



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

Company KRM Petroleum Corp. Lease & Well No. Morgan #1
 Elevation 1111 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 21273
 Date 11-21-75 Sec. 24 Twp. 31S Range 10E County Elk State Kansas
 Test Approved by J. Copeland Landes Western Representative Marwin Printz

Formation Test No. 3 O.K. Misrun Interval Tested From 2279' to 2289' Total Depth 2289'
 Size Main Hole 6 1/2 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
 Top Packer Depth 2274 Ft. Size 5 1/2 Bottom Packer Depth 2279 Ft. Size 5 1/2
 Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
 Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 10 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 2282 Ft. Clock No. 10167 Depth 2285 Ft. Clock No. 6861
 Top Make Kuster Cap. 4250 No. 1051 Inside Outside Bottom Make Kuster Cap. 4200 No. 3354 Inside Outside
 Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
 Time Set Packer 6:33 A M
 Tool Open I.F.P. From 6:35A M. to 6:50A M. - Hr. 15 Min. From (B) 11 P.S.I. To (C) 55 P.S.I.
 Tool Closed I.C.I.P. From 6:50A M. to 7:05A M. - Hr. 15 Min (D) 816 P.S.I.
 Tool Open F.F.P. From 7:05A M. to 7:35A M. - Hr. 30 Min. From (E) 103 P.S.I. To (F) 156 P.S.I.
 Tool Closed F.C.I.P. From 7:35A M. to 8:05A M. - Hr. 30 Min. (G) 814 P.S.I.
 Initial Hydrostatic Pressure (A) 1180 P.S.I. Final Hydrostatic Pressure (H) 1159 P.S.I. Maximum Temp. 110

INFORMATION

BLOW Fair blow throughout test

Did Well Flow Yes No Recovery Total Ft. 10' oil 27 degrees gravity, 350' water

Reversed Out Yes No Mud Type starch Viscosity 38 Weight 9.7 Water Loss 10.4 cc. Chlorides 800 P.P.M.
 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 Edco Inc. Length Drill Pipe 2038 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 3 1/2 IF In.
 Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 221 Ft. I.D. Drill Collars 2.2 In.
 Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 30 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 11-21-75 Test Ticket No. 21273
 Recorder No. 1051 Capacity 4250 Location 2282 Ft.
 Clock No. 10167 Elevation 1111 Kelly Bushing Well Temperature 110 °F

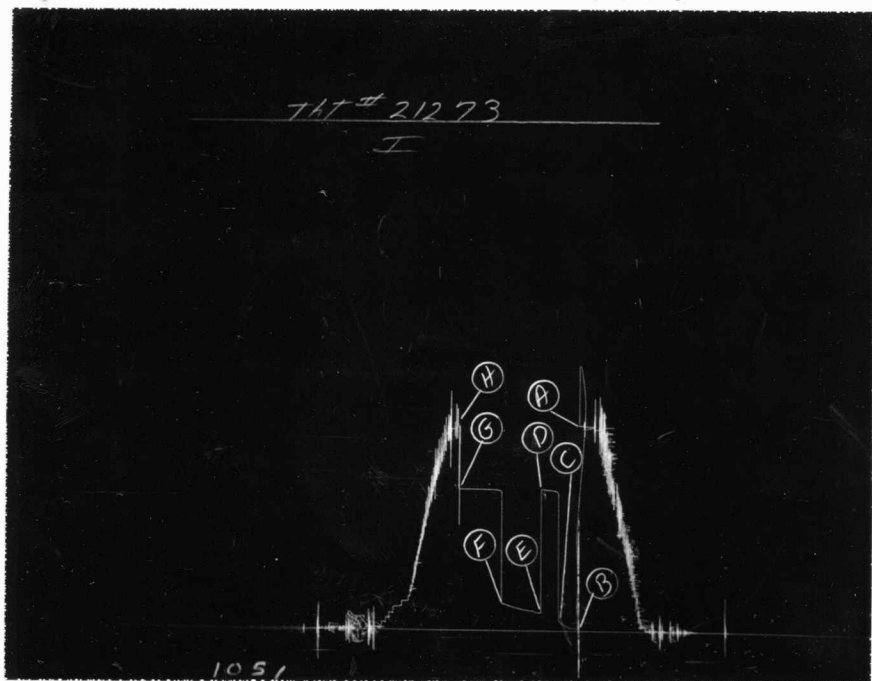
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1180</u>	P.S.I.	<u>6:33A</u>	<u>M</u>
B First Initial Flow Pressure	<u>11</u>	P.S.I.	<u>15</u>	<u>15</u> Mins.
C First Final Flow Pressure	<u>55</u>	P.S.I.	<u>15</u>	<u>15</u> Mins.
D Initial Closed-in Pressure	<u>816</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>103</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
F Second Final Flow Pressure	<u>156</u>	P.S.I.		
G Final Closed-in Pressure	<u>814</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1159</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>5</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 <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>11</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>103</u>	<u>0</u>	<u>156</u>
P 1 <u>5</u>	<u>16</u>	<u>3</u>	<u>803</u>	<u>5</u>	<u>108</u>	<u>3</u>	<u>808</u>
P 2 <u>10</u>	<u>28</u>	<u>6</u>	<u>809</u>	<u>10</u>	<u>116</u>	<u>6</u>	<u>813</u>
P 3 <u>15</u>	<u>55</u>	<u>9</u>	<u>813</u>	<u>15</u>	<u>123</u>	<u>9</u>	<u>814</u>
P 4		<u>12</u>	<u>815</u>	<u>20</u>	<u>132</u>	<u>12</u>	<u>814</u>
P 5		<u>15</u>	<u>816</u>	<u>25</u>	<u>144</u>	<u>15</u>	<u>814</u>
P 6				<u>30</u>	<u>156</u>	<u>18</u>	<u>814</u>
P 7						<u>21</u>	<u>814</u>
P 8						<u>24</u>	<u>814</u>
P 9						<u>27</u>	<u>814</u>
P10						<u>30</u>	<u>814</u>
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TAT # 21273

I



1056