

15-167-22105

CHENEY TESTING COMPANY

3-11s-13w

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

State Geological Survey
WICHITA BRANCH

Company	Ladd Petroleum Corp.	Test No.	1
Well Name & Number	Day Trust #1	Zone Tested	Lansing
Company Address	Denver, Co.	Date	4-20-83
Comp. Rep.	Danny Wyckoff	Tester	Kenneth Cheney
Contractor	Big Springs	Elevation	
Location: Sec. 3 Twp. 12s Rge. 13w Co. Russell State Kansas		Est. Feet of Pay	

Recorder No. 11090 Type AK-1 Range 4125 PSI

Recorder Depth 2906

(A) Initial Hydrostatic Mud 1200 PSI

(B) First Initial Flow Pressure 21 PSI

(C) First Final Flow Pressure 21 PSI

(D) Initial Closed-in Pressure 1291 PSI

(E) Second Initial Flow Pressure 31 PSI

(F) Second Final Flow Pressure 36 PSI

(G) Final Closed-in Pressure 1291 PSI

(H) Final Hydrostatic Mud 1690 PSI

Temperature 109

Mud Weight 39 Viscosity 9.8

Fluid Loss 8.6

Interval Tested 2985-3002

Anchor Length 14'

Top Packer Depth 2980

Bottom Packer Depth 2985

Total Depth 3002

Drill Pipe Size 4 1/2 F.H.

Wt. Pipe I. D. Ft. Run -

Recovery—Total Feet 65

Recovered 65 Feet Of Very Slightly Oil Cut Watery Mud. (2% Oil)

Recovered 120 Feet Of Gas In Pipe

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 13365 Type AK-1 Range 3900 PSI

Recorder Depth 2909

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 60 Mins.

Flow Period 60 Mins.

Final Shut-in 90 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 1/8"

Rubber Size 6 3/4"

Tool Open @ 9:00 P.M.

Blow Fair Blow- 3" In Bucket - 1st Open.

Remarks 2nd Open- 2" In Bucket.

Chlorides In Drlg. Fluids- 56,000 PPM

Test Recovery 72,000 PPM

Drill Collar I. D. Ft. Run

Price of Job \$540.00

add Petroleum Corp.
Day Trust #1
Test# 1
Ticket # 8096

CHENEY TESTING COMPANY
Pressure Data

Date 4-20-83

Test Ticket No. 8096

Recorder No. 11090 Capacity 4125 Location 2906 Ft.

Clock No. 7959 Elevation _____ Well Temperature 109 °F

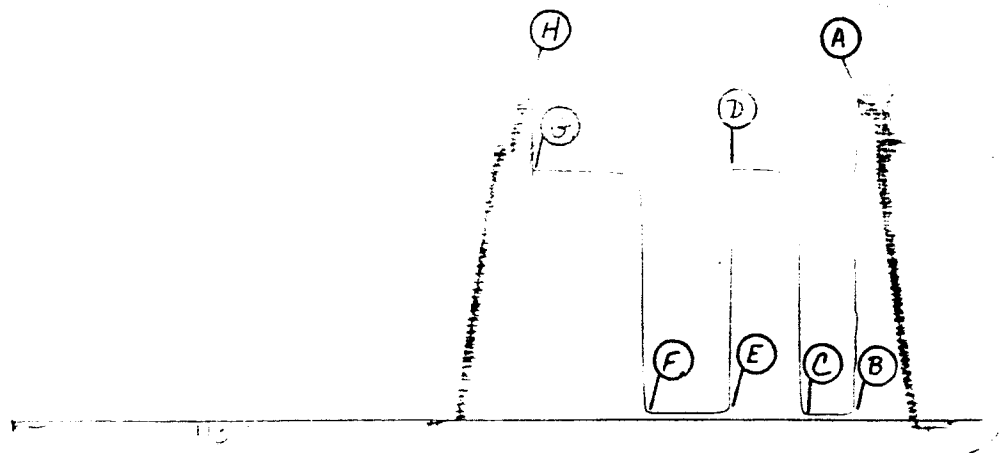
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1709</u> P.S.I.	Open Tool	<u>9:00 P.</u>	<u>M</u>
B First Initial Flow Pressure	<u>30</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>Mins.</u>
C First Final Flow Pressure	<u>30</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>Mins.</u>
D Initial Closed-in Pressure	<u>1315</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>Mins.</u>
E Second Initial Flow Pressure	<u>39</u> P.S.I.	Final Closed-in Pressure	<u>85</u> Mins.	<u>Mins.</u>
F Second Final Flow Pressure	<u>39</u>			
G Final Closed-in Pressure	<u>1311</u> P.S.I.			
H Final Hydrostatic Mud	<u>1095</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>17</u> Inc.	
of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>30</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>39</u>
P 2 <u>5</u>	<u>30</u>	<u>5</u>	<u>43</u>	<u>5</u>	<u>39</u>	<u>5</u>	<u>248</u>
P 3 <u>10</u>	<u>30</u>	<u>10</u>	<u>1176</u>	<u>10</u>	<u>39</u>	<u>10</u>	<u>1240</u>
P 4 <u>15</u>	<u>30</u>	<u>15</u>	<u>1275</u>	<u>15</u>	<u>39</u>	<u>15</u>	<u>1280</u>
P 5 <u>20</u>	<u>30</u>	<u>20</u>	<u>1294</u>	<u>20</u>	<u>39</u>	<u>20</u>	<u>1294</u>
P 6 <u>25</u>	<u>30</u>	<u>25</u>	<u>1303</u>	<u>25</u>	<u>39</u>	<u>25</u>	<u>1299</u>
P 7 <u>30</u>	<u>30</u>	<u>30</u>	<u>1307</u>	<u>30</u>	<u>39</u>	<u>30</u>	<u>1303</u>
P 8 <u>35</u>		<u>35</u>	<u>1311</u>	<u>35</u>	<u>39</u>	<u>35</u>	<u>1305</u>
P 9 <u>40</u>		<u>40</u>	<u>1312</u>	<u>40</u>	<u>39</u>	<u>40</u>	<u>1307</u>
		<u>45</u>	<u>1315</u>	<u>45</u>	<u>39</u>	<u>45</u>	<u>1308</u>
P11 <u>50</u>		<u>50</u>	<u>1315</u>	<u>50</u>	<u>39</u>	<u>50</u>	<u>1309</u>
P12 <u>55</u>		<u>55</u>	<u>1315</u>	<u>55</u>	<u>39</u>	<u>55</u>	<u>1309</u>
P13 <u>60</u>		<u>60</u>	<u>1316</u>	<u>60</u>	<u>39</u>	<u>60</u>	<u>1310</u>
P14 <u>65</u>						<u>65</u>	<u>1310</u>
P15 <u>70</u>						<u>70</u>	<u>1311</u>
P16 <u>75</u>						<u>75</u>	<u>1311</u>
P17 <u>80</u>						<u>80</u>	<u>1311</u>
P18 <u>85</u>						<u>85</u>	<u>1311</u>
P19 <u>90</u>							

Ladd Petroleum Corp.
 Day Trust #1
 Test# 1
 Ticket # 8096

State Geological Survey
 WICHITA BRANCH



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1700	1709
(B) First Initial Flow Pressure	21	30
(C) First Final Flow Pressure	21	30
(D) Initial Closed-in Pressure	1291	1315
(E) Second Initial Flow Pressure	31	39
(F) Second Final Flow Pressure	36	39
(G) Final Closed-in Pressure	1291	1311
(H) Final Hydrostatic Mud	1700	1695