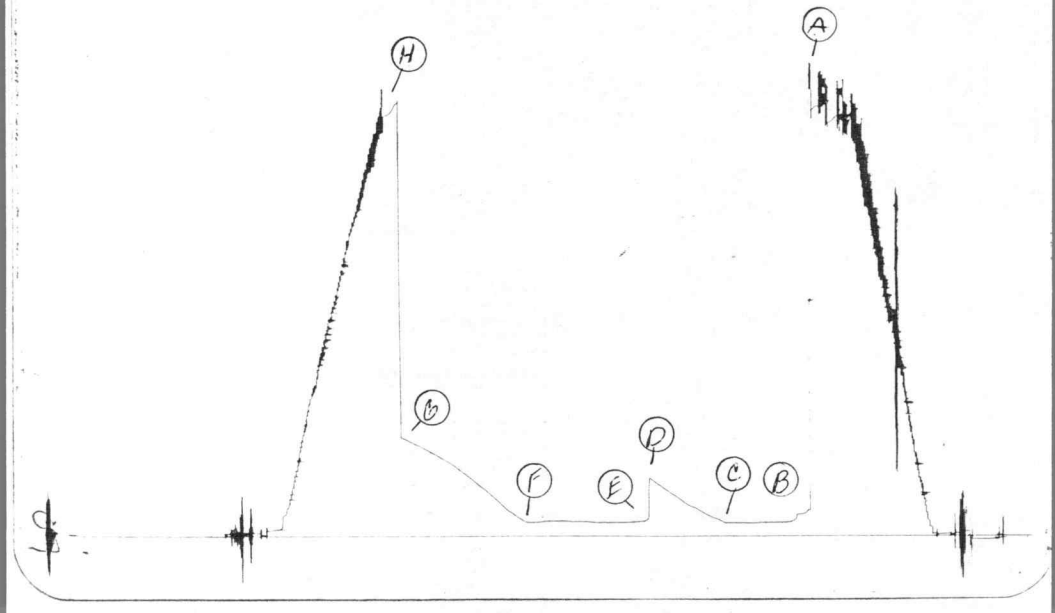


TKT #3998
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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Energies, Inc. Lease & Well No. Newby #1-15
Elevation 2062 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 3998
Date 10-25-79 Sec 15 Twp 27S Range 15 County Pratt State Kansas
Test Approved by Toby Elster Western Representative Jim Wondra
Formation Test No. 1 Interval Tested from 4450 ft. to 4499 ft. Total Depth 4499 ft.
Packer Depth 4445 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4450 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4458 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4461 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Gabbert & Jones, Rig #6 Drill Collar Length 121 I. D. 2 1/4 in.
Mud Type Starch Viscosity 44 Weight Pipe Length - I. D. - in.
Weight 9.8 Water Loss 14.4 cc. Drill Pipe Length 4308 I. D. 3.8 in.
Chlorides 34,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 49 ft. Size 5 1/2 OD in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak increased to strong on first flow period

Strong blow throughout second flow period.

Recovered 90 ft. of Drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:05 ~~A.M.~~ P.M. Time Started Off Bottom 2:05 ~~A.M.~~ P.M. Maximum Temperature 127
Initial Hydrostatic Pressure (A) 2325 P.S.I.
Initial Flow Period Minutes 60 (B) 72 P.S.I. to (C) 74 P.S.I.
Initial Closed In Period Minutes 60 (D) 318 P.S.I.
Final Flow Period Minutes 90 (E) 82 P.S.I. to (F) 79 P.S.I.
Final Closed In Period Minutes 90 (G) 544 P.S.I.
Final Hydrostatic Pressure (H) 2281 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-25-79 Test Ticket No. 3998
 Recorder No. 2607 Capacity 4150 Location 4458 Ft.
 Clock No. - Elevation 2062 Ground Level Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2325	P.S.I.	9:05 P. M.	
B First Initial Flow Pressure	72	P.S.I.	60 Mins.	60 Mins.
C First Final Flow Pressure	74	P.S.I.	60 Mins.	57 Mins.
D Initial Closed-in Pressure	318	P.S.I.	90 Mins.	90 Mins.
E Second Initial Flow Pressure	82	P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	79	P.S.I.		
G Final Closed-in Pressure	544	P.S.I.		
H Final Hydrostatic Mud	2281	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>30</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 0	72	0	74	0	82	0	78
P 2 5	118	3	75	5	79	3	95
P 3 10	93	6	87	10	78	6	108
P 4 15	76	9	95	15	76	9	127
P 5 20	74	12	104	20	76	12	143
P 6 25	74	15	114	25	76	15	161
P 7 30	74	18	129	25	76	18	182
P 8 35	74	21	144	30	76	21	203
P 9 40	74	24	157	35	76	24	222
P10 45	74	27	157	40	76	27	243
P11 50	74	30	170	45	78	30	260
P12 55	74	33	193	50	79	33	277
P13 60	74	36	212	55	81	36	298
P14		39	229	60	81	39	316
P15		42	241	65	81	42	335
P16		45	254	70	81	45	352
P17		48	269	75	81	48	364
P18		51	284	80	78	51	280
P19		54	299	85	78	54	294
P20		57	318	90	78	57	306
						60	426

WESTERN TESTING CO., INC.
Pressure Data

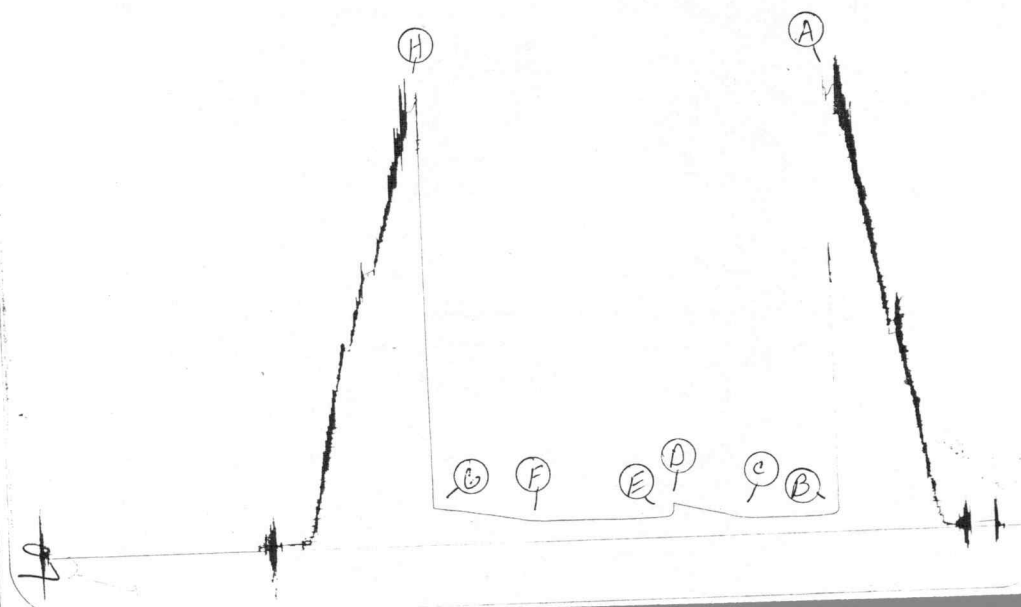
Date 10-25-79 Test Ticket No. 3998
Recorder No. 2607 Capacity 4150 Location 4458 Ft.
Clock No. - Elevation 2062 Ground Level Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2325</u> P.S.I.	Open Tool	<u>9:05 P.</u> M	
B First Initial Flow Pressure	<u>72</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>74</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>318</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>82</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>79</u> P.S.I.			
G Final Closed-in Pressure	<u>544</u> P.S.I.			
H Final Hydrostatic Mud	<u>2281</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Point	Press.	Point	Press.	Point	Press.	Point	Press.
Breakdown: <u>12</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>30</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.	
P 1						63	439
P 2						66	451
P 3						69	466
P 4						72	477
P 5						75	488
P 6						78	500
P 7						81	510
P 8						84	525
P 9						87	533
P10						90	544
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

THt #3999
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Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Texas Energies, Inc. Lease & Well No. Newby #1-15
Elevation 2062 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 3999
Date 10-26-79 Sec. 15 Twp. 27S Range 15W County Pratt State Kansas
Test Approved by Toby Elster Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4499 ft. to 4540 ft. Total Depth 4540 ft.

Packer Depth 4494 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4499 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4530 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4533 ft. Recorder Number 3351 Cap. 4000

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Gabbert-Jones, (#6) Drill Collar Length 151 I. D. 2 1/4 in.

Mud Type Starch Viscosity 44 Weight Pipe Length - I. D. - in.

Weight 9.8 Water Loss 14.4 cc. Drill Pipe Length 4327 I. D. 3.8 in.

Chlorides 34,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.

Jars: Make - Serial Number - Anchor Length 41 ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak increased to strong blow on first flow period. Strong decreased to fair blow on second flow period.

Recovered 110 ft. of slightly gas cut mud (specks of oil)

Recovered 30 ft. of slightly oil and gas cut mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks:

Time Set Packer(s) 3:25 ^{AM} P.M. Time Started Off Bottom 8:25 ^{AM} P.M. Maximum Temperature 128

Initial Hydrostatic Pressure (A) 2418 P.S.I.

Initial Flow Period Minutes 60 (B) 99 P.S.I. to (C) 91 P.S.I.

Initial Closed In Period Minutes 60 (D) 190 P.S.I.

Final Flow Period Minutes 90 (E) 120 P.S.I. to (F) 114 P.S.I.

Final Closed In Period Minutes 84 (G) 207 P.S.I.

Final Hydrostatic Pressure (H) 2359 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 10-26-79 Test Ticket No. 3999
Recorder No. 2607 Capacity 4150 Location 4530 Ft.
Clock No. - Elevation 2062 Ground Level Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2418</u> P.S.I.	Open Tool	<u>3:25P.</u> M	
B First Initial Flow Pressure	<u>99</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>91</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>190</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>120</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>84</u> Mins.
F Second Final Flow Pressure	<u>114</u> P.S.I.			
G Final Closed-in Pressure	<u>207</u> P.S.I.			
H Final Hydrostatic Mud	<u>2359</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 28 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>99</u>	<u>0</u>	<u>91</u>	<u>0</u>	<u>120</u>	<u>0</u>	<u>114</u>
P 2 <u>5</u>	<u>97</u>	<u>3</u>	<u>93</u>	<u>5</u>	<u>117</u>	<u>3</u>	<u>116</u>
P 3 <u>10</u>	<u>93</u>	<u>6</u>	<u>95</u>	<u>10</u>	<u>114</u>	<u>6</u>	<u>118</u>
P 4 <u>15</u>	<u>91</u>	<u>9</u>	<u>98</u>	<u>15</u>	<u>114</u>	<u>9</u>	<u>120</u>
P 5 <u>20</u>	<u>91</u>	<u>12</u>	<u>101</u>	<u>20</u>	<u>114</u>	<u>12</u>	<u>123</u>
P 6 <u>25</u>	<u>91</u>	<u>15</u>	<u>106</u>	<u>25</u>	<u>114</u>	<u>15</u>	<u>125</u>
P 7 <u>30</u>	<u>91</u>	<u>18</u>	<u>112</u>	<u>30</u>	<u>114</u>	<u>18</u>	<u>127</u>
P 8 <u>35</u>	<u>91</u>	<u>21</u>	<u>118</u>	<u>35</u>	<u>114</u>	<u>21</u>	<u>131</u>
P 9 <u>40</u>	<u>91</u>	<u>24</u>	<u>125</u>	<u>40</u>	<u>114</u>	<u>24</u>	<u>135</u>
P10 <u>45</u>	<u>91</u>	<u>27</u>	<u>129</u>	<u>45</u>	<u>114</u>	<u>27</u>	<u>140</u>
P11 <u>50</u>	<u>91</u>	<u>30</u>	<u>135</u>	<u>50</u>	<u>114</u>	<u>30</u>	<u>144</u>
P12 <u>55</u>	<u>91</u>	<u>33</u>	<u>140</u>	<u>55</u>	<u>114</u>	<u>33</u>	<u>152</u>
P13 <u>60</u>	<u>91</u>	<u>36</u>	<u>144</u>	<u>60</u>	<u>114</u>	<u>36</u>	<u>157</u>
P14		<u>39</u>	<u>151</u>	<u>70</u>	<u>114</u>	<u>39</u>	<u>161</u>
P15		<u>42</u>	<u>157</u>	<u>75</u>	<u>114</u>	<u>42</u>	<u>165</u>
P16		<u>45</u>	<u>161</u>	<u>80</u>	<u>114</u>	<u>45</u>	<u>168</u>
P17		<u>48</u>	<u>167</u>	<u>85</u>	<u>114</u>	<u>48</u>	<u>171</u>
P18		<u>51</u>	<u>171</u>	<u>90</u>	<u>114</u>	<u>51</u>	<u>173</u>
P19		<u>54</u>	<u>176</u>			<u>54</u>	<u>176</u>
P20		<u>57</u>	<u>182</u>			<u>57</u>	<u>180</u>
WTC - 4		<u>60</u>	<u>190</u>			<u>60</u>	<u>184</u>

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WESTERN TESTING CO., INC.

Pressure Data

Date 10-26-79 Test Ticket No. 3999
 Recorder No. 2607 Capacity 4150 Location 4530 Ft.
 Clock No. - Elevation 2062 Ground Level Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2418</u>	P.S.I.	<u>3:25P.</u>	<u>M</u>
B First Initial Flow Pressure	<u>99</u>	P.S.I.	<u>60</u>	<u>60</u>
C First Final Flow Pressure	<u>91</u>	P.S.I.	<u>60</u>	<u>60</u>
D Initial Closed-in Pressure	<u>190</u>	P.S.I.	<u>90</u>	<u>90</u>
E Second Initial Flow Pressure	<u>120</u>	P.S.I.	<u>90</u>	<u>84</u>
F Second Final Flow Pressure	<u>114</u>	P.S.I.		
G Final Closed-in Pressure	<u>207</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2359</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>28</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>63</u>	<u>188</u>
P 2						<u>66</u>	<u>190</u>
P 3						<u>69</u>	<u>193</u>
P 4						<u>72</u>	<u>195</u>
P 5						<u>75</u>	<u>197</u>
P 6						<u>78</u>	<u>201</u>
P 7						<u>81</u>	<u>205</u>
P 8						<u>84</u>	<u>207</u>
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							