

Company Cimmaron Petroleum Corporation Lease & Well No. Webster #1
 Elevation Est. 1754 Ground Level Mississippi Formation Effective Pay - Ft. Ticket No. 11089
 Date 3/22/81 Sec. 30 Twp. 34S Range 19W County Comanche State Kansas
 Test Approved by J Bird Western Representative Cliff Scheuerman

Formation Test No. 1 Interval Tested from 5148 ft. to 5250 ft. Total Depth 5250 ft.
 Packer Depth 5143 ft. Size 6 5/8 in. Packer Depth 5148 ft. Size 6 5/8 in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 5212 ft. Recorder Number 1563 Cap. 4200
 Bottom Recorder Depth (Outside) 5215 ft. Recorder Number 1562 Cap. 3900
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Explor. Rig #1 Drill Collar Length 599 I. D. 2 1/4 in.
 Mud Type Chemical Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 10.6 cc. Drill Pipe Length 4415 I. D. 3.8 in.
 Chlorides 17,000 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 in.
 Jars: Make WIC Serial Number 411 Anchor Length 102 ft. Size 5 1/2 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 XH in.

Blow: Initial flow period buildt to 8" to 10" steady strong blow. Final flow period 8" steady strong blow

Recovered 600 ft. of very slightly gas cut drilling mud.
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s)	<u>4:00</u>	A.M. P.M.	Time Started Off Bottom	<u>7:00</u>	A.M. P.M.	Maximum Temperature	<u>120</u>
Initial Hydrostatic Pressure	(A)	<u>2600</u>			P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>131</u>	P.S.I. to (C)	<u>179</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>579</u>	P.S.I.		
Final Flow Period	Minutes	<u>30</u>	(E)	<u>323</u>	P.S.I. to (F)	<u>360</u>	P.S.I.
Final Closed In Period	Minutes	<u>57</u>	(G)	<u>736</u>	P.S.I.		
Final Hydrostatic Pressure	(H)	<u>2574</u>			P.S.I.		

WESTERN TESTING CO., INC.

Pressure Data

Date 3/22/81 Recorder No. 1563 Capacity 4200 Test Ticket No. 11089
 Location 5212 Ft. Clock No. - Elevation Est. 1754 Ground Level Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2600</u> P.S.I.	Open Tool	<u>4:00P</u>	<u>M</u>
B First Initial Flow Pressure	<u>131</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>179</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>579</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>323</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>360</u> P.S.I.			
G Final Closed-in Pressure	<u>736</u> P.S.I.			
H Final Hydrostatic Mud	<u>2574</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: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

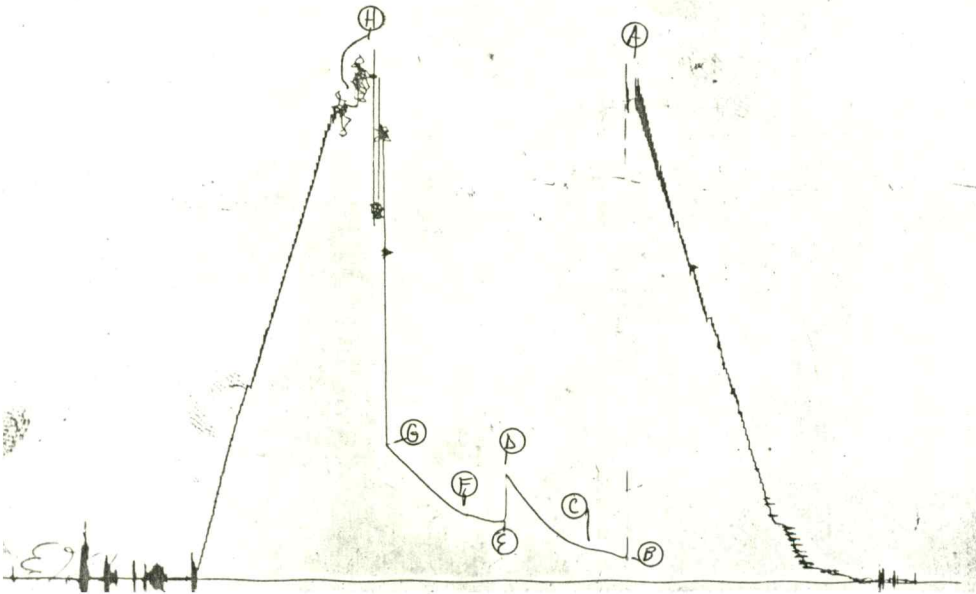
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

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>131</u>	<u>0</u>	<u>179</u>	<u>0</u>	<u>323</u>	<u>0</u>	<u>360</u>
P 2 <u>5</u>	<u>131</u>	<u>3</u>	<u>188</u>	<u>5</u>	<u>323</u>	<u>3</u>	<u>371</u>
P 3 <u>10</u>	<u>149</u>	<u>6</u>	<u>196</u>	<u>10</u>	<u>323</u>	<u>6</u>	<u>384</u>
P 4 <u>15</u>	<u>159</u>	<u>9</u>	<u>203</u>	<u>15</u>	<u>332</u>	<u>9</u>	<u>394</u>
P 5 <u>20</u>	<u>166</u>	<u>12</u>	<u>213</u>	<u>20</u>	<u>345</u>	<u>12</u>	<u>414</u>
P 6 <u>25</u>	<u>172</u>	<u>15</u>	<u>224</u>	<u>25</u>	<u>353</u>	<u>15</u>	<u>431</u>
P 7 <u>30</u>	<u>179</u>	<u>18</u>	<u>239</u>	<u>30</u>	<u>360</u>	<u>18</u>	<u>453</u>
P 8		<u>21</u>	<u>254</u>			<u>21</u>	<u>472</u>
P 9		<u>24</u>	<u>272</u>			<u>24</u>	<u>489</u>
P10		<u>27</u>	<u>287</u>			<u>27</u>	<u>511</u>
P11		<u>30</u>	<u>313</u>			<u>30</u>	<u>532</u>
P12		<u>33</u>	<u>332</u>			<u>33</u>	<u>553</u>
P13		<u>36</u>	<u>358</u>			<u>36</u>	<u>579</u>
P14		<u>39</u>	<u>381</u>			<u>39</u>	<u>598</u>
P15		<u>42</u>	<u>409</u>			<u>42</u>	<u>621</u>
P16		<u>45</u>	<u>438</u>			<u>45</u>	<u>643</u>
P17		<u>48</u>	<u>466</u>			<u>48</u>	<u>662</u>
P18		<u>51</u>	<u>494</u>			<u>51</u>	<u>687</u>
P19		<u>54</u>	<u>526</u>			<u>54</u>	<u>709</u>
P20		<u>57</u>	<u>557</u>			<u>57</u>	<u>736</u>
WTC - 4		<u>60</u>	<u>579</u>				

TKT # 11089

I.



Company Cimmaron Petroleum Corporation Lease & Well No. Webster #1
 Elevation - Formation Swope Effective Pay - Ft. Ticket No. 6484
 Date 3/24/81 Sec. 30 Twp. 34S Range 19W County Comanche State Kansas
 Test Approved by J. Bird Western Representative Vernon Wondra

Formation Test No. 2 Interval Tested from 4771 ft. to 4832 ft. Total Depth 5400 ft.
 Packer Depth 4766 ft. Size 6 5/8 in. Packer Depth 4832 ft. Size 6 5/8 in.
 Packer Depth 4771 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set 4840

Top Recorder Depth (Inside) 4819 ft. Recorder Number 6074 Cap. 5100
 Bottom Recorder Depth (Outside) 4822 ft. Recorder Number 10979 Cap. 4100
 Below Straddle Recorder Depth 4837 ft. Recorder Number WTC Cap. ?

Drilling Contractor Explor. Rig #1 Drill Collar Length 557 I. D. 2 1/4 in.
 Mud Type Chemical Viscosity 47 Weight Pipe Length - I. D. - in.
 Weight 9.5 Water Loss 10.2 cc. Drill Pipe Length 4185 I. D. 3.8 in.
 Chlorides 15,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 402 Anchor Length 61 ft. Size 5 1/2 OD + 31 DP 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 - in.

Blow: Weak blow increased to strong blow by end of both flow periods.

Recovered 120 ft. of mud
 Recovered 180 ft. of slightly gas cut mud
 Recovered 120 ft. of gas cut mud - trace of oil
 Recovered 120 ft. of 120 gas cut mud - trace of oil

Remarks: No seat for bottom packer. Perf. in straddle anchor plugged.

Time Set Packer(s) 10:50 ~~PM~~ ^{A.M.} Time Started Off Bottom 1:50 ~~PM~~ ^{A.M.} Maximum Temperature 119
 Initial Hydrostatic Pressure (A) 2445 P.S.I.
 Initial Flow Period Minutes 30 (B) 97 P.S.I. to (C) 187 P.S.I.
 Initial Closed In Period Minutes 60 (D) 1342 P.S.I.
 Final Flow Period Minutes 30 (E) 230 P.S.I. to (F) 271 P.S.I.
 Final Closed In Period Minutes 60 (G) 1207 P.S.I.
 Final Hydrostatic Pressure (H) 2414 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 3/24/81 Recorder No. 6074 Capacity 5100 Test Ticket No. 6484 Location 4819 Ft.
 Clock No. - Elevation - Well Temperature 119 °F

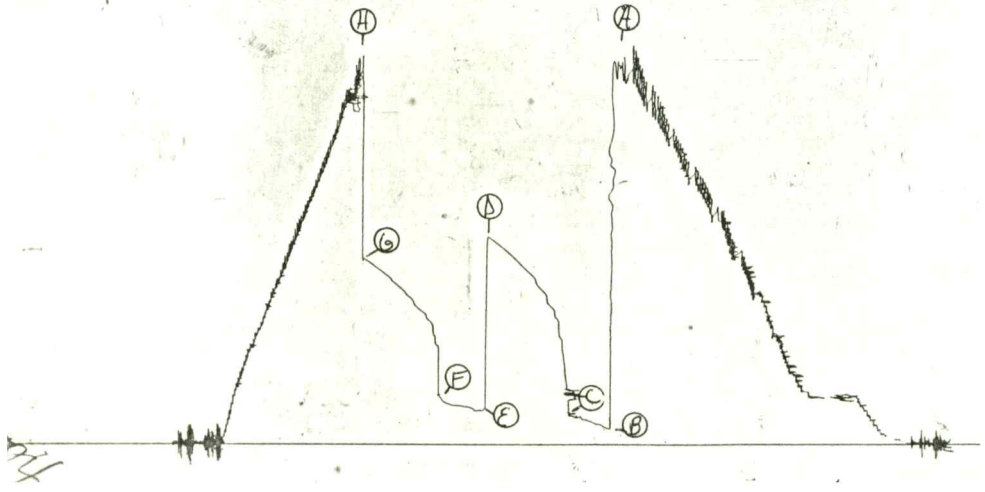
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2445</u> P.S.I.	Open Tool	<u>10:50A</u> M	
B First Initial Flow Pressure	<u>97</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>187</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1342</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>230</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>271</u> P.S.I.			
G Final Closed-in Pressure	<u>1207</u> P.S.I.			
H Final Hydrostatic Mud	<u>2414</u> P.S.I.			

PRESSURE BREAKDOWN

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>6</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.
--	---	---	---

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>97</u>	<u>0</u>	<u>187</u>	<u>0</u>	<u>230</u>	<u>0</u>	<u>271</u>
P 2 5	<u>118</u>	<u>3</u>	<u>537</u>	<u>5</u>	<u>223</u>	<u>3</u>	<u>312</u>
P 3 10	<u>130</u>	<u>6</u>	<u>696</u>	<u>10</u>	<u>238</u>	<u>6</u>	<u>657</u>
P 4 15	<u>151</u>	<u>9</u>	<u>818</u>	<u>15</u>	<u>246</u>	<u>9</u>	<u>793</u>
P 5 20	<u>164</u>	<u>12</u>	<u>887</u>	<u>20</u>	<u>251</u>	<u>12</u>	<u>826</u>
P 6 25	<u>179</u>	<u>15</u>	<u>954</u>	<u>25</u>	<u>256</u>	<u>15</u>	<u>862</u>
P 7 30	<u>187</u>	<u>18</u>	<u>987</u>	<u>30</u>	<u>271</u>	<u>18</u>	<u>880</u>
P 8		<u>21</u>	<u>1013</u>			<u>21</u>	<u>910</u>
P 9		<u>24</u>	<u>1066</u>			<u>24</u>	<u>951</u>
P10		<u>27</u>	<u>1099</u>			<u>27</u>	<u>977</u>
P11		<u>30</u>	<u>1125</u>			<u>30</u>	<u>1005</u>
P12		<u>33</u>	<u>1151</u>			<u>33</u>	<u>1031</u>
P13		<u>36</u>	<u>1173</u>			<u>36</u>	<u>1051</u>
P14		<u>39</u>	<u>1202</u>			<u>39</u>	<u>1082</u>
P15		<u>42</u>	<u>1227</u>			<u>42</u>	<u>1105</u>
P16		<u>45</u>	<u>1250</u>			<u>45</u>	<u>1125</u>
P17		<u>48</u>	<u>1273</u>			<u>48</u>	<u>1143</u>
P18		<u>51</u>	<u>1293</u>			<u>51</u>	<u>1163</u>
P19		<u>54</u>	<u>1316</u>			<u>54</u>	<u>1184</u>
P20		<u>57</u>	<u>1332</u>			<u>57</u>	<u>1199</u>
WTC - 4		<u>60</u>	<u>1342</u>			<u>60</u>	<u>1207</u>

TKT # 6484
I



TXT # 6484

Below Straddle

