

Company Kennedy & Mitchell, Inc. Lease & Well No. Blood #39-54-3
 Elevation 1275 Ground Level Formation Cherokee Sand Effective Pay - Ft. Ticket No. 10064
 Date 11/1/81 Sec. 23 Twp. 29S Range 4E County Butler State Kansas
 Test Approved by John W Emerson Western Representative Robert Davis

Formation Test No. 1 Interval Tested from 2882 ft. to 2925 ft. Total Depth 2925 ft.
 Packer Depth 2882 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2877 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2887 ft. Recorder Number 13240 Cap. 4500
 Bottom Recorder Depth (Outside) 2891 ft. Recorder Number 11018 Cap. 4425
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Ramco Rig #2 Drill Collar Length 250 I. D. - in.
 Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss 12.0 cc. Drill Pipe Length 2638 I. D. - in.
 Chlorides 1500 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 402 Anchor Length 43 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.

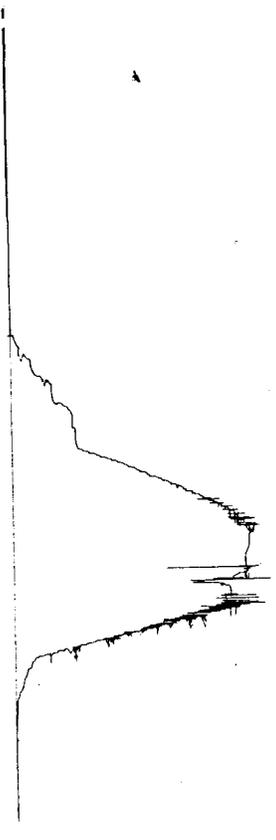
Blow: _____

Recovered 2800 ft. of drilling mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: Hole in drill pipe MISRUN

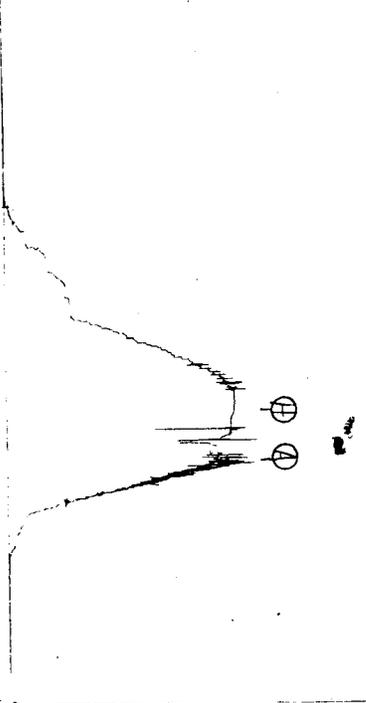
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
 Initial Hydrostatic Pressure _____ (A) 1346 P.S.I.
 Initial Flow Period _____ Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
 Initial Closed In Period _____ Minutes _____ (D) _____ P.S.I.
 Final 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) 1346 P.S.I.

IRI # 10064
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IRI # 10064

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Company Kennedy & Mitchell, Inc. Lease & Well No. Blood #39-521
 Elevation 1264 Kelly Bushing Formation Lower Bartlesville Effective Pay - Ft. Ticket No. 14256
 Date 11/16/81 Sec. 23 Twp. 29S Range 4E County Butler State Kansas
 Test Approved by H. B. Harvey Western Representative Karl L. West, Jr.

Formation Test No. 1 Interval Tested from 2811 ft. to 2838 ft. Total Depth 2838 ft.
 Packer Depth 2806 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2811 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2817 ft. Recorder Number 1051 Cap. 4250
 Bottom Recorder Depth (Outside) 2820 ft. Recorder Number 15640 Cap. 6600
 Below Straddle Recorder Depth = ft. Recorder Number = Cap. =

Drilling Contractor Ramco Drlg. Rig #2 Drill Collar Length - I. D. - in.
 Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 9.6 cc. Drill Pipe Length 2838 I. D. 3.8 in.
 Chlorides 2,200 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.
 Jars: Make WIC Serial Number 406 Anchor Length 27 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 XH in.

Blow: Initial flow period very weak building to weak. Final flow period weak building to strong - no gas to surface.

Recovered 360 ft. of gas in pipe
 Recovered 60 ft. of clean oil 98% oil; 1% mud; 1% gas
 Recovered 60 ft. of watery oil 17% oil; 81% watery mud; 2% gas
 Recovered 180 ft. of slightly oil cut water 11% oil; 82% water; 1% gas
 Recovered ft. of

Remarks:

Time Set Packer(s) 3:40 ~~AM~~ P.M. Time Started Off Bottom 8:10 ~~AM~~ P.M. Maximum Temperature 128°
 Initial Hydrostatic Pressure 1392 P.S.I.
 Initial Flow Period 35 Minutes (B) 177 P.S.I. to (C) 169 P.S.I.
 Initial Closed In Period 51 Minutes (D) 559 P.S.I.
 Final Flow Period 60 Minutes (E) 176 P.S.I. to (F) 169 P.S.I.
 Final Closed In Period 117 Minutes (G) 344 P.S.I.
 Final Hydrostatic Pressure 1345 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 11/16/81 Test Ticket No. 14256
 Recorder No. 1051 Capacity 4250 Location 2817 Ft.
 Clock No. - Elevation 1264 Kelly Bushing Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1392</u> P.S.I.	Open Tool	<u>3:40P</u>	<u>M</u>
B First Initial Flow Pressure	<u>177</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>35</u> Mins.
C First Final Flow Pressure	<u>169</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>51</u> Mins.
D Initial Closed-in Pressure	<u>559</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>176</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>117</u> Mins.
F Second Final Flow Pressure	<u>169</u> P.S.I.			
G Final Closed-in Pressure	<u>344</u> P.S.I.			
H Final Hydrostatic Mud	<u>1345</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>7</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>17</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>39</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	<u>0</u> <u>177</u>	<u>0</u> <u>169</u>	<u>0</u> <u>176</u>	<u>0</u> <u>176</u>	<u>0</u> <u>169</u>		
P 2	<u>5</u> <u>177</u>	<u>3</u> <u>181</u>	<u>5</u> <u>176</u>	<u>3</u> <u>169</u>			
P 3	<u>10</u> <u>175</u>	<u>6</u> <u>206</u>	<u>10</u> <u>176</u>	<u>6</u> <u>170</u>			
P 4	<u>15</u> <u>172</u>	<u>9</u> <u>239</u>	<u>15</u> <u>176</u>	<u>9</u> <u>174</u>			
P 5	<u>20</u> <u>170</u>	<u>12</u> <u>284</u>	<u>20</u> <u>176</u>	<u>12</u> <u>187</u>			
P 6	<u>25</u> <u>169</u>	<u>15</u> <u>327</u>	<u>25</u> <u>175</u>	<u>15</u> <u>209</u>			
P 7	<u>30</u> <u>169</u>	<u>18</u> <u>390</u>	<u>30</u> <u>173</u>	<u>18</u> <u>226</u>			
P 8	<u>35</u> <u>169</u>	<u>21</u> <u>450</u>	<u>35</u> <u>171</u>	<u>21</u> <u>239</u>			
P 9	<u> </u> <u> </u>	<u>24</u> <u>491</u>	<u>40</u> <u>169</u>	<u>24</u> <u>246</u>			
P10	<u> </u> <u> </u>	<u>27</u> <u>519</u>	<u>45</u> <u>169</u>	<u>27</u> <u>251</u>			
P11	<u> </u> <u> </u>	<u>30</u> <u>534</u>	<u>50</u> <u>169</u>	<u>30</u> <u>258</u>			
P12	<u> </u> <u> </u>	<u>33</u> <u>542</u>	<u>55</u> <u>169</u>	<u>33</u> <u>271</u>			
P13	<u> </u> <u> </u>	<u>36</u> <u>545</u>	<u>60</u> <u>169</u>	<u>36</u> <u>284</u>			
P14	<u> </u> <u> </u>	<u>39</u> <u>546</u>	<u> </u> <u> </u>	<u>39</u> <u>293</u>			
P15	<u> </u> <u> </u>	<u>42</u> <u>547</u>	<u> </u> <u> </u>	<u>42</u> <u>296</u>			
P16	<u> </u> <u> </u>	<u>45</u> <u>548</u>	<u> </u> <u> </u>	<u>45</u> <u>299</u>			
P17	<u> </u> <u> </u>	<u>48</u> <u>551</u>	<u> </u> <u> </u>	<u>48</u> <u>302</u>			
P18	<u> </u> <u> </u>	<u>51</u> <u>559</u>	<u> </u> <u> </u>	<u>51</u> <u>305</u>			
P19	<u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u>	<u>54</u> <u>308</u>			
P20	<u> </u> <u> </u>	<u> </u> <u> </u>	<u> </u> <u> </u>	<u>57</u> <u>310</u>			
				<u>60</u> <u>312</u>			

Pressure Data

Date 11/16/81 Test Ticket No. 14256
 Recorder No. 1051 Capacity 4250 Location 2817 Ft. _____
 Clock No. - Elevation 1264 Kelly Bushing Well Temperature 128 °F _____
 Point _____ Pressure _____ Time Given _____ Time Computed _____
 A Initial Hydrostatic Mud 1392 P.S.I. Open Tool 3:40P M _____
 B First Initial Flow Pressure 177 P.S.I. First Flow Pressure 30 Mins. 35 Mins.
 C First Final Flow Pressure 169 P.S.I. Initial Closed-in Pressure 60 Mins. 51 Mins.
 D Initial Closed-in Pressure 559 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 E Second Initial Flow Pressure 176 P.S.I. Final Closed-in Pressure 120 Mins. 117 Mins.
 F Second Final Flow Pressure 169 P.S.I.
 G Final Closed-in Pressure 344 P.S.I.
 H Final Hydrostatic Mud 1345 P.S.I.

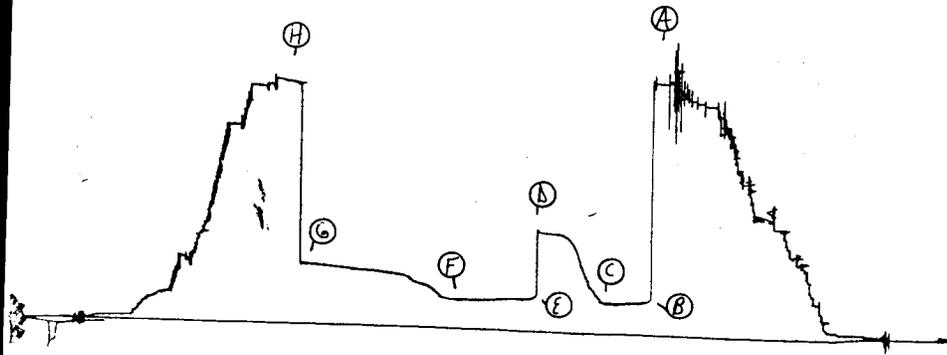
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>7</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>17</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>39</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						63	314
P 2						66	315
P 3						69	316
P 4						72	317
P 5						75	318
P 6						78	320
P 7						81	322
P 8						84	324
P 9						87	326
P10						90	328
P11						93	330
P12						96	332
P13						99	334
P14						102	336
P15						105	338
P16						108	340
P17						111	342
P18						114	343
P19						117	344
P20							

TKT. 14256

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Company Kennedy & Mitchell, Inc. Lease & Well No. Blood #39-54-3
 Elevation 1275 Ground Level Formation Cherokee Sand Effective Pay - Ft. Ticket No. 10065
 Date 11/2/81 Sec. 23 Twp. 29S Range 4E County Butler State Kansas
 Test Approved by John W Emerson Western Representative Robert Davis

Formation Test No. 2 Interval Tested from 2882 ft. to 2925 ft. Total Depth 2925 ft.
 Packer Depth 2882 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2877 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 2887 ft. Recorder Number 13240 Cap. 4500
 Bottom Recorder Depth (Outside) 2891 ft. Recorder Number 11018 Cap. 4425
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Ramco Rig #2 Drill Collar Length 250 I. D. - in.
 Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss - cc. Drill Pipe Length 2638 I. D. - in.
 Chlorides 1500 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 402 Anchor Length 43 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out - 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: Weak died 10 minutes into initial flow period.

Recovered 30 ft. of drilling mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: Slid 20 ft to bottom.

Time Set Packer(s) 3:15 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 105
 Initial Hydrostatic Pressure (A) 1277 P.S.I.
 Initial Flow Period Minutes 15 (B) 52 P.S.I. to (C) 52 P.S.I.
 Initial Closed In Period Minutes 30 (D) 57 P.S.I.
 Final Flow Period Minutes 15 (E) 50 P.S.I. to (F) 50 P.S.I.
 Final Closed In Period Minutes 36 (G) 56 P.S.I.
 Final Hydrostatic Pressure (H) 1266 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 11/2/81

Test Ticket No. 10065

Recorder No. 13240

Capacity 4500

Location 2887 Ft.

Clock No. - Elevation 1275 Ground Level

Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1277</u> P.S.I.	Open Tool	<u>3:15A</u> M	
B First Initial Flow Pressure	<u>52</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>52</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>57</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>50</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>36</u> Mins.
F Second Final Flow Pressure	<u>50</u> P.S.I.			
G Final Closed-in Pressure	<u>56</u> P.S.I.			
H Final Hydrostatic Mud	<u>1266</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

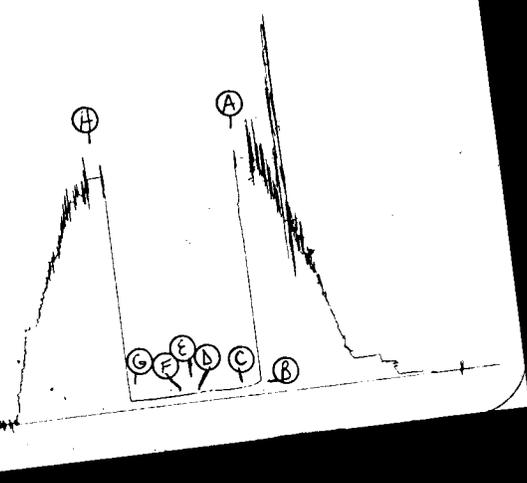
Second Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 12 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>52</u>	<u>0</u>	<u>52</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>50</u>
P 2 <u>5</u>	<u>52</u>	<u>3</u>	<u>52</u>	<u>5</u>	<u>50</u>	<u>3</u>	<u>50</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>53</u>	<u>10</u>	<u>50</u>	<u>6</u>	<u>50</u>
P 4 <u>15</u>	<u>52</u>	<u>9</u>	<u>53</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>50</u>
P 5 _____	_____	<u>12</u>	<u>54</u>	_____	_____	<u>12</u>	<u>50</u>
P 6 _____	_____	<u>15</u>	<u>55</u>	_____	_____	<u>15</u>	<u>50</u>
P 7 _____	_____	<u>18</u>	<u>55</u>	_____	_____	<u>18</u>	<u>50</u>
P 8 _____	_____	<u>21</u>	<u>56</u>	_____	_____	<u>21</u>	<u>51</u>
P 9 _____	_____	<u>24</u>	<u>56</u>	_____	_____	<u>24</u>	<u>52</u>
P10 _____	_____	<u>27</u>	<u>57</u>	_____	_____	<u>27</u>	<u>53</u>
P11 _____	_____	<u>30</u>	<u>57</u>	_____	_____	<u>30</u>	<u>54</u>
P12 _____	_____	_____	_____	_____	_____	<u>33</u>	<u>55</u>
P13 _____	_____	_____	_____	_____	_____	<u>36</u>	<u>56</u>
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

TKT # 70063

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Company Kennedy - Mitchell, Inc. Lease & Well No. Blood #39-521-3
 Elevation 1280 Kelly Bushing Formation Cherokee Sand Effective Pay - Ft. Ticket No. 9990
 Date 11/3/81 Sec. 23 Twp. 29S Range 4E County Butler State Kansas
 Test Approved by John Emmerson Western Representative Norman Allen

Formation Test No. 3 Interval Tested from 2834 ft. to 2895 ft. Total Depth 3000 ft.
 Packer Depth 2834 ft. Size 6 3/4 in. (Damaged) Packer Depth - ft. Size - in.
 Packer Depth 2895 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2877 ft. Recorder Number 1559 Cap. 4200
 Bottom Recorder Depth (Outside) 2880 ft. Recorder Number 13268 Cap. 4225
 Below Straddle Recorder Depth 2903 ft. Recorder Number 24 Cap. 4000

Drilling Contractor Ranco Drilling Rig #3 Drill Collar Length 250 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 43 Weight Pipe Length - I. D. - in.
 Weight 8.9 Water Loss 12.8 cc. Drill Pipe Length 2552 I. D. 3.8 in.
 Chlorides 2,200 P.P.M. Test Tool Length 188 ft. Tool Size 5 1/2 OD & DP in.
 Jars: Make WIC Serial Number 407 Anchor Length 61 ft. Size 5 1/2 OD & 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 4 1/2 XH in.

Blow: Weak to very weak forty five minutes.

Recovered 60 ft. of drilling mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 11:45 ~~A.M.~~ P.M. Time Started Off Bottom 3:30 ~~A.M.~~ P.M. Maximum Temperature 106°
 Initial Hydrostatic Pressure (A) 1335 P.S.I.
 Initial Flow Period Minutes 15 (B) 33 P.S.I. to (C) 33 P.S.I.
 Initial Closed In Period Minutes 30 (D) 456 P.S.I.
 Final Flow Period Minutes 60 (E) 52 P.S.I. to (F) 52 P.S.I.
 Final Closed In Period Minutes 126 (G) 86 P.S.I.
 Final Hydrostatic Pressure (H) 1335 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 11/3/81 Test Ticket No. 9990
 Recorder No. 1559 Capacity 4200 Location 2877 Ft.
 Clock No. - Elevation 1280 Kelly Bushing Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1335</u> P.S.I.	Open Tool	<u>11:45P</u>	<u>M</u>
B First Initial Flow Pressure	<u>33</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>33</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>456</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>52</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>126</u> Mins.
F Second Final Flow Pressure	<u>52</u> P.S.I.			
G Final Closed-in Pressure	<u>86</u> P.S.I.			
H Final Hydrostatic Mud	<u>1335</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>10</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>42</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	<u>0</u> 33	<u>0</u> 33		<u>0</u> 52		<u>0</u> 52	
P 2	<u>5</u> 33	<u>3</u> 288		<u>5</u> 52		<u>3</u> 52	
P 3	<u>10</u> 33	<u>6</u> 347		<u>10</u> 52		<u>6</u> 52	
P 4	<u>15</u> 33	<u>9</u> 370		<u>15</u> 52		<u>9</u> 52	
P 5		<u>12</u> 380		<u>20</u> 52		<u>12</u> 52	
P 6		<u>15</u> 403		<u>25</u> 52		<u>15</u> 53	
P 7		<u>18</u> 427		<u>30</u> 52		<u>18</u> 54	
P 8		<u>21</u> 435		<u>35</u> 52		<u>21</u> 55	
P 9		<u>24</u> 445		<u>40</u> 52		<u>24</u> 56	
P10		<u>27</u> 452		<u>45</u> 52		<u>27</u> 57	
P11		<u>30</u> 456		<u>50</u> 52		<u>30</u> 58	
P12				<u>55</u> 52		<u>33</u> 59	
P13				<u>60</u> 52		<u>36</u> 60	
P14						<u>39</u> 61	
P15						<u>42</u> 62	
P16						<u>45</u> 63	
P17						<u>48</u> 64	
P18						<u>51</u> 65	
P19						<u>54</u> 66	
P20						<u>57</u> 66	
						<u>60</u> 66	

WESTERN TESTING CO., INC.

Pressure Data

Date 11/3/81 Test Ticket No. 9990
 Recorder No. 1559 Capacity 4200 Location 2877 Ft.
 Clock No. - Elevation 1280 Kelly Bushing Well Temperature 106 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1335</u> P.S.I.	<u>11:45P</u>	<u>M</u>
B First Initial Flow Pressure	<u>33</u> P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>33</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>456</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>52</u> P.S.I.	<u>120</u> Mins.	<u>126</u> Mins.
F Second Final Flow Pressure	<u>52</u> P.S.I.		
G Final Closed-in Pressure	<u>86</u> P.S.I.		
H Final Hydrostatic Mud	<u>1335</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 3 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

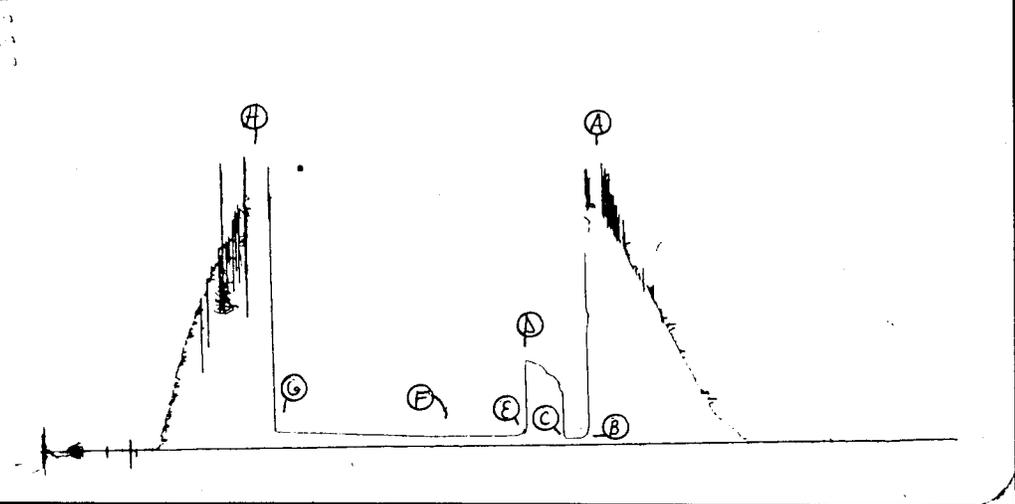
Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 42 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						63	67
P 2						66	68
P 3						69	69
P 4						72	70
P 5						75	71
P 6						78	72
P 7						81	73
P 8						84	74
P 9						87	75
P10						90	76
P11						93	77
P12						96	78
P13						99	79
P14						102	79
P15						105	79
P16						108	80
P17						111	81
P18						114	82
P19						117	83
P20						120	84
						123	85
						126	86

TRT # 9990
I



TKT # 9990
Below Straddle

