



P. O. BOX 1599
WICHITA, KANSAS 67201

Company Robinson Oil Co. Lease & Well No. Christiansen #A-1
Elevation 1257 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 21376
Date 1-27-75 Sec. 10 Twp. 34S Range 6W County Harper State Kansas
Test Approved by Robert E. McCann Western Representative Norman Allen

Formation Test No. 1 O.K. Misrun Interval Tested From 3816' to 3837' Total Depth 3837'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 3811 Ft. Size 6 3/4 Bottom Packer Depth 3816 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
Tool Size 4 1/2 OD Tool Joint Size 3 1/2 Anchor Length 21 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3830 Ft. Clock No. 10168 Depth 3833 Ft. Clock No. 10167
Top Make Kuster Cap. 4250 No. 1051 Inside Outside Bottom Make Kuster Cap. 4200 No. 3354 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 5:43 P
Tool Open I.F.P. From 5:45 P to 6:15 P Hr. 30 Min. From (B) 83 P.S.I. To (C) 71 P.S.I.
Tool Closed I.C.I.P. From 6:15 P to 7:00 P Hr. 45 Min (D) 1382 P.S.I.
Tool Open F.F.P. From 7:00 P to 8:00 P Hr. 60 Min. From (E) 97 P.S.I. To (F) 114 P.S.I.
Tool Closed F.C.I.P. From 8:00 P to 9:00 P Hr. 60 Min. (G) 1330 P.S.I.
Initial Hydrostatic Pressure (A) 2068 P.S.I. Final Hydrostatic Pressure (H) 1994 P.S.I. Maximum Temp. 123

INFORMATION

BLOW Fair throughout test.

Did Well Flow Yes No Recovery Total Ft. 925' Gas in pipe, 15' free oil, 30' heavy oil and gas cut mud. 120' of oil and gas cut mud. 60' muddy water. (245 Total fluid)

Reversed Out Yes No Mud Type Starch Viscosity 68 Weight 9.5 Water Loss 31.4 cc. Chlorides 40,000PPM

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drilling Co. Length Drill Pipe? 3526 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 270 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H-90 Length D.S.T. Tool 41 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 1-27-75 Test Ticket No. 21376
 Recorder No. 10168 Capacity 4250 Location 3830 Ft.
 Clock No. 1051 Elevation 1257 Kelly Bushings Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>2068</u>	P.S.I.	<u>5:43</u> P M	
B. First Initial Flow Pressure	<u>83</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C. First Final Flow Pressure	<u>71</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D. Initial Closed-in Pressure	<u>1382</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E. Second Initial Flow Pressure	<u>97</u>	P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
F. Second Final Flow Pressure	<u>114</u>	P.S.I.		
G. Final Closed-in Pressure	<u>1330</u>	P.S.I.		
H. Final Hydrostatic Mud	<u>1994</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

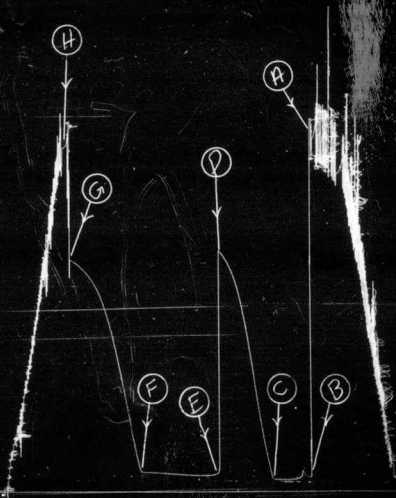
Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 19 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>97</u>	<u>0</u>	<u>114</u>
P 2 <u>5</u>	<u>92</u>	<u>3</u>	<u>135</u>	<u>5</u>	<u>96</u>	<u>3</u>	<u>200</u>
P 3 <u>10</u>	<u>76</u>	<u>6</u>	<u>239</u>	<u>10</u>	<u>95</u>	<u>6</u>	<u>294</u>
P 4 <u>15</u>	<u>71</u>	<u>9</u>	<u>362</u>	<u>15</u>	<u>95</u>	<u>9</u>	<u>401</u>
P 5 <u>20</u>	<u>71</u>	<u>12</u>	<u>489</u>	<u>20</u>	<u>96</u>	<u>12</u>	<u>513</u>
P 6 <u>25</u>	<u>71</u>	<u>15</u>	<u>612</u>	<u>25</u>	<u>97</u>	<u>15</u>	<u>614</u>
P 7 <u>30</u>	<u>71</u>	<u>18</u>	<u>744</u>	<u>30</u>	<u>99</u>	<u>18</u>	<u>715</u>
P 8		<u>21</u>	<u>868</u>	<u>35</u>	<u>102</u>	<u>21</u>	<u>813</u>
P 9		<u>24</u>	<u>994</u>	<u>40</u>	<u>105</u>	<u>24</u>	<u>911</u>
P10		<u>27</u>	<u>1097</u>	<u>45</u>	<u>110</u>	<u>27</u>	<u>984</u>
P11		<u>30</u>	<u>1180</u>	<u>50</u>	<u>111</u>	<u>30</u>	<u>1059</u>
P12		<u>33</u>	<u>1243</u>	<u>55</u>	<u>113</u>	<u>33</u>	<u>1121</u>
P13		<u>36</u>	<u>1296</u>	<u>60</u>	<u>114</u>	<u>36</u>	<u>1169</u>
P14		<u>39</u>	<u>1335</u>			<u>39</u>	<u>1205</u>
P15		<u>42</u>	<u>1369</u>			<u>42</u>	<u>1237</u>
P16		<u>45</u>	<u>1382</u>			<u>45</u>	<u>1263</u>
P17						<u>48</u>	<u>1286</u>
P18						<u>51</u>	<u>1304</u>
P19						<u>54</u>	<u>1320</u>
P20						<u>57</u>	<u>1330</u>

THT # 2137

Inside





P. O. BOX 1599
WICHITA, KANSAS 67201

Company Robinson Oil Company Lease & Well No. Christiansen #1
Elevation 1257 Kelly Bushing Information Kansas City Effective Pay _____ Ft. Ticket No. 24135
Date 1-29-75 Sec. 10 Twp. 34S Range 6W County Harper State Kansas
Test Approved by _____ Western Representative Mike Hayes

Formation Test No. #2 O.K. - Misrun X Interval Tested From 4036' to 4070' Total Depth 4070'
Size Main Hole 7 7/8 at Hole - Conv. - B.T. - Damaged - Yes - No Conv. - B.T. - Damaged - Yes - No
Top Packer Depth 4031 Ft. Size 6 3/4 Bottom Packer Depth 4036 Ft. Size 6 3/4
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth _____ Ft. Size _____
Tool Size 540D Tool Joint Size 4 1/2 FH Anchor Length 34 Ft. Size 540D Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4062 Ft. Clock No. 8474 Depth 4065 Ft. Clock No. 6799
Top Make Kuster Cap. 4150 No. 2605 ^{Inside} Bottom Make Kuster Cap. 4150 No. 969 ^{Inside}
Below Straddle: Depth - Rec. No. - Clock No. - ^{Inside} Depth - Ft. Rec. No. - Clock No. - ^{Outside}

Time Set Packer 4:43 A. M
Tool Open I.F.P. From 4:45 A. M. to 5:15 A. Hr. 30 Min. From (B) No pressures available P.S.I.
Tool Closed I.C.I.P. From 5:15 A. M. to 6:00 A. M. Hr. 45 Min (D) " " " P.S.I.
Tool Open F.F.P. From 6:00 A. M. to 6:30 A. M. Hr. 30 Min. From (E) " " P.S.I. To (F) " P.S.I.
Tool Closed F.C.I.P. From 6:30 A. M. to 7:15 A. M. Hr. 45 Min. (G) " " " P.S.I.
Initial Hydrostatic Pressure (A) No pressures available Hydrostatic Pressure (H) " P.S.I." Maximum Temp. 125

INFORMATION

BLOW Very weak blow on initial flow period - dead in 25 minutes

Did Well Flow - Yes - No Recovery Total Ft. 30' drilling mud with spots of oil on top of tool
Misrun

Reversed Out - Yes - No - Mud Type starch Viscosity 35 Weight 9.5 Water Loss - cc. Chlorides 57,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. P1n Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Sweetman Drilling Co. Length Drill Pipe? 3444 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

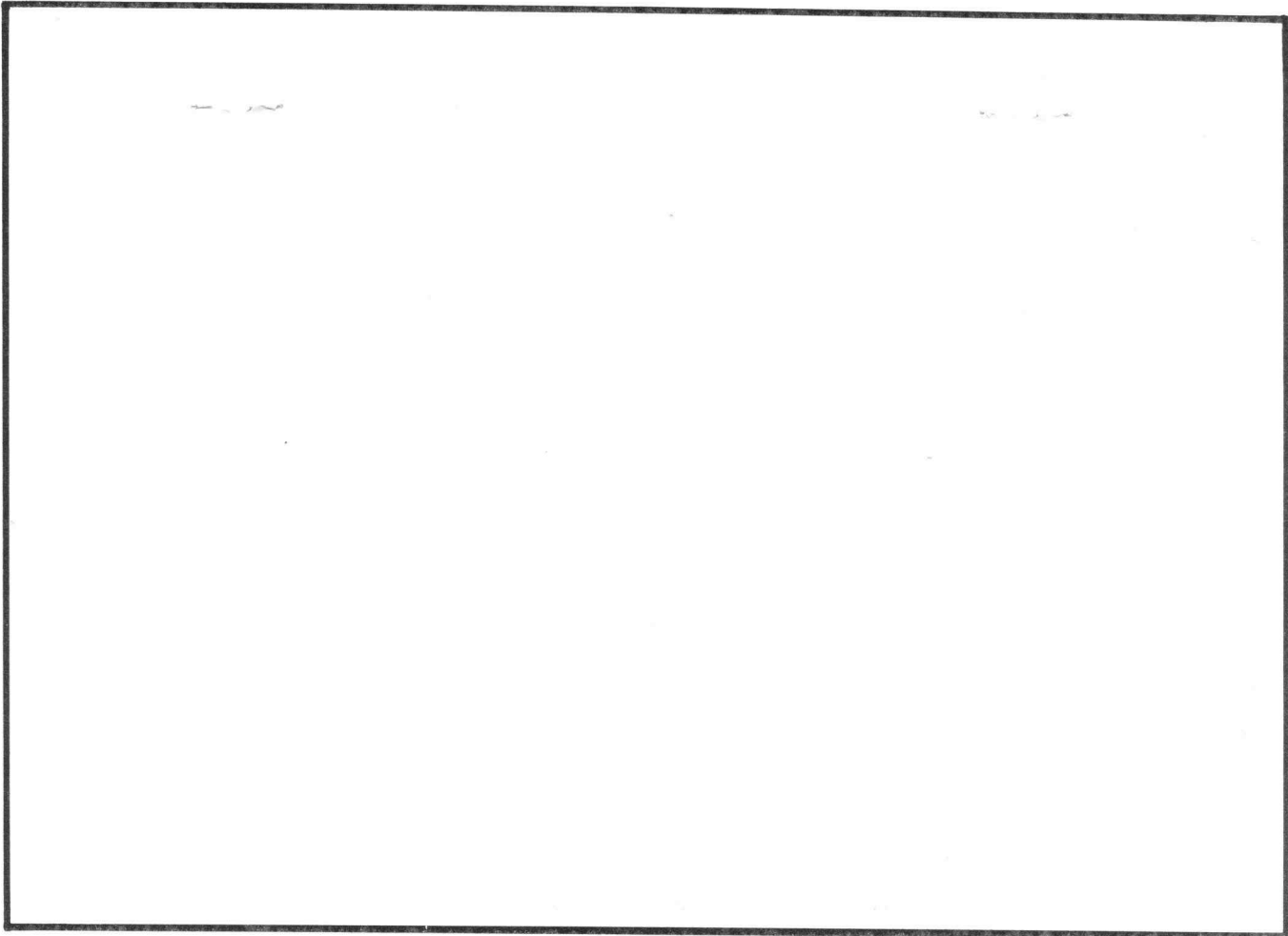
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 655 Ft. I.D. Drill Collars 2.25 In.

Tool Joint Size - In. Length D.S.T. Tool 54 Ft.

Remarks: Misrun both clocks quit

THT # 24135

J.



This is an actual photograph of recorder chart.

POINT	PRESSURE			PSI
	Field Reading		Office Reading	
(A) Initial Hydrostatic Mud	No pressures available			PSI
(B) First Initial Flow Pressure	"	"	"	PSI
(C) First Final Flow Pressure	"	"	"	PSI
(D) Initial Closed-in Pressure	"	"	"	PSI
(E) Second Initial Flow Pressure	"	"	"	PSI
(F) Second Final Flow Pressure	"	"	"	PSI
(G) Final Closed-in Pressure	"	"	"	PSI
(H) Final Hydrostatic Mud	"	"	"	PSI