western Representative Leon Elmore

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 2504' to 2532' Total Depth 2532'
Size Main Hole 7 7/8" Cat Hole _____ Conv. B.T. _____ Damaged _____ Yes No Conv. _____ B.T. Damaged _____ Yes No
Packer Depth 2499 Ft. Size 6 3/4" Packer Depth 2504 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" F.H. Anchor Length 28 Ft. Size 5 1/2" O.D.

RECORDERS Depth 2523 Ft. Clock No. 6866 Depth 2526 Ft. Clock No. 8377
Top Make Kuster Cap. 4500 No. 3085 ~~Inside~~ Outside Bottom Make Kuster Cap. 4400 No. 2603 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Depth _____ Ft. Clock No. _____
Top Make _____ Cap. _____ No. _____ ~~Inside~~ Outside Bottom Make _____ Cap. _____ No. _____ ~~Inside~~ Outside

Time Set Packer 3:40 A.M.
Tool Open I.F.P. From _____ M. to _____ M. Hr. _____ 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 3:48 M. to 4:18A. M. Hr. 30 Min. From (E) 14 P.S.I. To (F) 14 P.S.I.
Tool Closed F.C.I.P. From 4:18 M. to 4:48A. M. Hr. 30 Min. (G) 24 P.S.I.
Initial Hydrostatic Pressure (A) 1389 P.S.I. Final Hydrostatic Pressure (H) 1378 P.S.I.

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

BLOW No blow Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes No _____ Recovery Total Ft. None

Reversed Out _____ Yes No _____ Mud Type Starch Viscosity 31 Weight 9.7 Water Loss 19.2 cc. Maximum Temp. 107 °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 2484 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 48 ft.

Remarks Open Hyd. tool - No blow - Flushed 3 min. - no blow

WESTERN TESTING CO., INC.
Pressure Data

Date 8-23-70

Test Ticket No. 15051

Recorder No. 3085

Capacity 4500

Location 2523 Ft.

Clock No. 6866

Elevation Not Available

Well Temperature 107 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1389</u> P.S.I.	Open Tool	<u>3:40 A.</u> M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>14</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>14</u> P.S.I.			
G Final Closed-in Pressure	<u>24</u> P.S.I.			
H Final Hydrostatic Mud	<u>1378</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Point Minutes	Initial Shut-In	Point Minutes	Second Flow Pressure	Point Minutes	Final Shut-In
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.		Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.		Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.		Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.
	Press.		Press.		Press.		Press.
P 1				0	14	0	14
P 2	<u>Did Not Take</u>		<u>Did Not Take</u>	5	14	3	15
P 3				10	14	6	16
P 4				15	14	9	17
P 5				20	14	12	18
P 6				25	14	15	19
P 7				30	14	18	20
P 8						21	21
P 9						24	22
P10						27	23
P11						30	24
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1395	1389	PSI
(B) First Initial Flow Pressure			PSI
(C) First Final Flow Pressure			PSI
(D) Initial Closed-in Pressure			PSI
(E) Second Initial Flow Pressure	11	14	PSI
(F) Second Final Flow Pressure	11	14	PSI
(G) Final Closed-in Pressure	18	24	PSI
(H) Final Hydrostatic Mud	1384	1378	PSI



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Company K & E Drilling Inc. Lease & Well No. Sechler #1

Elevation _____ Formation Topeka Effective Pay _____ Ft. Ticket No. 15052

Date 8-23-70 Sec. 33 Twp. 32 Range 7 County Harper State Kansas

Test Approved by Roger McCoy Western Representative Leon Elmore

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 2858' to 2872' Total Depth 2872'

Size Main Hole 7 7/8 Cat Hole _____ Conv. B.T. _____ Damaged _____ Yes No Conv. _____ B.T. Damaged _____ Yes No

Packer Depth 2853 Ft. Size 6 3/4" Packer Depth 2858 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" F.H. Anchor Length 14 Ft. Size 5 1/2" O.D.

RECORDERS Depth 2863 Ft. Clock No. 6866 Depth 2866 Ft. Clock No. 8377

Top Make Kuster Cap. 4500 No. 3085 ~~Inside~~ Outside Bottom Make Kuster Cap. 4400 No. 2603 ~~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 10:15 P.M.

Tool Open I.F.P. From 10:23 M. to 10:28 P.M. Hr. 5 Min. From (B) 241 P.S.I. To (C) 1187 P.S.I.

Tool Closed I.C.I.P. From 10:28 M. to 10:58 P.M. Hr. 30 Min. (D) 1271 P.S.I.

Tool Open F.F.P. From 10:58 M. to 11:58 P.M. Hr. 60 Min. From (E) 380 P.S.I. To (F) 771 P.S.I.

Tool Closed F.C.I.P. From 11:58 M. to 12:28 P.M. Hr. 30 Min. (G) 1267 P.S.I.

Initial Hydrostatic Pressure (A) 1751 P.S.I. Final Hydrostatic Pressure (H) 1739 P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Strong Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes No _____ Recovery Total Ft. 1450 feet salt water

Reversed Out _____ Yes No _____ Mud Type Starch Viscosity 38 Weight 10.3 Water Loss 38 cc. Maximum Temp. 114 °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 2838 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 34 ft.

Remarks Open tool for final flow - tool plugged - flush - strong blow

WESTERN TESTING CO., INC.
Pressure Data

Date 8-23-70 Recorder No. 3085 Capacity 4500 Test Ticket No. 15052
 Clock No. 6866 Elevation Not available Location 2863 Ft.
 Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1751</u> P.S.I.	Open Tool	<u>10:15</u> P. M.	
B First Initial Flow Pressure	<u>241</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>1187</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1271</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>380</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>771</u> P.S.I.			
G Final Closed-in Pressure	<u>1267</u> P.S.I.			
H Final Hydrostatic Mud	<u>1739</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Initial Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.
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Point	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>241</u>	<u>0</u>	<u>1187</u>	<u>0</u>	<u>To much plugging</u>	<u>0</u>	<u>771</u>
P 2	<u>1187</u>	<u>3</u>	<u>1268</u>	<u>5</u>	<u>action for break</u>	<u>3</u>	<u>1256</u>
P 3		<u>6</u>	<u>1270</u>	<u>10</u>	<u>down</u>	<u>6</u>	<u>1261</u>
P 4		<u>9</u>	<u>1271</u>	<u>15</u>		<u>9</u>	<u>1263</u>
P 5		<u>12</u>	<u>1271</u>	<u>20</u>	<u>380</u>	<u>12</u>	<u>1264</u>
P 6		<u>15</u>	<u>1271</u>	<u>25</u>	<u>435</u>	<u>15</u>	<u>1265</u>
P 7		<u>18</u>	<u>1271</u>	<u>30</u>	<u>512</u>	<u>18</u>	<u>1265</u>
P 8		<u>21</u>	<u>1271</u>	<u>35</u>	<u>548</u>	<u>21</u>	<u>1266</u>
P 9		<u>24</u>	<u>1271</u>	<u>40</u>	<u>616</u>	<u>24</u>	<u>1266</u>
P10		<u>27</u>	<u>1271</u>	<u>45</u>	<u>662</u>	<u>27</u>	<u>1267</u>
P11		<u>30</u>	<u>1271</u>	<u>50</u>	<u>697</u>	<u>30</u>	<u>1267</u>
P12				<u>55</u>	<u>732</u>		
P13				<u>60</u>	<u>771</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1776	1751	PSI
(B) First Initial Flow Pressure		241	PSI
(C) First Final Flow Pressure	1152	1187	PSI
(D) Initial Closed-in Pressure	1268	1271	PSI
(E) Second Initial Flow Pressure	382	380	PSI
(F) Second Final Flow Pressure	780	771	PSI
(G) Final Closed-in Pressure	1268	1267	PSI
(H) Final Hydrostatic Mud	1753	1739	PSI