



Home Office: Wichita, Kansas 67201

P. O. Box 1599

(316) 838-0601

Company Oil Properties Company, Inc. Lease & Well No. Thompson Unit #3
 Elevation 2197 Ground Level Formation Mississippi Effective Pay -- Ft. Ticket No. 1714
 Date 6/30/79 Sec. 25 Twp. 27S Range 18W County Kiowa State Kansas
 Test Approved by Robert C. Armstrong Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 4754 ft. to 4780 ft. Total Depth 4780 ft.
 Packer Depth 4749 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4754 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

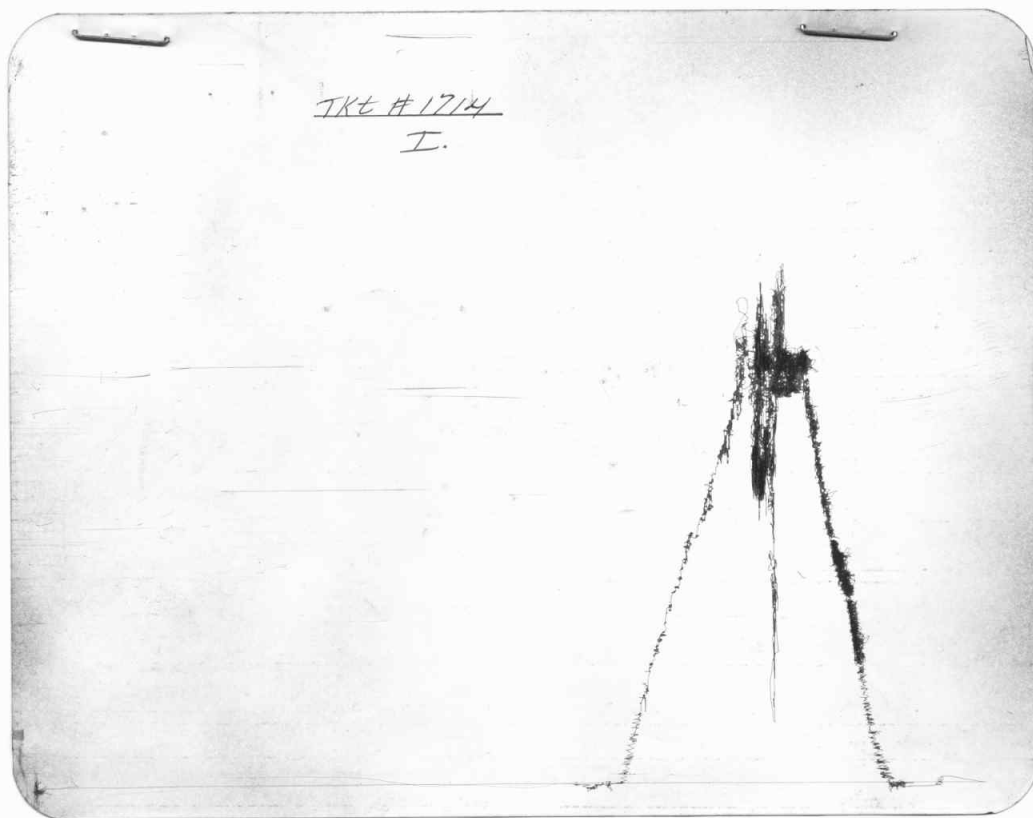
Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 4757 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 4760 ft. Recorder Number 2606 Cap. 4150
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D. R. Lauck Drilling Co. Drill Collar Length - I. D. - in.
 Mud Type MyLoJel Viscosity 49 Weight Pipe Length 475 I. D. 2 1/2 in.
 Weight 9.6 Water Loss 11.5 cc. Drill Pipe Length - I. D. - in.
 Chlorides 36,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number -- Anchor Length 26 ft. Size 5 1/2 OD in.
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: MISRUN HIT BRIDGE AT 4200' to 4250'

Recovered ft. of
 Recovered ft. of
 Recovered ft. of MISRUN
 Recovered ft. of
 Recovered ft. of
 Remarks:

	A.M. P.M.	Time Started Off Bottom	A.M. P.M.	Maximum Temperature
Time Set Packer(s)				
Initial Hydrostatic Pressure		(A)	P.S.I.	
Initial Flow Period		Minutes (B)	P.S.I. to (C)	P.S.I.
Initial Closed In Period		Minutes (D)	P.S.I.	
Final Flow Period		Minutes (E)	P.S.I. to (F)	P.S.I.
Final Closed In Period		Minutes (G)	P.S.I.	
Final Hydrostatic Pressure		(H)	P.S.I.	



This is an actual photograph of recorder chart.

MISRUN

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud			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



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Thompson Unit #3

Company Oil Properties Co., Inc. Lease & Well No. ---
Elevation 2179 Ground Level Formation Mississippi Effective Pay --- Ft. Ticket No. 1715
Date 6/30/79 Sec. 25 Twp. 27S Range 18W County Kiowa State Kansas
Test Approved by Robert C. Armstrong Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 4754 ft. to 4780 ft. Total Depth 4780 ft.

Packer Depth 4749 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4754 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set ---
Top Recorder Depth (Inside) 4757 ft. Recorder Number 2604 Cap. 4150
Bottom Recorder Depth (Outside) 4760 ft. Recorder Number 2606 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D. R. Lauck Drilling Co. Drill Collar Length --- I. D. --- in.
Mud Type MyLoJel Viscosity 83 Weight Pipe Length 475 I. D. 2 1/2 in.
Weight 9.6 Water Loss 11.5 cc. Drill Pipe Length 4258 I. D. 3.8 in.
Chlorides 36,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make No Serial Number --- Anchor Length 26 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong blow throughout test. Gas to surface five minutes. See attached sheet for gas measurements.

Recovered 30 ft. of slightly water cut drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 10:00 ~~A.M.~~ P.M. Time Started Off Bottom 1:00 ~~A.M.~~ P.M. Maximum Temperature 128
Initial Hydrostatic Pressure (A) 2591 P.S.I.
Initial Flow Period Minutes 45 (B) 64 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period Minutes 45 (D) 1311 P.S.I.
Final Flow Period Minutes 45 (E) 83 P.S.I. to (F) 66 P.S.I.
Final Closed In Period Minutes 45 (G) 1270 P.S.I.
Final Hydrostatic Pressure (H) 2527 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

1715

Date 6/30/79 Test Ticket No. 4757 Ft.
 Recorder No. 2604 Capacity 4150 Location 4757 Ft.
 Clock No. -- Elevation 2179 Ground Level Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2591	P.S.I.	10:00P	M
B First Initial Flow Pressure	64	P.S.I.	45	Mins. 45 Mins.
C First Final Flow Pressure	55	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	1311	P.S.I.	45	Mins. 45 Mins.
E Second Initial Flow Pressure	83	P.S.I.	45	Mins. 45 Mins.
F Second Final Flow Pressure	66	P.S.I.		
G Final Closed-in Pressure	1270	P.S.I.		
H Final Hydrostatic Mud	2527	P.S.I.		

PRESSURE BREAKDOWN

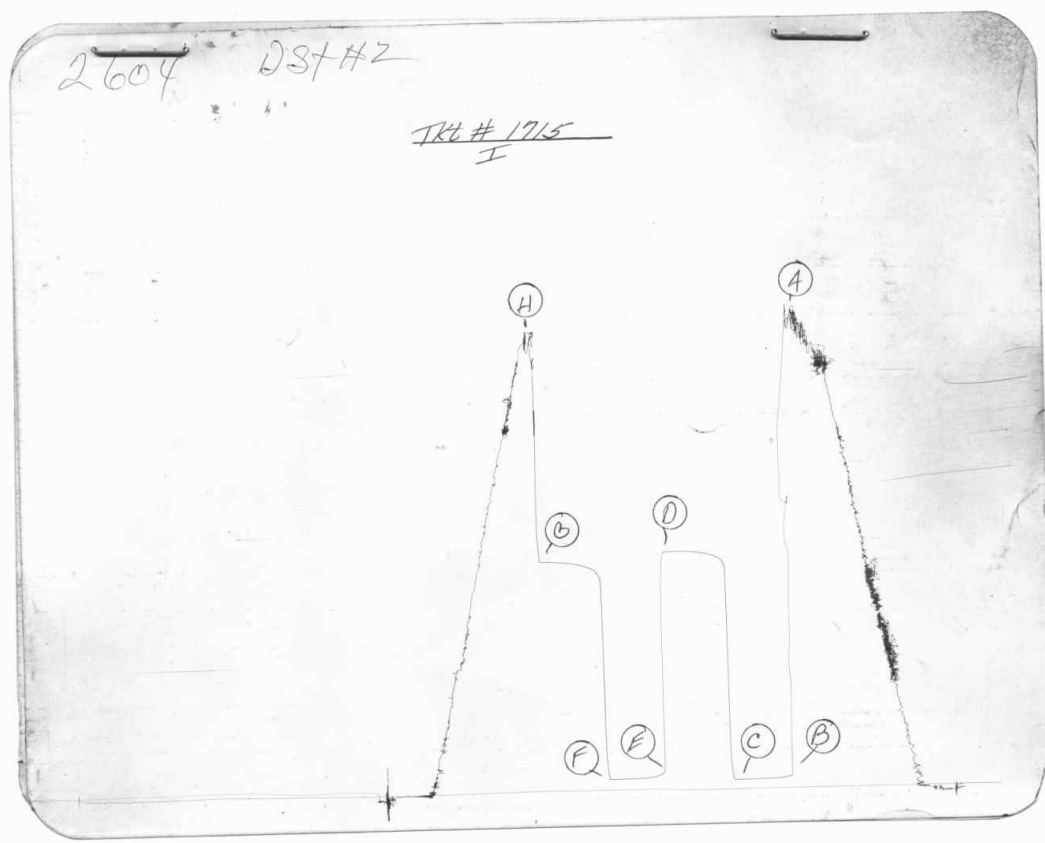
First Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

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

Second Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 15 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>64</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>83</u>	<u>0</u>	<u>66</u>
P 2 <u>5</u>	<u>60</u>	<u>3</u>	<u>489</u>	<u>5</u>	<u>80</u>	<u>3</u>	<u>561</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>1182</u>	<u>10</u>	<u>75</u>	<u>6</u>	<u>1184</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>1261</u>	<u>15</u>	<u>70</u>	<u>9</u>	<u>1213</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>1274</u>	<u>20</u>	<u>70</u>	<u>12</u>	<u>1228</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>1286</u>	<u>25</u>	<u>69</u>	<u>15</u>	<u>1236</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>1293</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>1245</u>
P 8 <u>35</u>	<u>55</u>	<u>21</u>	<u>1297</u>	<u>35</u>	<u>68</u>	<u>21</u>	<u>1251</u>
P 9 <u>40</u>	<u>55</u>	<u>24</u>	<u>1301</u>	<u>40</u>	<u>67</u>	<u>24</u>	<u>1255</u>
P10 <u>45</u>	<u>55</u>	<u>27</u>	<u>1305</u>	<u>45</u>	<u>66</u>	<u>27</u>	<u>1257</u>
P11		<u>30</u>	<u>1307</u>			<u>30</u>	<u>1261</u>
P12		<u>33</u>	<u>1308</u>			<u>33</u>	<u>1263</u>
P13		<u>36</u>	<u>1309</u>			<u>36</u>	<u>1265</u>
P14		<u>39</u>	<u>1309</u>			<u>39</u>	<u>1267</u>
P15		<u>42</u>	<u>1310</u>			<u>42</u>	<u>1269</u>
P16		<u>45</u>	<u>1311</u>			<u>45</u>	<u>1270</u>
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2527	2591	PSI
(B) First Initial Flow Pressure	74	64	PSI
(C) First Final Flow Pressure	53	55	PSI
(D) Initial Closed-in Pressure	1296	1311	PSI
(E) Second Initial Flow Pressure	74	83	PSI
(F) Second Final Flow Pressure	53	66	PSI
(G) Final Closed-in Pressure	1265	1270	PSI
(H) Final Hydrostatic Mud	2506	2527	PSI