



Home Office: Great Bend, Kansas

P. O. Box 793

(316) 793-7903

6

Company **Kansas Petroleum Inc.** Lease & Well No. **Wilson #1**

Elevation **1351 Kelly Bushings** Formation **Indian Cave** Effective Pay _____ Ft. Ticket No. **15624**

Date **5-15-71** Sec. **30** Twp. **24S** Range **4E** County **Butler** State **Kansas**

Test Approved by **R. Kenneth Smith** Western Representative **George Tew**

Formation Test No. **1** O.K. ☒ Misrun _____ Interval Tested From **749'** to **784'** Total Depth **784'**

Size Main Hole **7 7/8"** Rat Hole **None** Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No

Packer Depth **749** Ft. Size **6 3/4"** Packer Depth **745** Ft. Size **6 3/4"**

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

Tool Size **5 1/2" O.D.** Tool Jt. Size **4 1/2" X.H.** Anchor Length **35** Ft. Size **5 1/2" O.D.**

RECORDERS Depth **774** Ft. Clock No. **6896** Depth **777** Ft. Clock No. **6892**

Top Make **Kuster** Cap. **4500** No. **3086** Inside **Outside** Bottom Make **Kuster** Cap. **4300** No. **1556** Inside **Outside**

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

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

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

Time Set Packer **5:08** **A.** M

Tool Open I.F.P. From **5:10** M. to **5:40A.** M. Hr. **30** Min. From (B) **14** P.S.I. To (C) **49** P.S.I.

Tool Closed I.C.I.P. From **5:40** M. to **6:10A.** M. Hr. **30** Min. (D) **285** P.S.I.

Tool Open F.F.P. From **6:10** M. to **6:40A.** M. Hr. **30** Min. From (E) **68** P.S.I. To (F) **104** P.S.I.

Tool Closed F.C.I.P. From **6:40** M. to **7:10A.** M. Hr. **30** Min. (G) **281** P.S.I.

Initial Hydrostatic Pressure (A) **343** P.S.I. Final Hydrostatic Pressure (H) **340** P.S.I.

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

INFORMATION _____ M. _____ M. _____ M. _____

BLOW **Fair diminishing to weak** Bottom Choke Size **3/4** In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **200 feet salt water**

Reversed Out _____ Yes ☒ No _____ Mud Type **Chem.** Viscosity **39** Weight **9.6** Water Loss _____ cc. Maximum Temp. **94** °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 _____ ft. I.D. Drill Pipe _____ in. Length Weight Pipe **339** ft. I.D. Weight Pipe **2.7** in. Length Drill Collars **390** ft.

I. D. Drill Collars **2 1/4** in. Length D.S.T. Tool **55** ft.

Remarks _____

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WESTERN TESTING CO., INC. Pressure Data

Date **5-15-71** Test Ticket No. **15624**
Recorder No. **3086** Capacity **4500** Location **774** Ft.
Clock No. **6896** Elevation **1351 Kelly Bushings** Well Temperature **94** °F

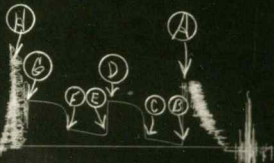
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	343	P.S.I.	5:08 A.	
B First Initial Flow Pressure	14	P.S.I.	30	29
C First Final Flow Pressure	49	P.S.I.	30	29
D Initial Closed-in Pressure	285	P.S.I.	30	30
E Second Initial Flow Pressure	68	P.S.I.	30	30
F Second Final Flow Pressure	104	P.S.I.		
G Final Closed-in Pressure	281	P.S.I.		
H Final Hydrostatic Mud	340	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 5 Inc.		Breakdown: 9 Inc.		Breakdown: 6 Inc.		Breakdown: 10 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 4 Min.		final inc. of 2 Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	14	0	49	0	68	0	104
P 2 5	18	3	217	5	68	3	232
P 3 10	26	6	246	10	73	6	253
P 4 15	35	9	260	15	85	9	263
P 5 20	42	12	267	20	90	12	267
P 6 25	47	15	272	25	99	15	272
P 7 29	49	18	277	30	104	18	274
P 8 _____		21	279			21	277
P 9 _____		24	281			24	279
P10 _____		27	284			27	280
P11 _____		29	285			30	281
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

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TKT-15624-T





Home Office: Great Bend, Kansas

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Company **Kansas Petroleum Inc.** Lease & Well No. **Hilson #1**

Elevation **1351 Kelly Bushings** Formation **Burgess Sand** Effective Pay _____ Ft. Ticket No. **14686**

Date **5-18-71** Sec. **30** Twp. **24** Range **4** County **Butler** State **Kansas**

Test Approved by **R. Kenneth Smith** Western Representative **Leon Elmore**

Formation Test No. **2** O.K. ☒ Misrun _____ Interval Tested From **2682'** to **2700'** Total Depth **2700'**

Size Main Hole **7 7/8"** Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No

Packer Depth **2677** Ft. Size **6 3/4** Packer Depth **2682** 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 **18** Ft. Size **5 1/2" O.D.**

RECORDERS Depth **2691** Ft. Clock No. **6866** Depth **2694** 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 _____

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

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

Time Set Packer **2:37** P.M.

Tool Open I.F.P. From **2:40** M. to **2:55P.** Hr. **15** Min. From (B) **11** P.S.I. To (C) **11** P.S.I.

Tool Closed I.C.I.P. From **2:55** M. to **3:25P.** Hr. **30** Min. (D) **16** P.S.I.

Tool Open F.F.P. From **3:25** M. to **3:40P.** Hr. **15** Min. From (E) **11** P.S.I. To (F) **11** P.S.I.

Tool Closed F.C.I.P. From **3:40** M. to **4:10P.** Hr. **30** Min. (G) **11** P.S.I.

Initial Hydrostatic Pressure (A) **1402** P.S.I. Final Hydrostatic Pressure (H) **1391** P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW **Weak for 14 min. - died** Bottom Choke Size **3/4** In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **2 feet mud**

Reversed Out _____ Yes ☒ No _____ Mud Type **Chem.** Viscosity **40** Weight **10.1** Water Loss **10.8** cc. Maximum Temp. **110** °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 **2264** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars **398** ft.

I. D. Drill Collars **2 1/4** in. Length D.S.T. Tool **38** ft.

Remarks _____

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WESTERN TESTING CO., INC.

Pressure Data

Date 5-18-71 Recorder No. 3085 Capacity 4500 Test Ticket No. 14686
 Clock No. 6866 Elevation 1351 Kelly Bushings Location 2691 Ft. 110 °F

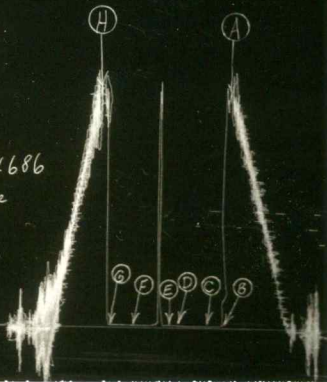
Point	Pressure		Time Given	P.	Time Computed
A Initial Hydrostatic Mud	<u>1402</u>	P.S.I.	<u>2:40</u>	M	
B First Initial Flow Pressure	<u>11</u>	P.S.I.	<u>15</u>	Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>11</u>	P.S.I.	<u>30</u>	Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>16</u>	P.S.I.	<u>15</u>	Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>11</u>	P.S.I.	<u>30</u>	Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>11</u>	P.S.I.			
G Final Closed-in Pressure	<u>11</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1391</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>11</u>	<u>0</u>	<u>11</u>	<u>0</u>	<u>11</u>	<u>0</u>	<u>11</u>
P 2 <u>5</u>	<u>11</u>	<u>3</u>	<u>11</u>	<u>5</u>	<u>11</u>	<u>3</u>	<u>11</u>
P 3 <u>10</u>	<u>11</u>	<u>6</u>	<u>11</u>	<u>10</u>	<u>11</u>	<u>6</u>	<u>11</u>
P 4 <u>15</u>	<u>11</u>	<u>9</u>	<u>11</u>	<u>15</u>	<u>11</u>	<u>9</u>	<u>11</u>
P 5 _____		<u>12</u>	<u>12</u>			<u>12</u>	<u>11</u>
P 6 _____		<u>15</u>	<u>12</u>			<u>15</u>	<u>11</u>
P 7 _____		<u>18</u>	<u>13</u>			<u>18</u>	<u>11</u>
P 8 _____		<u>21</u>	<u>13</u>			<u>21</u>	<u>11</u>
P 9 _____		<u>24</u>	<u>14</u>			<u>24</u>	<u>11</u>
P10 _____		<u>27</u>	<u>15</u>			<u>27</u>	<u>11</u>
P11 _____		<u>30</u>	<u>16</u>			<u>30</u>	<u>11</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

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T.N.T.#14686
Inside





Home Office: Great Bend, Kansas
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30-24-40

Company Kansas Petroleum Inc. Lease & Well No. Wilson #1

Elevation 1351 Kelly Bushings Formation Burgess Sand Effective Pay _____ Ft. Ticket No. 14687

Date 5-18-71 Sec. 30 Twp. 24 Range 4 County Butler State Kansas

Test Approved by R. Kenneth Smith Western Representative Leon Elmore

Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 2683' to 2707' Total Depth 2707'

Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No

Packer Depth 2778 Ft. Size 6 3/4" Packer Depth 2783 Ft. Size 6 3/4"

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

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 24 Ft. Size 5 1/2" O.D.

RECORDERS	Depth	Ft.	Clock No.	Inside	Depth	Ft.	Clock No.	Inside
Top Make <u>Kuster</u> Cap. <u>4500</u> No. <u>3085</u>	<u>2698</u>		<u>6866</u>	<u>Outside</u>	Bottom Make <u>Kuster</u> Cap. <u>4400</u> No. <u>2603</u>	<u>2701</u>	<u>8377</u>	<u>Inside</u>
Below Straddle: Depth _____ Clock No. _____				<u>Inside</u>	Depth _____ Ft. _____ Clock No. _____			<u>Inside</u>
Top Make _____ Cap. _____ No. _____				<u>Outside</u>	Bottom Make _____ Cap. _____ No. _____			<u>Inside</u>

Time Set Packer 11:31 P. M.

Tool Open I.F.P. From 11:34 M. to 11:49P. Hr. 15 Min. From (B) 18 P.S.I. To (C) 16 P.S.I.

Tool Closed I.C.I.P. From 11:49 M. to 12:19A. Hr. 30 Min. (D) 151 P.S.I.

Tool Open F.F.P. From 12:19 M. to 12:34A. Hr. 15 Min. From (E) 16 P.S.I. To (F) 16 P.S.I.

Tool Closed F.C.I.P. From 12:34 M. to 1:04A. Hr. 30 Min. (G) 48 P.S.I.

Initial Hydrostatic Pressure (A) 1409 P.S.I. Final Hydrostatic Pressure (H) 1397 P.S.I.

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

BLOW Weak for 7 min. died Bottom Choke Size 3/4 In.

Did Well Flow Yes ☒ No _____ Recovery Total Ft. 5 feet mud

Reversed Out Yes ☒ No _____ Mud Type Chem. Viscosity 40 Weight 10.1 Water Loss 10.8 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 2265 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 398 ft.

I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 44 ft.

Remarks _____

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WESTERN TESTING CO., INC. Pressure Data

Date 5-18-71 Recorder No. 3085 Capacity 4500 Test Ticket No. 14687
Clock No. 6866 Elevation 1351 Kelly Bushings Location 2698 Ft. 107 °F

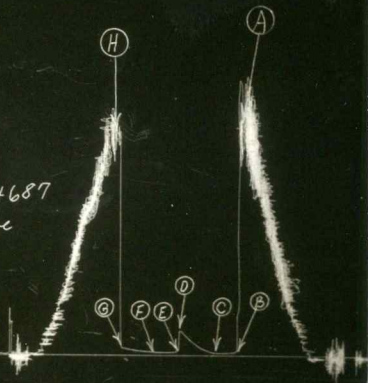
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1409</u>	P.S.I.	<u>11:34</u> P.	M
B First Initial Flow Pressure	<u>18</u>	P.S.I.	<u>15</u>	Mins. <u>15</u> Mins.
C First Final Flow Pressure	<u>16</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>151</u>	P.S.I.	<u>15</u>	Mins. <u>15</u> Mins.
E Second Initial Flow Pressure	<u>16</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
F Second Final Flow Pressure	<u>16</u>	P.S.I.		
G Final Closed-in Pressure	<u>48</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1397</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ 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>16</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>16</u>
P 2 <u>5</u>	<u>16</u>	<u>3</u>	<u>16</u>	<u>5</u>	<u>16</u>	<u>3</u>	<u>16</u>
P 3 <u>10</u>	<u>16</u>	<u>6</u>	<u>18</u>	<u>10</u>	<u>16</u>	<u>6</u>	<u>17</u>
P 4 <u>15</u>	<u>16</u>	<u>9</u>	<u>21</u>	<u>15</u>	<u>16</u>	<u>9</u>	<u>18</u>
P 5 _____		<u>12</u>	<u>33</u>			<u>12</u>	<u>21</u>
P 6 _____		<u>15</u>	<u>47</u>			<u>15</u>	<u>24</u>
P 7 _____		<u>18</u>	<u>64</u>			<u>18</u>	<u>27</u>
P 8 _____		<u>21</u>	<u>83</u>			<u>21</u>	<u>31</u>
P 9 _____		<u>24</u>	<u>102</u>			<u>24</u>	<u>35</u>
P10 _____		<u>27</u>	<u>126</u>			<u>27</u>	<u>43</u>
P11 _____		<u>30</u>	<u>151</u>			<u>30</u>	<u>48</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

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T.K.T.#14687
Inside





Home Office: Great Bend, Kansas

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Kansas Petroleum Inc.

Wilson #1

Company 1351 Kelly Bushings Burgess Sand Lease & Well No. 11
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. 14688
Date 5-19-71 Sec. 30 Twp. 24 Range 4 County Butler State Kansas
Test Approved by R. Kenneth Smith Western Representative Leon Elmore

Formation Test No. 4 O.K. ☒ Misrun _____ Interval Tested From 2704' to 2715' Total Depth 2715'
Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 2699 Ft. Size 6 3/4" Packer Depth 2704 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 11 Ft. Size 5 1/2" O.D.

RECORDERS Depth 2708 Ft. Clock No. 6866 Depth 2711 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 _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 8:09 A.M.
Tool Open I.F.P. From 8:13 M. to 8:28A. M. Hr. 15 Min. From (B) 5 P.S.I. To (C) 5 P.S.I.
Tool Closed I.C.I.P. From 8:28 M. to 8:58A. M. Hr. 30 Min. (D) 713 P.S.I.
Tool Open F.F.P. From 8:58 M. to 9:13A. M. Hr. 15 Min. From (E) 5 P.S.I. To (F) 5 P.S.I.
Tool Closed F.C.I.P. From 9:13 M. to 9:43A. M. Hr. 30 Min. (G) 643 P.S.I.
Initial Hydrostatic Pressure (A) 1419 P.S.I. Final Hydrostatic Pressure (H) 1396 P.S.I.

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

BLOW Weak for 15 min. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 10 feet mud with scum of oil - show of free oil on top of
1001

Reversed Out _____ Yes ☒ No _____ Mud Type Chem. Viscosity 40 Weight 10.1 Water Loss 10.8 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 2266 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 398 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 31 ft.

Remarks

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WESTERN TESTING CO., INC.

Pressure Data

30-24-4E

Date **5-19-71** Recorder No. **3085** Capacity **4500** Test Ticket No. **14688**
 Clock No. **6866** Elevation **1351 Kelly Bushings** Location **2708** Ft.
 Well Temperature **107** °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1419 P.S.I.	8:13 A.	
B First Initial Flow Pressure	5 P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	5 P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	713 P.S.I.	15 Mins.	15 Mins.
E Second Initial Flow Pressure	5 P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure	5 P.S.I.		
G Final Closed-in Pressure	643 P.S.I.		
H Final Hydrostatic Mud	1396 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	5	P 1	5	P 1	5	P 1	5
P 2	5	P 2	16	P 2	5	P 2	8
P 3	5	P 3	69	P 3	5	P 3	21
P 4	5	P 4	186	P 4	5	P 4	48
P 5		P 5	363	P 5		P 5	83
P 6		P 6	539	P 6		P 6	174
P 7		P 7	627	P 7		P 7	310
P 8		P 8	667	P 8		P 8	442
P 9		P 9	692	P 9		P 9	539
P10		P10	706	P10		P10	604
P11		P11	713	P11		P11	643
P12				P12			
P13				P13			
P14				P14			
P15				P15			
P16				P16			
P17				P17			
P18				P18			
P19				P19			
P20				P20			

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T.K.T. # 14688
Outside

(H)

(A)

(G)

(D)

(F)

(E)

(C)

(B)



Home Office: Great Bend, Kansas

P. O. Box 793

(316) 793-7903

30-24-48

Company **Kansas Petroleum Inc.** Lease & Well No. **Wilson #1**

Elevation **1351 Kelly Bushings** Formation **8' Sand 4' Mississippian** Effective Pay _____ Ft. Ticket No. **14689**

Date **5-19-71** Sec. **30** Twp. **24** Range **4** County **Butler** State **Kansas**

Test Approved by **R. Kenneth Smith** Western Representative **Leon Elmore**

Formation Test No. **5** O.K. ☒ Misrun _____ Interval Tested From **2715'** to **2727'** Total Depth **2727'**

Size Main Hole **7 7/8"** Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No Conv. _____ B.T. _____ Damaged Yes ☒ No

Packer Depth **2710** Ft. Size **6 3/4"** Packer Depth **2715** 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 **12** Ft. Size **5 1/2" O.D.**

RECORDERS	Depth 2719	Ft.	Clock No. 6866	Depth 2722	Ft.	Clock No. 8377	
	Top Make Kuster	Cap. 4500	No. 3085	Inside Kuster	Cap. 4400	No. 2603	Inside Kuster
				Bottom Make			Bottom Make
Below Straddle: Depth			Clock No.				Clock No.
Top Make			Cap.				Cap.
			No.				No.

Time Set Packer **3:34** P. M

Tool Open I.F.P. From **3:47** M. to **4:02P.** Hr. **15** Min. From (B) **4** P.S.I. To (C) **4** P.S.I.

Tool Closed I.C.I.P. From **4:02** M. to **4:32P.** Hr. **30** Min. (D) **734** P.S.I.

Tool Open F.F.P. From **4:32** M. to **4:47P.** Hr. **15** Min. From (E) **7** P.S.I. To (F) **7** P.S.I.

Tool Closed F.C.I.P. From **4:47** M. to **5:17P.** Hr. **30** Min. (G) **653** P.S.I.

Initial Hydrostatic Pressure (A) **1416** P.S.I. Final Hydrostatic Pressure (H) **1401** P.S.I.

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

BLOW **Weak for 15 min.** Bottom Choke Size **3/4** In.

Did Well Flow Yes ☒ No _____ Recovery Total Ft. **10 feet oil spotted mud**

Reversed Out Yes ☒ No _____ Mud Type **Chem.** Viscosity **40** Weight **10.1** Water Loss **11.2** cc. Maximum Temp. **105** °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 **2297** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars **398** ft.

I. D. Drill Collars **2 1/4** in. Length D.S.T. Tool **32** ft.

Remarks _____

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WESTERN TESTING CO., INC.

Pressure Data

30-24-4E

Date 5-19-71 Test Ticket No. 14689
 Recorder No. 3085 Capacity 4500 Location 2719 Ft.
 Clock No. 6866 Elevation 1351 Kelly Bushings Well Temperature 105 °F

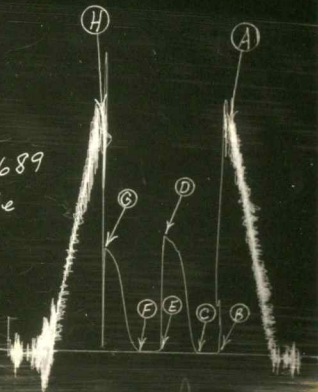
Point	Pressure		Time Given 3:47	P _M	Time Computed
A Initial Hydrostatic Mud	<u>1416</u>	P.S.I.			
B First Initial Flow Pressure	<u>4</u>	P.S.I.	<u>15</u>	Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>4</u>	P.S.I.	<u>30</u>	Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>734</u>	P.S.I.	<u>15</u>	Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>7</u>	P.S.I.	<u>30</u>	Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>7</u>	P.S.I.			
G Final Closed-in Pressure	<u>653</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1401</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>4</u>	<u>0</u>	<u>4</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>7</u>
P 2 <u>5</u>	<u>4</u>	<u>3</u>	<u>9</u>	<u>5</u>	<u>7</u>	<u>3</u>	<u>7</u>
P 3 <u>10</u>	<u>4</u>	<u>6</u>	<u>67</u>	<u>10</u>	<u>7</u>	<u>6</u>	<u>26</u>
P 4 <u>15</u>	<u>4</u>	<u>9</u>	<u>193</u>	<u>15</u>	<u>7</u>	<u>9</u>	<u>59</u>
P 5 _____		<u>12</u>	<u>408</u>			<u>12</u>	<u>127</u>
P 6 _____		<u>15</u>	<u>560</u>			<u>15</u>	<u>258</u>
P 7 _____		<u>18</u>	<u>637</u>			<u>18</u>	<u>418</u>
P 8 _____		<u>21</u>	<u>676</u>			<u>21</u>	<u>532</u>
P 9 _____		<u>24</u>	<u>702</u>			<u>24</u>	<u>590</u>
P10 _____		<u>27</u>	<u>720</u>			<u>27</u>	<u>627</u>
P11 _____		<u>30</u>	<u>734</u>			<u>30</u>	<u>653</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

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T.K.T. #14689
Inside





30-24-4E

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

Company Kansas Petroleum Inc. Lease & Well No. Wilson #1
Elevation 1351 Kelly Bushings Formation Mississippian Effective Pay _____ Ft. Ticket No. 14690
Date 5-20-71 Sec. 30 Twp. 24 Range 4 County Butler State Kansas
Test Approved by R. Kenneth Smith Western Representative Leon Elmore
Formation Test No. 6 O.K. ☒ Misrun _____ Interval Tested From 2738' to 2752' Total Depth 2752'
Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No
Packer Depth 2733 Ft. Size 6 3/4" Packer Depth 2738 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 2743 Ft. Clock No. 6866 Depth 2746 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 _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 2:00 A. M.
Tool Open I.F.P. From 2:02 M. to 2:17A. M. Hr. 15 Min. From (B) 0 P.S.I. To (C) 0 P.S.I.
Tool Closed I.C.I.P. From 2:17 M. to 2:47A. M. Hr. 30 Min. (D) 633 P.S.I.
Tool Open F.F.P. From 2:47 M. to 3:02A. M. Hr. 15 Min. From (E) 7 P.S.I. To (F) 7 P.S.I.
Tool Closed F.C.I.P. From 3:02 M. to 3:32A. M. Hr. 30 Min. (G) 537 P.S.I.
Initial Hydrostatic Pressure (A) 1409 P.S.I. Final Hydrostatic Pressure (H) 1387 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak for 10 min. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 3 feet mud
Reversed Out _____ Yes ☒ No _____ Mud Type Chem. Viscosity 40 Weight 10.1 Water Loss 11.2 cc. Maximum Temp. 105 °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 2320 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 398 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 34 ft.
Remarks _____

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WESTERN TESTING CO., INC.

Pressure Data

30-24-4C

Date 5-20-71 Recorder No. 3085 Capacity 4500 Test Ticket No. 14690
 Clock No. 6866 Elevation 1351 Kelly Bushings Location 2743 Ft. 105
 Well Temperature 105 °F

Point	Pressure		Time Given	A.	Time Computed
A Initial Hydrostatic Mud	<u>1409</u>	P.S.I.	<u>2:02</u>		
B First Initial Flow Pressure	<u>0</u>	P.S.I.			
C First Final Flow Pressure	<u>0</u>	P.S.I.			
D Initial Closed-in Pressure	<u>633</u>	P.S.I.			
E Second Initial Flow Pressure	<u>7</u>	P.S.I.			
F Second Final Flow Pressure	<u>7</u>	P.S.I.			
G Final Closed-in Pressure	<u>537</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1387</u>	P.S.I.			

Open Tool		
First Flow Pressure	<u>15</u>	Mins.
Initial Closed-in Pressure	<u>30</u>	Mins.
Second Flow Pressure	<u>15</u>	Mins.
Final Closed-in Pressure	<u>30</u>	Mins.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>10</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 _____ Min.		final inc. of <u>2</u> Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>7</u>
P 2 <u>5</u>	<u>0</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>7</u>	<u>3</u>	<u>11</u>
P 3 <u>10</u>	<u>0</u>	<u>6</u>	<u>33</u>	<u>10</u>	<u>7</u>	<u>6</u>	<u>59</u>
P 4 <u>15</u>	<u>0</u>	<u>9</u>	<u>155</u>	<u>15</u>	<u>7</u>	<u>9</u>	<u>138</u>
P 5 _____		<u>12</u>	<u>286</u>			<u>12</u>	<u>193</u>
P 6 _____		<u>15</u>	<u>363</u>			<u>15</u>	<u>303</u>
P 7 _____		<u>18</u>	<u>476</u>			<u>18</u>	<u>389</u>
P 8 _____		<u>21</u>	<u>537</u>			<u>21</u>	<u>445</u>
P 9 _____		<u>24</u>	<u>581</u>			<u>24</u>	<u>488</u>
P10 _____		<u>27</u>	<u>613</u>			<u>27</u>	<u>516</u>
P11 _____		<u>29</u>	<u>633</u>			<u>30</u>	<u>537</u>
P12 _____							
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P18 _____							
P19 _____							
P20 _____							

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T.K.T.#14690
Inside

