



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company J.A. Allison Lease & Well No. Haberman #1
 Elevation - Formation Conglomerate Effective Pay - Ft. Ticket No. 22247
 Date 4-5-77 Sec. 24 Twp. 18S Range 18W County Rush State Kansas
 Test Approved by Orlin R. Phelps Western Representative Don Leiker
 Formation Test No. 1 O.K. Misrun Interval Tested From 3700' to 3718' Total Depth 3718'
 Size Main Hole 77/8 Rat Hole 12 1/4 Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 3695 Ft. Size 6 3/4 Bottom Packer Depth 3700 Ft. Size 6 3/4
 Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
 Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 18 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 3710 Ft. Clock No. 6774 Depth 3713 Ft. Clock No. 6806
 Top Make Kuster Cap. 4300 No. 1566 ^{Inside} ~~Outside~~ Bottom Make Kuster Cap. 4150 No. 2607 ^{Inside} ~~Outside~~
 Below Straddle: Depth - Rec. No. - Clock No. - ^{Inside} ~~Outside~~ Depth - Ft. Rec. No. - Clock No. - ^{Inside} ~~Outside~~
 Time Set Packer 8:26 P.M.
 Tool Open I.F.P. From 8:30 P.M. to 9:00 P.M. - Hr. 30 Min. From (B) 40 P.S.I. To (C) 28 P.S.I.
 Tool Closed I.C.I.P. From 9:00 P.M. to 9:30 P.M. - Hr. 30 Min (D) 833 P.S.I.
 Tool Open F.F.P. From 9:30 P.M. to 10:30 P.M. 1 Hr. - Min. From (E) 41 P.S.I. To (F) 43 P.S.I.
 Tool Closed F.C.I.P. From 10:30 P.M. to 11:15 P.M. - Hr. 45 Min. (G) 667 P.S.I.
 Initial Hydrostatic Pressure (A) 1900 P.S.I. Final Hydrostatic Pressure (H) 1855 P.S.I. Maximum Temp. 103

INFORMATION

BLOW Very weak blow decreasing, died in 40 minutes of final flow period.
 Did Well Flow Yes No Recovery Total Ft. 30' slightly oil cut mud.
 Reversed Out Yes No Mud Type starch Viscosity 12 Weight 9.6 Water Loss 17.6 cc. Chlorides 60,000 P.P.M.
 EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint none Jars: Size - In. Make - Ser. No. -
 Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
 DRILLING CONTRACTOR D.N.B. Drlg., Inc. Length Drill Pipe? 2460 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.
 Length Weight Pipe 922 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 XH In. Length Drill Collars - Ft. I.D. Drill Collars - In.
 Tool Joint Size - In. Length D.S.T. Tool 38 Ft.
 Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 4-5-77 Test Ticket No. 22247
 Recorder No. 1566 Capacity 4300 Location 3710 Ft.
 Clock No. 6774 Elevation - Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1900</u> P.S.I.	Open Tool	<u>8:26</u> P.M.	
B First Initial Flow Pressure	<u>40</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>833</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>65</u> Mins.
E Second Initial Flow Pressure	<u>41</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>39</u> Mins.
F Second Final Flow Pressure	<u>43</u> P.S.I.			
G Final Closed-in Pressure	<u>667</u> P.S.I.			
H Final Hydrostatic Mud	<u>1855</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	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 Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <u>0</u>	<u>40</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>43</u>	
P 2 <u>5</u>	<u>28</u>	<u>3</u>	<u>35</u>	<u>5</u>	<u>30</u>	<u>3</u>	<u>45</u>	
P 3 <u>10</u>	<u>28</u>	<u>6</u>	<u>76</u>	<u>10</u>	<u>43</u>	<u>6</u>	<u>56</u>	
P 4 <u>15</u>	<u>28</u>	<u>9</u>	<u>158</u>	<u>15</u>	<u>43</u>	<u>9</u>	<u>69</u>	
P 5 <u>20</u>	<u>28</u>	<u>12</u>	<u>305</u>	<u>20</u>	<u>43</u>	<u>12</u>	<u>90</u>	
P 6 <u>25</u>	<u>28</u>	<u>15</u>	<u>450</u>	<u>25</u>	<u>43</u>	<u>15</u>	<u>121</u>	
P 7 <u>30</u>	<u>28</u>	<u>18</u>	<u>562</u>	<u>30</u>	<u>43</u>	<u>18</u>	<u>173</u>	
P 8		<u>21</u>	<u>643</u>	<u>35</u>	<u>43</u>	<u>21</u>	<u>268</u>	
P 9		<u>24</u>	<u>712</u>	<u>40</u>	<u>43</u>	<u>24</u>	<u>373</u>	
P10		<u>27</u>	<u>768</u>	<u>45</u>	<u>43</u>	<u>27</u>	<u>463</u>	
P11		<u>30</u>	<u>833</u>	<u>50</u>	<u>43</u>	<u>30</u>	<u>530</u>	
P12				<u>55</u>	<u>43</u>	<u>33</u>	<u>586</u>	
P13				<u>60</u>	<u>43</u>	<u>36</u>	<u>628</u>	
P14				<u>65</u>	<u>43</u>	<u>39</u>	<u>667</u>	
P15								
P16								
P17								
P18								
P19								
P20								

1566

7/17/2007
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