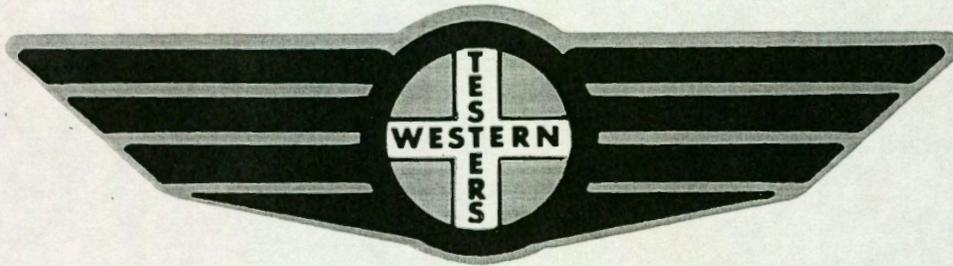


# FORMATION

# TEST

# REPORT



Home Office:

Wichita, Kansas 67201

P. O. Box 1599

Phone (316) 838-0601

MPANY Walters Drilling Co.

LEASE AND WELL NO.

Phelps #1

SEC. 17

TWP. 17S

RGE.

24W

TEST NO.

1

DATE 11-6-76

#1 Phelps 11-11-74W



Home Office: Wichita, Kansas 67201  
 P. O. Box 1599 (316) 838-0601

Company Walters Drilling Co. Lease & Well No. Phelps #1  
 Elevation 2473 Kelly Bush. Formation Sand Effective Pay - Ft. Ticket No. 24448  
 Date 11-6-76 Sec. 17 Twp. 17S Range 24W County Ness State Kansas  
 Test Approved by Alfred James Western Representative Keven Strutt  
 Formation Test No. 1 OK  Misrun  Interval Tested From 4396' to 4420' Total Depth 4420'  
 Size Main Hole 7 7/8 Bar Hole 12 1/4 Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes   
 Top Packer Depth 4391 Ft. Size 6 3/4 Bottom Packer Depth 4396 Ft. Size 6 3/4  
 Straddle  Conv.  B.T.  Damaged  Yes  No Packer Depth - Ft. Size -  
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 24 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4  
 RECORDERS Depth 4410 Ft. Clock No. 6774 Depth 4413 Ft. Clock No. 6806  
 Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 4150 No. 2607 Inside Outside  
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside  
 Time Set Packer 6:43P. M  
 Tool Open I.F.P. From 6:45P M. to 7:15P M. Hr. 30 Min. From (B) 19 P.S.I. To (C) 20  
 Tool Closed I.C.I.P. From 7:15P M. to 8:15P M. Hr. 60 Min (D) 1274  
 Tool Open F.F.P. From 8:15P M. to 8:45P M. Hr. 30 Min. From (E) 50 P.S.I. To (F) 43  
 Tool Closed F.C.I.P. From 8:45P M. to 9:45P M. Hr. 60 Min. (G) 1253  
 Initial Hydrostatic Pressure (A) 2241 P.S.I. Final Hydrostatic Pressure (H) 2232 P.S.I. Maximum Temp 120

INFORMATION

BLOW Very weak blow throughout initial flow period. No blow on final flow period, flushed 5 minutes into final flow period, no blow.

Did Well Flow  Yes  No Recovery Total Ft. 15' of clean oil, 40' of heavy oil cut mud.

Reversed Out  Yes  No Mud Type Drispac Viscosity 50 Weight 9.4 Water Loss 10.1 cc. Chlorides 9,000 PPM

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 Slawson Drig. Co., Inc. Length Drill Pipe? 3718 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH

Length Weight Pipe 316 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH Length Drill Collars - Ft. I.D. Drill Collars -

Tool Joint Size - In. Length D.S.T. Tool 44 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

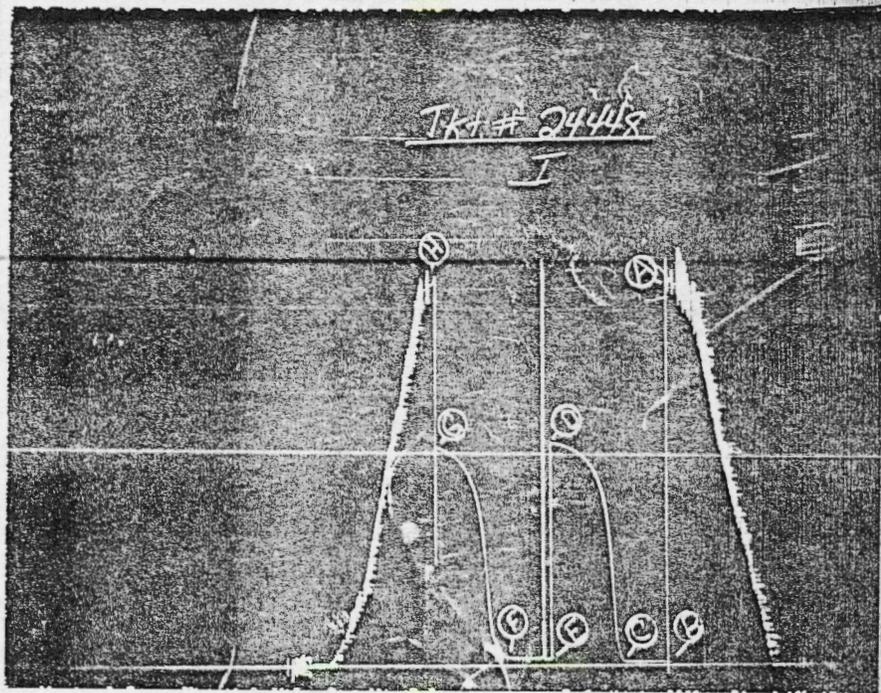
Date 11-6-76 Test Ticket No. 24448  
 Recorder No. 1566 Capacity 4300 Location 4410 Ft.  
 Clock No. 6774 Elevation 2473 Kelly Bushing Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	2241	P.S.I.	6:43 P.	M
First Initial Flow Pressure	19	P.S.I.	30	Mins. 30 Mins.
First Final Flow Pressure	20	P.S.I.	60	Mins. 60 Mins.
Initial Closed-in Pressure	1274	P.S.I.	30	Mins. 30 Mins.
Second Initial Flow Pressure	50	P.S.I.	60	Mins. 57 Mins.
Second Final Flow Pressure	43	P.S.I.		
Final Closed-in Pressure	1253	P.S.I.		
Final Hydrostatic Mud	2232	P.S.I.		

PRESSURE BREAKDOWN

Point	First Flow Pressure Breakdown	Initial Shut-In Breakdown	Second Flow Pressure Breakdown	Final Shut-In Breakdown
0	6 Inc. of 5 mins. and a final inc. of 0 Min.	20 Inc. of 3 mins. and a final inc. of 0 Min.	6 Inc. of 5 mins. and a final inc. of 0 Min.	19 Inc. of 3 mins. and a final inc. of 0 Min.
0	19	20	50	43
5	19	41	37	60
10	19	104	43	93
15	19	292	43	140
20	19	601	43	218
25	19	787	43	409
30	20	938	43	680
		1026		852
		1083		963
		1128		1036
		1163		1088
		1186		1131
		1205		1158
		1223		1182
		1233		1201
		1244		1218
		1253		1230
		1259		1240
		1268		1248
		1272		1253
		1274		

Flushed Tool



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	2221	2241	PSI
(B) First Initial Flow Pressure .....	32	19	PSI
(C) First Final Flow Pressure .....	32	20	PSI
(D) Initial Closed-in Pressure .....	1270	1274	PSI
(E) Second Initial Flow Pressure .....	32	50	PSI
(F) Second Final Flow Pressure .....	43	43	PSI
(G) Final Closed-in Pressure .....	1248	1253	PSI
(H) Final Hydrostatic Mud .....	2200	2232	PSI

# MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company WALTERS DRILLING CO.

Lease and Well No. PHELPS #2

County NESS State KANSAS Date MAY 11, 1977

Formation Test No. 2 Total Depth 4463 Elev. 2473 K. B.

Interval Tested 4423 To 4463 Anchor Length 40'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F H Size Packer 6 3/4

Mud Weight 9.4 Viscosity 46 Water Loss 11 c.c. Bottom Hole Temp. 118 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 14930

Length of Drill Collar \_\_\_\_\_ I. D. \_\_\_\_\_ Length Flexweight 270 I. D. 2.76

## RECOVERY

WEAK BLOW DIED IN 25 MINUTES.  
(PACKERS HELD AFTER THIRD TRY) SECOND OPENING  
WEAK BLOW

25 FEET OF OIL .36 BBLs .36 BO  
160 FEET SLIGHTLY OIL AND GAS CUT MUD 2.28 BBLs (7% OIL, 5% WATER,  
88% MUD) .16 BO .11 BW 2.01 BM  
60 FEET OF SLIGHTLY OIL AND GAS CUT MUD .95 BBLs (13% OIL, 26% WATER,  
61% MUD) .12 BO .25 BW .58 BM

Lease and Well No. PHELPS #2 C NE SE 17-17S-24W

Formation Test No. 2

Walters Phelps #2 17-17-24

Ness Co Ia.



# DRILL STEM TEST REPORT



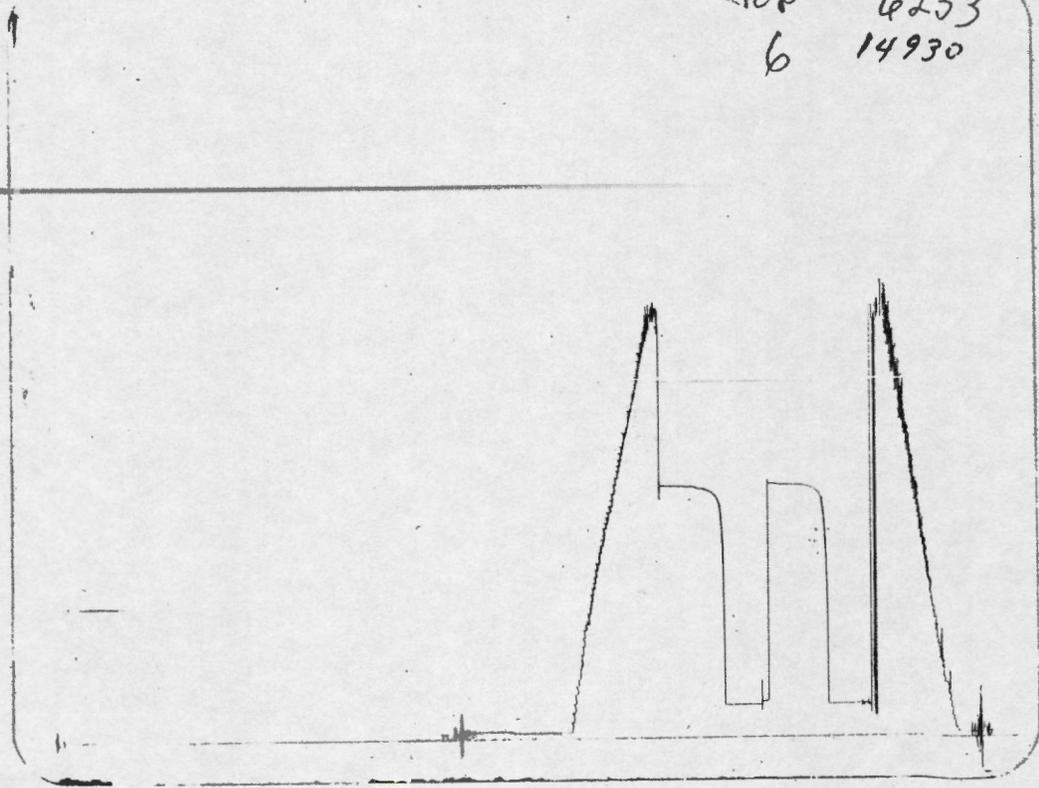
Home Office: Wichita, Kansas 67201  
P. O. Box 1599 (316) 838-0601

Company Walters Drilling Co. Lease & Well No. Phelps #1  
 Elevation 2473 Kelly Bush. Formation Sand Effective Pay - Ft. Ticket No. 24449  
 Date 11-7-76 Sec. 17 Twp. 17S Range 24W County Ness State Kansas  
 Test Approved by Alfred James Western Representative Keven Strutt  
 Formation Test No. 2 O.K.  Misrun  Interval Tested From 4420' to 4440' Total Depth 4440'  
 Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv.  B.T.  Damaged - Yes  No Conv.  B.T.  Damaged - Yes  No  
 Top Packer Depth 4415 Ft. Size 6 3/4 Bottom Packer Depth 4420 Ft. Size 6 3/4  
 Straddle  Conv.  B.T.  Damaged - Yes  No Packer Depth - Ft. Size -  
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 20 Ft. Size 5 1/2 OD Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 RECORDERS Depth 4430 Ft. Clock No. 6774 Depth 4433 Ft. Clock No. 6806  
 Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 4150 No. 2607 Inside Outside  
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside  
 Time Set Packer 8:43A. M  
 Tool Open I.F.P. From 8:45A M. to 9:15A M. - Hr. 30 Min. From (B) 114 P.S.I. To (C) 509 P.S.I.  
 Tool Closed I.C.I.P. From 9:15A M. to 10:15A M. - Hr. 60 Min (D) 1244 P.S.I.  
 Tool Open F.F.P. From 10:15A M. to 11:15A M. - Hr. 60 Min. From (E) 554 P.S.I. To (F) 916 P.S.I.  
 Tool Closed F.C.I.P. From 11:15 M. to 12:15M - Hr. 60 Min. (G) 1236 P.S.I.  
 Initial Hydrostatic Pressure (A) 2226 P.S.I. Final Hydrostatic Pressure (H) 2215 P.S.I. Maximum Temp 114

**INFORMATION**

BLOW Strong blow, off bottom of bucket in one minute, throughout initial flow period.  
Strong blow, slightly decreasing the last 15 minutes during final flow period.  
 Did Well Flow - Yes  No  Recovery Total Ft. 2610' total recovery. 140' of gas in pipe, 2345' of slightly gassy clean oil with some froggy oil in spots, 90' of slightly gassy heavy oil cut mud, 35' of slightly gassy mud cut oil.  
 Reversed Out  Yes  No Mud Type Drispac Viscosity 50 Weight 9.4 Water Loss 10.1 cc. Chlorides 9,000 PPM  
 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 Slawson Drlg. Co., Inc. Length Drill Pipe? 3750 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.  
 Length Weight Pipe 316 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.  
 Tool Joint Size - In. Length D.S.T. Tool 40 Ft.  
 Remarks: 38° gravity oil.

6233  
 14930

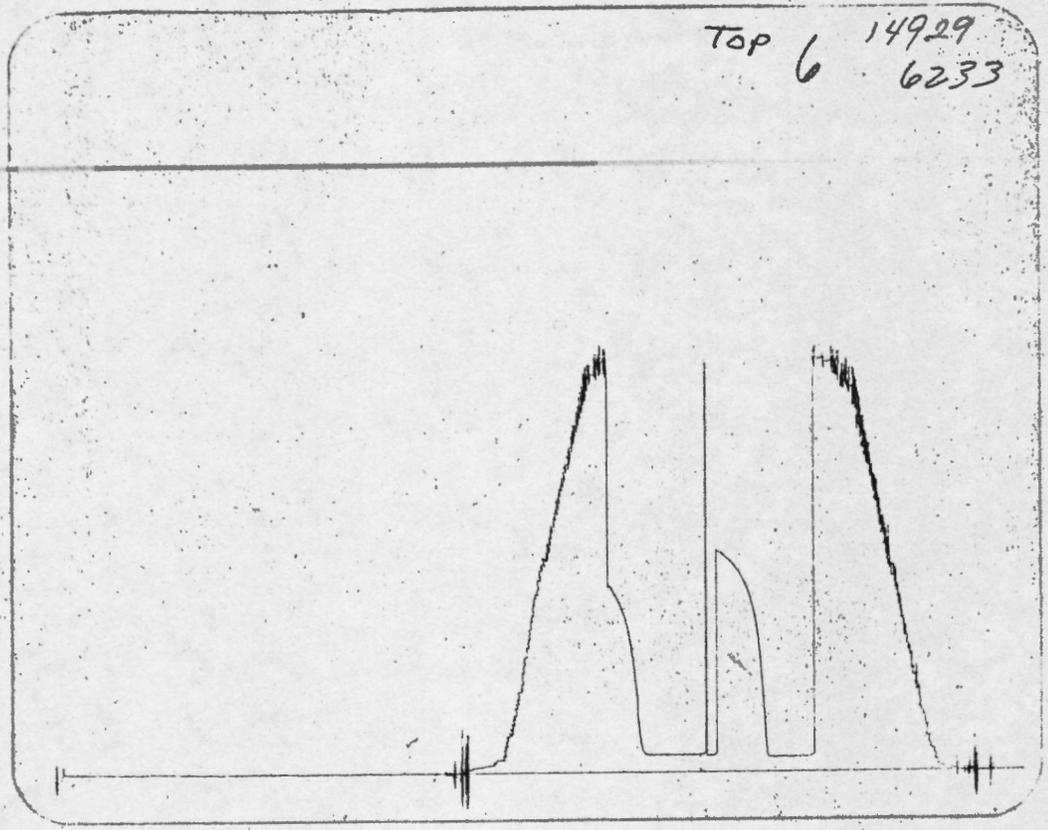


Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 45 min: 2nd Flow hr. 30 min: Shut-in Final hr. 45 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2217</u>	<u>2221</u>
(B) Initial 1st Flow Pressure	<u>91</u>	<u>162</u>
(C) Final 1st Flow Pressure	<u>163</u>	<u>173</u>
(D) Initial Shut-in Pressure	<u>1304</u>	<u>1313</u>
(E) Initial 2nd Flow Pressure	<u>173</u>	<u>173</u>
(F) Final 2nd Flow Pressure	<u>163</u>	<u>173</u>
(G) Final Shut-in Pressure	<u>1304</u>	<u>1307</u>
(H) Final Hydrostatic Pressure	<u>2197</u>	<u>2187</u>

14930

TOP 6 14929  
6233



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 45 min: 2nd Flow hr. 45 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2157</u>	<u>2137</u>
(B) Initial 1st Flow Pressure	<u>71</u>	<u>77</u>
(C) Final 1st Flow Pressure	<u>71</u>	<u>77</u>
(D) Initial Shut-in Pressure	<u>1155</u>	<u>1151</u>
(E) Initial 2nd Flow Pressure	<u>71</u>	<u>83</u>
(F) Final 2nd Flow Pressure	<u>81</u>	<u>91</u>
(G) Final Shut-in Pressure	<u>976</u>	<u>976</u>
(H) Final Hydrostatic Pressure	<u>2108</u>	<u>2117</u>

14929

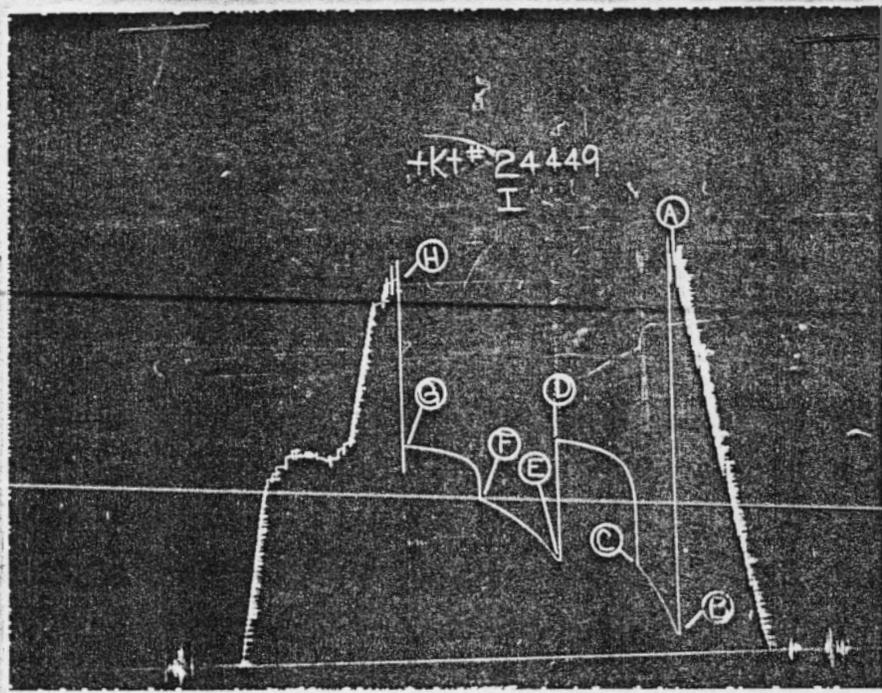
**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date: 11-7-76      Test Ticker No. 24449  
 Recorder No. 1566      Capacity 4300      Location 4430 Ft.  
 Log No. 6774      Elevation 2473 Kelly Bush.      Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>2226</u>	P.S.I.	<u>8:43P</u> M	
First Initial Flow Pressure	<u>114</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
First Final Flow Pressure	<u>509</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
Initial Closed-in Pressure	<u>1244</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
Second Initial Flow Pressure	<u>554</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
Second Final Flow Pressure	<u>916</u>	P.S.I.		
Final Closed-in Pressure	<u>1236</u>	P.S.I.		
Final Hydrostatic Mud	<u>2215</u>	P.S.I.		

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P1	<u>114</u>	<u>0</u>	<u>509</u>	<u>0</u>	<u>554</u>	<u>0</u>	<u>916</u>	<u>0</u>
P2	<u>188</u>	<u>3</u>	<u>1011</u>	<u>3</u>	<u>579</u>	<u>5</u>	<u>1101</u>	<u>3</u>
P3	<u>272</u>	<u>6</u>	<u>1068</u>	<u>6</u>	<u>626</u>	<u>10</u>	<u>1124</u>	<u>6</u>
P4	<u>344</u>	<u>9</u>	<u>1098</u>	<u>9</u>	<u>671</u>	<u>15</u>	<u>1141</u>	<u>9</u>
P5	<u>405</u>	<u>12</u>	<u>1118</u>	<u>12</u>	<u>710</u>	<u>20</u>	<u>1154</u>	<u>12</u>
P6	<u>463</u>	<u>15</u>	<u>1137</u>	<u>15</u>	<u>746</u>	<u>25</u>	<u>1165</u>	<u>15</u>
P7	<u>509</u>	<u>18</u>	<u>1150</u>	<u>18</u>	<u>776</u>	<u>30</u>	<u>1173</u>	<u>18</u>
P8		<u>21</u>	<u>1163</u>	<u>21</u>	<u>804</u>	<u>35</u>	<u>1182</u>	<u>21</u>
P9		<u>24</u>	<u>1175</u>	<u>24</u>	<u>832</u>	<u>40</u>	<u>1188</u>	<u>24</u>
P10		<u>27</u>	<u>1184</u>	<u>27</u>	<u>854</u>	<u>45</u>	<u>1195</u>	<u>27</u>
P11		<u>30</u>	<u>1190</u>	<u>30</u>	<u>877</u>	<u>50</u>	<u>1201</u>	<u>30</u>
P12		<u>33</u>	<u>1199</u>	<u>33</u>	<u>895</u>	<u>55</u>	<u>1205</u>	<u>33</u>
P13		<u>36</u>	<u>1205</u>	<u>36</u>	<u>916</u>	<u>60</u>	<u>1210</u>	<u>36</u>
P14		<u>39</u>	<u>1212</u>	<u>39</u>			<u>1214</u>	<u>39</u>
P15		<u>42</u>	<u>1218</u>	<u>42</u>			<u>1218</u>	<u>42</u>
P16		<u>45</u>	<u>1225</u>	<u>45</u>			<u>1223</u>	<u>45</u>
P17		<u>48</u>	<u>1229</u>	<u>48</u>			<u>1225</u>	<u>48</u>
P18		<u>51</u>	<u>1233</u>	<u>51</u>			<u>1229</u>	<u>51</u>
P19		<u>54</u>	<u>1236</u>	<u>54</u>			<u>1231</u>	<u>54</u>
P20		<u>57</u>	<u>1240</u>	<u>57</u>			<u>1233</u>	<u>57</u>
WTC - 4		<u>60</u>	<u>1244</u>	<u>60</u>			<u>1236</u>	<u>60</u>



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	2221	2226	PSI
(B) First Initial Flow Pressure .....	108	114	PSI
(C) First Final Flow Pressure .....	509	509	PSI
(D) Initial Closed-in Pressure .....	1248	1244	PSI
(E) Second Initial Flow Pressure .....	551	554	PSI
(F) Second Final Flow Pressure .....	905	916	PSI
(G) Final Closed-in Pressure .....	1227	1236	PSI
(H) Final Hydrostatic Mud .....	2200	2215	PSI

**FORMATION** *Walters*

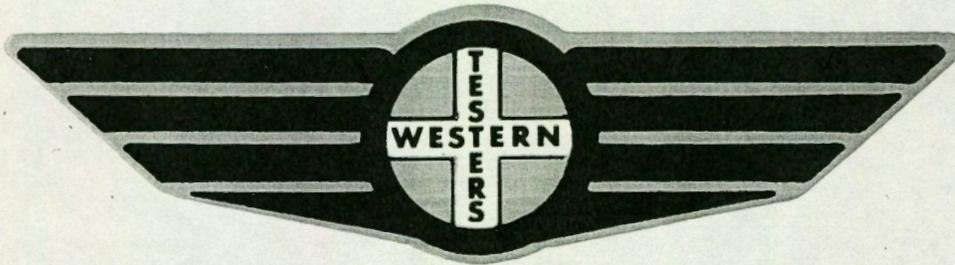
**TEST** *Dritling*

*#1 Phelps*

**REPORT** *NW SE*

*17-17-24w*

*Ness Co. Ks.*



Home Office:

Wichita, Kansas 67201

P. O. Box 1599

Phone (316) 838-0601



Home Office: Wichita, Kansas 67201  
 P. O. Box 1599 (316) 838-0601

Company Walters Drilling Co. Lease & Well No. Phelps #1

Location 2473 Kelly Bush Formation Sand Effective Pay - Ft. Ticket No. 24450

Date 11-8-76 Sec. 17 Twp. 17S Range 24W County Ness State Kansas

Test Approved by Alfred James Western Representative Keven Strutt

Formation Test No. 3 O.K.  Misrun  Interval Tested From 4440' to 4455' Total Depth 4455'

Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No

Top Packer Depth 4435 Ft. Size 6 3/4 Bottom Packer Depth 4440 Ft. Size 6 3/4

Straddle  Conv.  B.T.  Damaged  Yes  No Packer Depth - Ft. Size -

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 15 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS

Depth <u>4445</u> Ft.	Clock No. <u>6774</u>	Depth <u>4448</u> Ft.	Clock No. <u>6806</u>
Top Make <u>Kuster</u> Cap. <u>4300</u> No. <u>1566</u>	Inside <u>Outside</u>	Bottom Make <u>Kuster</u> Cap. <u>4150</u> No. <u>2607</u>	Inside <u>Outside</u>
Flow Straddle: Depth <u>-</u> Rec. No. <u>-</u> Clock No. <u>-</u>	Inside <u>Outside</u>	Depth <u>-</u> Ft. Rec. No. <u>-</u> Clock No. <u>-</u>	Inside <u>Outside</u>

Time Set Packer 11:28P. M

Open I.F.P. From <u>11:30P</u> M. to <u>12:00A</u> M.	-	Hr. <u>30</u> Min. From (B) <u>45</u>	P.S.I. To (C) <u>52</u> P.S.I.
Open Closed I.C.I.P. From <u>12:00A</u> M. to <u>1:00A</u> M.	-	Hr. <u>60</u> Min (D)	<u>1294</u> P.S.I.
Open F.F.P. From <u>1:00A</u> M. to <u>2:30A</u> M.	<u>1</u>	Hr. <u>30</u> Min. From (E) <u>80</u>	P.S.I. To (F) <u>114</u> P.S.I.
Open Closed F.C.I.P. From <u>2:30A</u> M. to <u>3:30A</u> M.	<u>1</u>	Hr. <u>-</u> Min. (G)	<u>1266</u> P.S.I.

Initial Hydrostatic Pressure (A) 2258 P.S.I. Final Hydrostatic Pressure (H) 2258 P.S.I. Maximum Temp. 120

**INFORMATION**

W Fair blow throughout initial flow period. Fair blow throughout final flow period.

Well Flow  Yes  No Recovery Total Ft. 160' of slightly oil speckled muddy water with some free oil in tool

Spud Out  Yes  No Mud Type Driscap Viscosity 51 Weight 9.4 Water Loss 9.6 cc. Chlorides 9,000 PPM

LA EQUIPMENT: Type Circ. Sub. Pin Safety Joint  Jars: Size - In. Make - Ser. No. -

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

DRILLING CONTRACTOR Slawson Drlg. Co. Length Drill Pipe? 3750 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Weight Pipe 316 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 35 Ft.

Notes:

11-8-76

Test Ticket No. 24450

No. 1566 Capacity 4300 Location 4445 Ft.  
6774 Elevation 2473 Kelly Bush. Well Temperature 120 °F

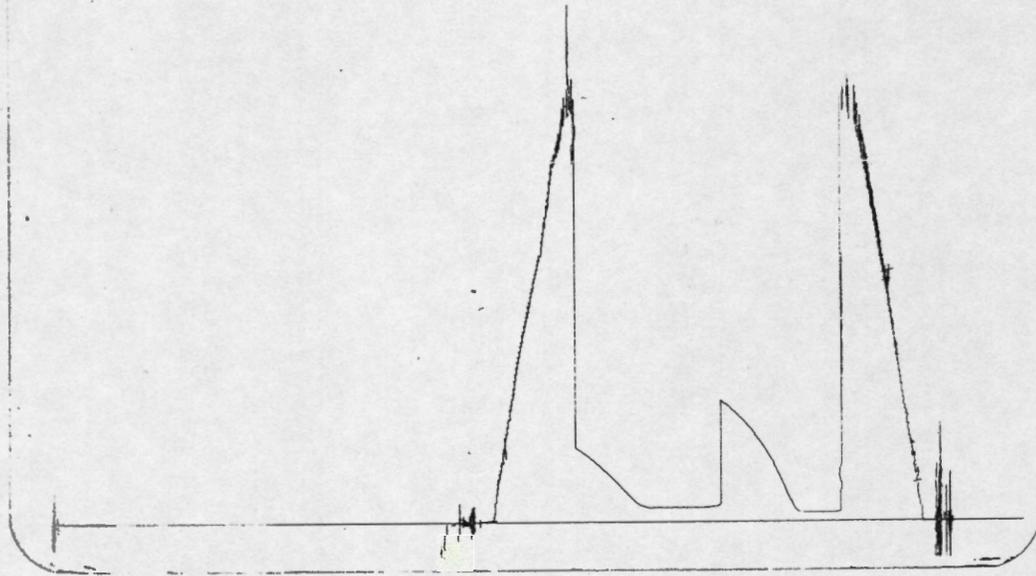
	Pressure			Time Given	Time Computed
Hydrostatic Mud	2258	P.S.I.	Open Tool	11:28P.	M
Initial Flow Pressure	45	P.S.I.	First Flow Pressure	30	Mins. 30 Mins.
Final Flow Pressure	52	P.S.I.	Initial Closed-in Pressure	60	Mins. 60 Mins.
Closed-in Pressure	1294	P.S.I.	Second Flow Pressure	90	Mins. 90 Mins.
Initial Flow Pressure	80	P.S.I.	Final Closed-in Pressure	60	Mins. 60 Mins.
Final Flow Pressure	114	P.S.I.			
Closed-in Pressure	1266	P.S.I.			
Hydrostatic Mud	2258	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: 6 Inc. Initial Shut-In Breakdown: 20 Inc. Second Flow Pressure Breakdown: 18 Inc. Final Shut-In Breakdown: 20 Inc.  
5 mins. and a of 3 mins. and a of 5 mins. and a of 3 mins. and a  
final inc. of 0 Min. final inc. of 0 Min. final inc. of 0 Min. final inc. of 0 Min.

	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
0	45	0	52	0	80	0	114
5	43	3	873	5	71	3	768
10	43	6	996	10	71	6	931
15	44	9	1068	15	71	9	1013
20	45	12	1113	20	73	12	1056
25	48	15	1148	25	78	15	1094
30	52	18	1173	30	80	18	1122
		21	1193	35	82	21	1143
		24	1212	40	86	24	1163
		27	1225	45	89	27	1180
		30	1236	50	91	30	1193
		33	1246	55	95	33	1203
		36	1253	60	97	36	1214
		39	1261	65	102	39	1223
		42	1268	70	104	42	1231
		45	1272	75	106	45	1238
		48	1279	80	110	48	1244
		51	1283	85	112	51	1251
		54	1287	90	114	54	1255
		57	1289			57	1261
		60	1294			60	1266

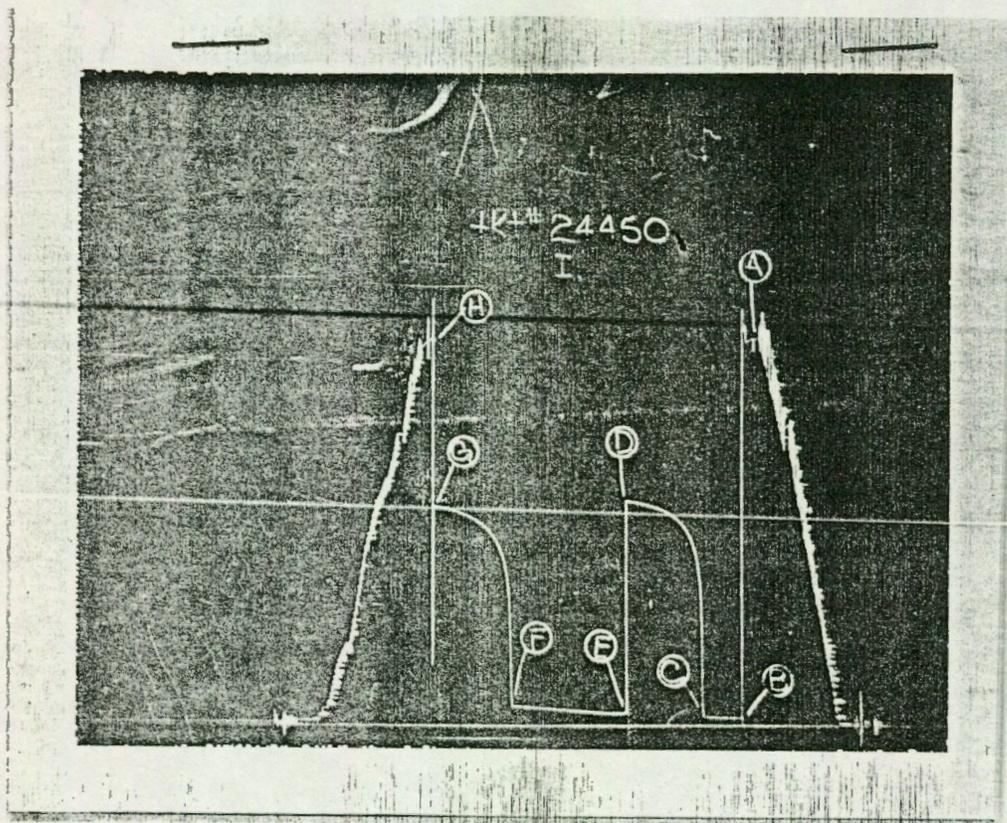
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Tool Open: 1st Flow 30 mins: Shut-in Initial 60 min: 2nd Flow 50 min: Shut-in Final 60 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2197</u>	<u>2207</u>
(B) Initial 1st Flow Pressure	<u>51</u>	<u>47</u>
(C) Final 1st Flow Pressure	<u>61</u>	<u>117</u>
(D) Initial Shut-in Pressure	<u>657</u>	<u>639</u>
(E) Initial 2nd Flow Pressure	<u>73</u>	<u>81</u>
(F) Final 2nd Flow Pressure	<u>73</u>	<u>81</u>
(G) Final Shut-in Pressure	<u>396</u>	<u>396</u>
(H) Final Hydrostatic Pressure	<u>2187</u>	<u>2147</u>

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This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	2243	2258	PSI
(B) First Initial Flow Pressure .....	43	45	PSI
(C) First Final Flow Pressure .....	54	52	PSI
(D) Initial Closed-in Pressure .....	1302	1294	PSI
(E) Second Initial Flow Pressure .....	65	80	PSI
(F) Second Final Flow Pressure .....	108	114	PSI
(G) Final Closed-in Pressure .....	1259	1266	PSI
(H) Final Hydrostatic Mud .....	2221	2258	PSI