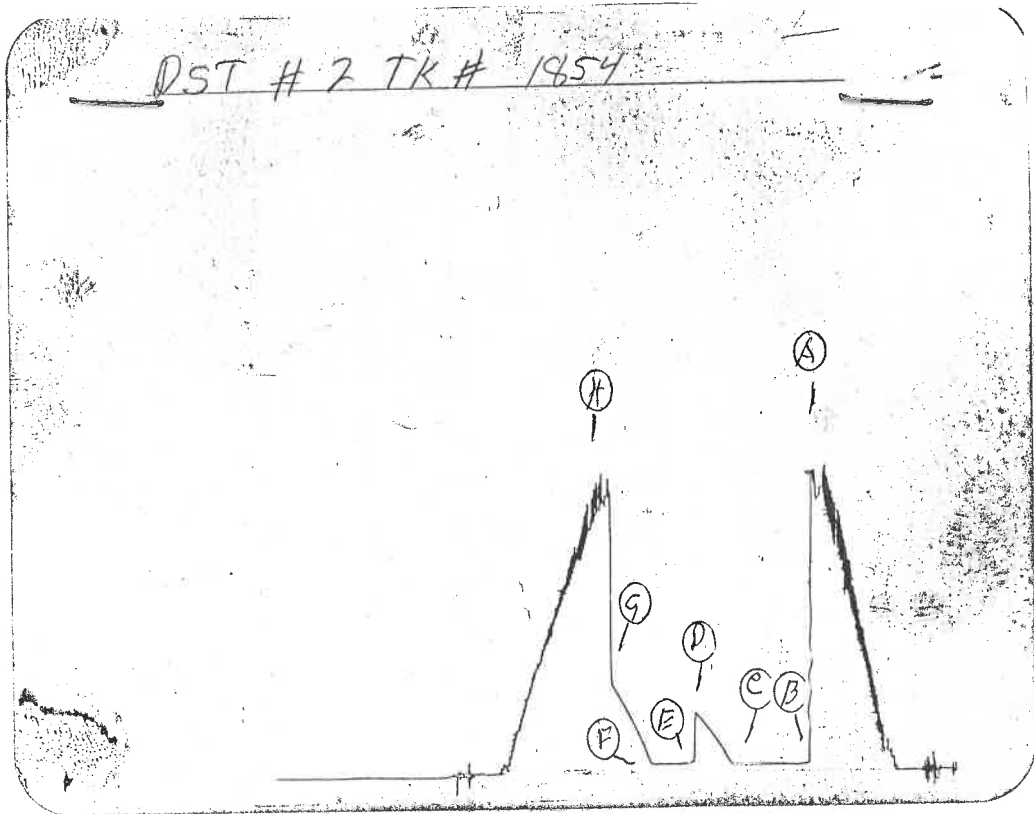




This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1802	1806	PSI
(B) First Initial Flow Pressure	69	67	PSI
(C) First Final Flow Pressure	69	67	PSI
(D) Initial Closed-in Pressure	359	359	PSI
(E) Second Initial Flow Pressure	81	77	PSI
(F) Second Final Flow Pressure	92	83	PSI
(G) Final Closed-in Pressure	545	526	PSI
(H) Final Hydrostatic Mud	1780	1790	PSI



Ricketts Testing, Inc.

Company JAED PRODUCTION, INC. Lease & Well No. MOLZEN #1
Elevation 1116 G.L. Formation CATTLEMAN SAND Effective Pay _____ ft. Ticket No. 1854
Date 4-8-97 Sec. 1 Twp. 35S Range 1E County SUMNER State KANSAS
Test Approved by JAY WARREN Ricketts Representative JIM RICKETTS
Formation Test No. 2 Interval Tested from 3444 ft. to 3460 ft. Total Depth 3460 ft.
Packer Depth 3444 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3441 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3449 ft. Recorder Number 13307 Cap. 4650
Bottom Recorder Depth (Outside) 3452 ft. Recorder Number 13306 Cap. 4625
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Berentz Drilling Rig #5 Drill Collar Length 245 I.D. 2.25 in.
Mud Type Chemical Viscosity 50 Weight Pipe Length _____ I.D. _____ in.
Weight 9.3 Water Loss 9.2 cc. Drill Pipe Length 3179 I.D. 3.25 in.
Chlorides 1000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make _____ Serial Number _____ Anchor Length 16 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.
Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Strong blow throughout test.

Recovered 780 ft. of Gas in pipe.

Recovered 65 ft. of Gas cut mud with a slight show of oil.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 10:32 A M. Time Started Off Bottom 1:02 P M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) 1806 P.S.I.
Initial Flow Period Minutes 60 (B) 67 P.S.I. to
(C) 67 P.S.I.
Initial Closed In Period Minutes 30 (D) 359 P.S.I.
Final Flow Period Minutes 30 (E) 77 P.S.I. to
(F) 83 P.S.I.
Final Closed In Period Minutes 30 (G) 526 P.S.I.
Final Hydrostatic Pressure (H) 1790 P.S.I.

RICKETTS TESTING, INC.

Pressure Data

Date 4-8-97 Test Ticket No. 1854
 Recorder No. 13307 Capacity 4650 Location 3449 Ft.
 Clock No. _____ Elevation 1116 G.L. Well Temperature _____ °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1806 P.S.I. Open Tool 10:32 AM
 B First Initial Flow Pressure 67 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 C First Final Flow Pressure 67 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D Initial Closed-in Pressure 359 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.
 E Second Initial Flow Pressure 77 P.S.I. Final Closed-in Pressure 30 Mins. 30 Mins.
 F Second Final Flow Pressure 83 P.S.I.
 G Final Closed-in Pressure 526 P.S.I.
 H Final Hydrostatic Mud 1790 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>10</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>67</u>	<u>0</u>	<u>67</u>	<u>0</u>	<u>77</u>	<u>0</u>	<u>83</u>
P 2 <u>5</u>	<u>67</u>	<u>3</u>	<u>78</u>	<u>5</u>	<u>77</u>	<u>3</u>	<u>106</u>
P 3 <u>10</u>	<u>67</u>	<u>6</u>	<u>104</u>	<u>10</u>	<u>78</u>	<u>6</u>	<u>155</u>
P 4 <u>15</u>	<u>67</u>	<u>9</u>	<u>148</u>	<u>15</u>	<u>79</u>	<u>9</u>	<u>203</u>
P 5 <u>20</u>	<u>67</u>	<u>12</u>	<u>183</u>	<u>20</u>	<u>80</u>	<u>12</u>	<u>252</u>
P 6 <u>25</u>	<u>67</u>	<u>15</u>	<u>220</u>	<u>25</u>	<u>81</u>	<u>15</u>	<u>301</u>
P 7 <u>30</u>	<u>67</u>	<u>18</u>	<u>253</u>	<u>30</u>	<u>83</u>	<u>18</u>	<u>350</u>
P 8 <u>35</u>	<u>67</u>	<u>21</u>	<u>282</u>	<u>35</u>		<u>21</u>	<u>405</u>
P 9 <u>40</u>	<u>67</u>	<u>24</u>	<u>310</u>	<u>40</u>		<u>24</u>	<u>455</u>
P10 <u>45</u>	<u>67</u>	<u>27</u>	<u>340</u>	<u>45</u>		<u>27</u>	<u>491</u>
P11 <u>50</u>	<u>67</u>	<u>30</u>	<u>359</u>	<u>50</u>		<u>30</u>	<u>526</u>
P12 <u>55</u>	<u>67</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13 <u>60</u>	<u>67</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P14 <u>65</u>		<u>39</u>		<u>65</u>		<u>39</u>	
P15 <u>70</u>		<u>42</u>		<u>70</u>		<u>42</u>	
P16 <u>75</u>		<u>45</u>		<u>75</u>		<u>45</u>	
P17 <u>80</u>		<u>48</u>		<u>80</u>		<u>48</u>	
P18 <u>85</u>		<u>51</u>		<u>85</u>		<u>51</u>	
P19 <u>90</u>		<u>54</u>		<u>90</u>		<u>54</u>	
P20 <u>95</u>		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	