



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Graves Drlg. Co. Lease & Well No. Burgess # 1
Elevation 1633 Kelly Bushing Formation Mississippian Effective Pay _____ Ft. Ticket No. 7990
Date 5-3-68 Sec. 28 Twp. 31s Range 9w County Harper State Kansas
Test Approved by Benton S. Brooks Western Representative George Tew

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 4432' to 4450' Total Depth 4450'
Size Main Hole 7 7/8 Rat Hole none Conv. _____ B.T. Damaged _____ Yes No Conv B.T. _____ Damaged _____ Yes No
Packer Depth 4432 Ft. Size 6 3/4 Packer Depth 4427 Ft. Size 6 3/4
Straddle _____ Yes _____ No Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Tool Size 5 1/2"OD Tool Jt. Size 4 1/2"FH Anchor Length 18 Ft. Size 5 1/2"OD

RECORDERS Depth 4441 Ft. Clock No. 6866 Depth 4444 Ft. Clock No. 6896
Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4300 No. 1566 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 9:13 A. _____ M _____
Tool Open I.F.P. From 9:15 M. to 9:30 A. M. Hr. 15 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.
Tool Closed I.C.I.P. From 9:30 M. to 10:00 A. M. Hr. 30 Min. (D) 175 P.S.I.
Tool Open F.F.P. From 10:00 M. to 12:00 M. 2 Hr. -- Min. From (E) 21 P.S.I. To (F) 21 P.S.I.
Tool Closed F.C.I.P. From 12:00 M. to 12:30P M. Hr. 30 Min. (G) 272 P.S.I.
Initial Hydrostatic Pressure (A) 2313 P.S.I. Final Hydrostatic Pressure (H) 2302 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Good blow throughout test. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes No _____ Recovery Total Ft. 20 feet thin mud.

Reversed Out _____ Yes No _____ Mud Type starch Viscosity 39 Weight 9.7 Water Loss _____ cc. Maximum Temp. 121 °F
Type Circ. Sub. yes Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers plug Safety Joint no Did Packer Hold? _____ Where? yes
Length Drill Pipe 3872 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 540 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 38 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 5-3-68 Test Ticket No. 7990
 Recorder No. 3086 Capacity 4500 Location 4441 Ft.
 Clock No. 6866 Elevation 1633 Kelly Bushing Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2313</u>	P.S.I.	<u>9:13 A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>21</u>	P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>21</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>175</u>	P.S.I.	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>21</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>21</u>	P.S.I.		
G Final Closed-in Pressure	<u>272</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2302</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>--</u> Min.	Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u>--</u> Min.	Breakdown: <u>24</u> Inc. of <u>5</u> mins. and a final inc. of <u>--</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>--</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>21</u>	<u>0</u>	<u>21</u>	<u>5</u>	<u>21</u>	<u>0</u>	<u>21</u>
P 2	<u>21</u>	<u>3</u>	<u>31</u>	<u>10</u>	<u>21</u>	<u>3</u>	<u>45</u>
P 3	<u>21</u>	<u>6</u>	<u>42</u>	<u>15</u>	<u>21</u>	<u>6</u>	<u>76</u>
P 4	<u>21</u>	<u>9</u>	<u>54</u>	<u>20</u>	<u>21</u>	<u>9</u>	<u>104</u>
P 5		<u>12</u>	<u>68</u>	<u>25</u>	<u>21</u>	<u>12</u>	<u>130</u>
P 6		<u>15</u>	<u>85</u>	<u>30</u>	<u>21</u>	<u>15</u>	<u>154</u>
P 7		<u>18</u>	<u>102</u>	<u>35</u>	<u>21</u>	<u>18</u>	<u>180</u>
P 8		<u>21</u>	<u>114</u>	<u>40</u>	<u>21</u>	<u>21</u>	<u>201</u>
P 9		<u>24</u>	<u>127</u>	<u>45</u>	<u>21</u>	<u>24</u>	<u>230</u>
P 10		<u>27</u>	<u>142</u>	<u>50</u>	<u>21</u>	<u>27</u>	<u>258</u>
P 11		<u>30</u>	<u>158</u>	<u>55</u>	<u>21</u>	<u>30</u>	<u>272</u>
P 12		<u>33</u>	<u>175</u>	<u>60</u>	<u>21</u>		
P 13				<u>65</u>	<u>21</u>		
P 14				<u>70</u>	<u>21</u>		
P 15				<u>75</u>	<u>21</u>		
P 16				<u>80</u>	<u>21</u>		
P 17				<u>85</u>	<u>21</u>		
P 18				<u>90</u>	<u>21</u>		
P 19				<u>95</u>	<u>21</u>		
P 20				<u>100</u>	<u>21</u>		
				<u>105</u>	<u>21</u>		
				<u>110</u>	<u>21</u>		
				<u>115</u>	<u>21</u>		
				<u>120</u>	<u>21</u>		

GRAVES DRUG CO.

T.K.T 7990

BURGESS #1

TEST #1

