



Home Office: Wichita, Kansas 67201

P.O. Box 1599

(316) 262-5861

Company Cherokee Resources, Inc. Lease & Well No. Clayton #1

Elevation 2291 Ground Level Formation Mississippi Effective Pay ----- Ft. Ticket No. 5696

Date 4/8/80 Sec. 15 Twp. 28S Range 20W County Kiowa State Kansas

Test Approved by Richard E. Roby Western Representative Dave Sloan

Formation Test No. 1 Interval Tested from 4892 ft. to 4916 ft. Total Depth 4916 ft.

Packer Depth 4887 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4892 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4896 ft. Recorder Number 6246 Cap 5200

Bottom Recorder Depth (Outside) 4899 ft. Recorder Number 2604 Cap 4150

Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Slawson Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type drispac Viscosity 60 Weight Pipe Length 150 I. D. 3.2 in.

Weight 9.4 Water Loss 17.6 cc. Drill Pipe Length 4722 I. D. 3.8 in.

Chlorides 18,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Jars: Make ----- Serial Number ----- Anchor Length 24 ft. Size 5 1/2 OD in.

Did Well Flow? -- Reversed Out --- Surface Choke Size 7 7/8 in. Bottom Choke Size 4 1/2 FH in.

Main Hole Size - in. Tool Joint Size - in.

Blow: -----

Recovered - ft. of -----

Recovered - ft. of -----

Recovered - ft. of MISRUN PACKER SEAT FAILURE

Recovered 240 ft. of drilling mud

Recovered - ft. of -----

Remarks: -----

Time Set Packer(s) 3:35 A.M. P.M. Time Started Off Bottom 3:50 A.M. P.M. Maximum Temperature ?

Initial Hydrostatic Pressure ----- (A) 2383 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) 2375 P.S.I.

267

Cherokee Reservoir
#1 Clayton
EST 1

KT #5696
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COMPANY

CHEROKEE RESOURCES, INC.

LEASE AND WELL NO.

CLAYTON #1

SEC

15

TWP

18S

RGE

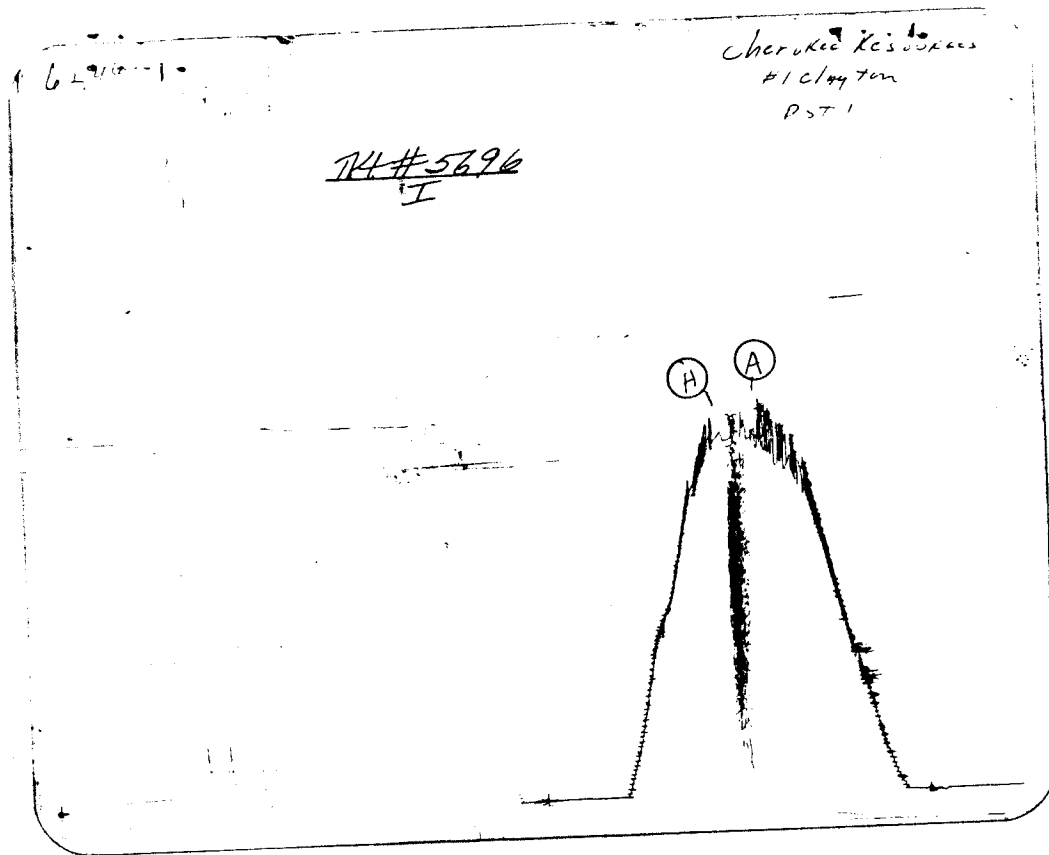
20W

TEST NO.

1

DATE

4/8/80



This is an actual photograph of recorder chart.

MISRUN

PRESSURE

POINT

Field
ReadingOffice
Reading

(A) Initial Hydrostatic Mud	2383	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	2375	PSI



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Company Cherokee Resources, Inc. Lease & Well No. Clayton #1
Elevation 2291 Ground Level Formation Mississippi Effective Pay ---- Ft. Ticket No. 5697
Date 4/8/80 Sec 15 Twp 28S Range 20W County Kiowa State Kansas
Test Approved by Richard E. Roby Western Representative Dave Sloan

Formation Test No. 2 Interval Tested from 4882 ft. to 4916 ft. Total Depth 4916 ft.

Packer Depth 4877 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4882 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4885 ft.

Recorder Number 6246 Cap. 5200

Bottom Recorder Depth (Outside) 4888 ft.

Recorder Number 2604 Cap. 4150

Below Straddle Recorder Depth - ft.

Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #2

Drill Collar Length - I. D. - in.

Mud Type drispac Viscosity 60

Weight Pipe Length 150 I. D. 3.2 in.

Weight 9.4 Water Loss 17.6 cc.

Drill Pipe Length 4712 I. D. 3.8 in.

Chlorides 18,000 P.P.M.

Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

Jars: Make - Serial Number -

Anchor Length 34 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: Weak dying in twenty minutes on initial flow period. Weak blow dying ten minutes in final flow period.

Recovered 70 ft. of slightly gas cut drilling mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s)	<u>8:35</u>	<u>A.M.</u>	Time Started Off Bottom	<u>10:35</u>	<u>A.M.</u>	Maximum Temperature	<u>125°</u>
		<u>P.M.</u>			<u>P.M.</u>		
Initial Hydrostatic Pressure				<u>2067</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>27</u>	P.S.I. to (C)	<u>43</u>	P.S.I.
Initial Closed In Period	Minutes	<u>33</u>	(D)	<u>200</u>	P.S.I.		
Final Flow Period	Minutes	<u>30</u>	(E)	<u>47</u>	P.S.I. to (F)	<u>45</u>	P.S.I.
Final Closed In Period	Minutes	<u>30</u>	(G)	<u>137</u>	P.S.I.		
Final Hydrostatic Pressure				<u>2059</u>	P.S.I.		

WESTERN TESTING CO., INC.

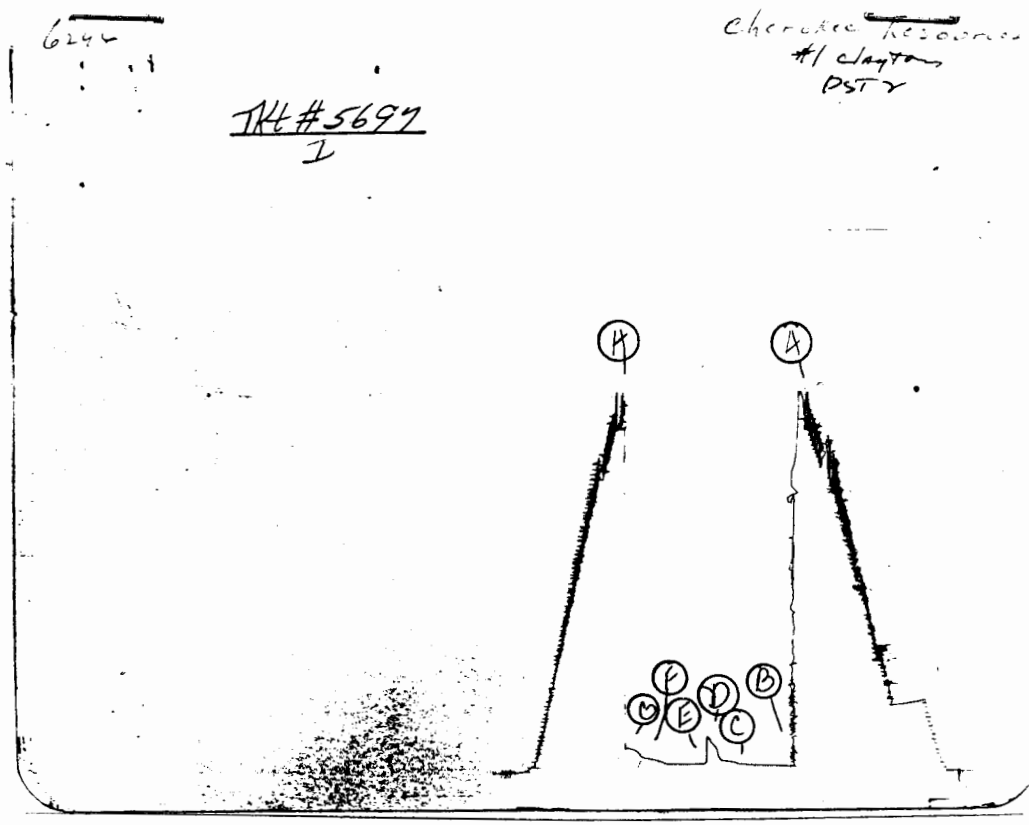
Pressure Data

Date 4/8/80 Recorder No. 2604 Capacity 4150 Test Ticket No. 5697
 Clock No. ----- Elevation 2291 Ground Level Location 4885 Ft. 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2067	P.S.I.	8:35A	M
B First Initial Flow Pressure	27	P.S.I.	30	Mins. 30
C First Final Flow Pressure	43	P.S.I.	30	Mins. 33
D Initial Closed-in Pressure	200	P.S.I.	30	Mins. 30
E Second Initial Flow Pressure	47	P.S.I.	30	Mins. 30
F Second Final Flow Pressure	45	P.S.I.		
G Final Closed-in Pressure	137	P.S.I.		
H Final Hydrostatic Mud	2059	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>6</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 <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>27</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>45</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>44</u>	<u>5</u>	<u>45</u>	<u>3</u>	<u>59</u>
P 3 <u>10</u>	<u>34</u>	<u>6</u>	<u>45</u>	<u>10</u>	<u>45</u>	<u>6</u>	<u>62</u>
P 4 <u>15</u>	<u>37</u>	<u>9</u>	<u>48</u>	<u>15</u>	<u>45</u>	<u>9</u>	<u>71</u>
P 5 <u>20</u>	<u>39</u>	<u>12</u>	<u>52</u>	<u>20</u>	<u>45</u>	<u>12</u>	<u>76</u>
P 6 <u>25</u>	<u>41</u>	<u>15</u>	<u>58</u>	<u>25</u>	<u>45</u>	<u>15</u>	<u>79</u>
P 7 <u>30</u>	<u>43</u>	<u>18</u>	<u>62</u>	<u>30</u>	<u>45</u>	<u>18</u>	<u>87</u>
P 8		<u>21</u>	<u>65</u>			<u>21</u>	<u>117</u>
P 9		<u>24</u>	<u>68</u>			<u>24</u>	<u>130</u>
P10		<u>27</u>	<u>132</u>			<u>27</u>	<u>134</u>
P11		<u>30</u>	<u>160</u>			<u>30</u>	<u>137</u>
P12		<u>33</u>	<u>200</u>				
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2540	2067*	PSI
(B) First Initial Flow Pressure	13	27	PSI
(C) First Final Flow Pressure	26	43	PSI
(D) Second Initial Flow Pressure	209	200	PSI
(E) Second Final Flow Pressure	26	47	PSI
(F) Second Final Flow Pressure	26	45	PSI
(G) Final Closed-in Pressure	157	137	PSI
(H) Final Hydrostatic Mud	2522	2059 *	PSI