



Home Office: Great Bend, Kansas

P. O. Box 793 (316) 793-7903

Company Graves Drilling Co., Inc. Lease & Well No. Eleanor #1
Elevation 1444 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 21249
Date 6-10-75 Sec. 6 Twp. 29S Range 6W County Kingman State Kansas
Test Approved by Harold Steincamp Western Representative Forrest Purnell
Formation Test No. 1 O.K. X Misrun - Interval Tested From 3936' to 3945' Total Depth 3945'
Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Top Packer Depth 3930 Ft. Size 6 3/4 Bottom Packer Depth 3935 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 10 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 3937 Ft. Clock No. 6800 Depth 3940 Ft. Clock No. 6859
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3150 No. 1565 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 6:40 P M
Tool Open I.F.P. From 6:45P M. to 7:00P M. - Hr. 15 Min. From (B) 33 P.S.I. To (C) 33 P.S.I.
Tool Closed I.C.I.P. From 7:00P M. to 7:45P M. - Hr. 45 Min (D) 1235 P.S.I.
Tool Open F.F.P. From 7:45P M. to 8:45P M. - Hr. 60 Min. From (E) 49 P.S.I. To (F) 90 P.S.I.
Tool Closed F.C.I.P. From 8:45P M. to 9:30P M. - Hr. 45 Min. (G) 1121 P.S.I.
Initial Hydrostatic Pressure (A) 2070 P.S.I. Final Hydrostatic Pressure (H) 2053 P.S.I. Maximum Temp. 119

INFORMATION

BLOW Strong 15" blow. Slightly decreased to fair 10" blow throughout test.
Did Well Flow - Yes X No Recovery Total Ft. 10' heavy oil cut mud, 180' muddy water.
Reversed Out - Yes X No Mud Type Starch Viscosity 50 Weight 9.4 Water Loss 10.8 cc. Chlorides 68,000 PPM
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint - Jars: Size - In. Make - Ser. No. -
Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -
DRILLING CONTRACTOR Graves Drilling Co., Inc. Length Drill Pipe? 3826 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 88 Ft. I.D. Drill Collars 2 1/2 In.
Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 31 Ft.
Remarks: Outside recorder drum jammed.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-10-75 Test Ticket No. 21239 21249
 Recorder No. 1559 Capacity 4200 Location 3937 Ft.
 Clock No. 6800 Elevation 1444 Kelly Bushing Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2070</u>	P.S.I.	<u>6:40 P</u>	M
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>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>1235</u>	P.S.I.	<u>60</u>	Mins. <u>60</u> Mins.
E Second Initial Flow Pressure	<u>49</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
F Second Final Flow Pressure	<u>90</u>	P.S.I.		
G Final Closed-in Pressure	<u>1121</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2053</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</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>33</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>90</u>
P 2 <u>5</u>	<u>33</u>	<u>3</u>	<u>194</u>	<u>5</u>	<u>49</u>	<u>3</u>	<u>295</u>
P 3 <u>10</u>	<u>33</u>	<u>6</u>	<u>441</u>	<u>10</u>	<u>51</u>	<u>6</u>	<u>515</u>
P 4 <u>15</u>	<u>33</u>	<u>9</u>	<u>650</u>	<u>15</u>	<u>54</u>	<u>9</u>	<u>660</u>
P 5		<u>12</u>	<u>816</u>	<u>20</u>	<u>61</u>	<u>12</u>	<u>754</u>
P 6		<u>15</u>	<u>925</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>824</u>
P 7		<u>18</u>	<u>997</u>	<u>30</u>	<u>70</u>	<u>18</u>	<u>883</u>
P 8		<u>21</u>	<u>1052</u>	<u>35</u>	<u>73</u>	<u>21</u>	<u>927</u>
P 9		<u>24</u>	<u>1096</u>	<u>40</u>	<u>78</u>	<u>24</u>	<u>969</u>
P10		<u>27</u>	<u>1133</u>	<u>45</u>	<u>82</u>	<u>27</u>	<u>1001</u>
P11		<u>30</u>	<u>1159</u>	<u>50</u>	<u>85</u>	<u>30</u>	<u>1028</u>
P12		<u>33</u>	<u>1182</u>	<u>55</u>	<u>88</u>	<u>33</u>	<u>1053</u>
P13		<u>36</u>	<u>1198</u>	<u>60</u>	<u>90</u>	<u>36</u>	<u>1073</u>
P14		<u>39</u>	<u>1212</u>			<u>39</u>	<u>1093</u>
P15		<u>42</u>	<u>1224</u>			<u>42</u>	<u>1109</u>
P16		<u>45</u>	<u>1235</u>			<u>45</u>	<u>1121</u>
P17							
P18							
P19							
P20							

TAT # 21249

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