

Company Texas Oil & Gas Corp. Lease & Well No. Gress #1
Elevation 1562 Ground Level Formation Douglas Sand Effective Pay - Ft. Ticket No. 1717
Date 7-5-79 Sec. 28 Twp. 31S Range 12W County Barber State Kansas
Test Approved by K.W. Dahlberg Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 2571 ft. to 2625 ft. Total Depth 2625 ft.

Packer Depth 2566 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2571 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2575 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 2578 ft. Recorder Number 2606 Cap. 4150

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

Drilling Contractor H-30 Drlg. Inc. (#3) Drill Collar Length 240 I. D. 2 1/4 in.

Mud Type Premix Viscosity 33 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss - cc. Drill Pipe Length 2301 I. D. 3.8 in.

Chlorides 102,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.

Jars: Make W.T.C. Serial Number 408 Anchor Length 54 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: Strong blow on initial flow period in 5 minutes. Strong blow on final flow period.

Gas to surface in 3 minutes, see attached sheet for gas measurements.

Recovered 300 ft. of water cut mud (Chlorides: Top: 89,000 PPM

Recovered - ft. of Middle: 97,000 PPM

Recovered - ft. of Bottom: 100,000 PPM)

Recovered - ft. of

Recovered - ft. of

Remarks: Slid tool 10' to bottom, tight for 25'. Stopped on way to bottom to get rain water off pits.

Time Set Packer(s) 9:00 ~~A.M.~~ P.M. Time Started Off Bottom 12:45 ~~P.M.~~ A.M. Maximum Temperature 103

Initial Hydrostatic Pressure (A) 1374 P.S.I.

Initial Flow Period Minutes 30 (B) 124 P.S.I. to (C) 107 P.S.I.

Initial Closed In Period Minutes 60 (D) 1106 P.S.I.

Final Flow Period Minutes 45 (E) 109 P.S.I. to (F) 89 P.S.I.

Final Closed In Period Minutes 90 (G) 1100 P.S.I.

Final Hydrostatic Pressure (H) 1276 P.S.I.

Phone 316 262-5861
316 838-0601



P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 7-5-79 Ticket 1717 Company Texas Oil & Gas Corp.
Well Name and No. Gress #1 Dst No. 2 Interval Tested 2571' - 2625'
County Barber State Kansas Sec. 28 Twp. 31S Rg. 12W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
9:30P.M.						Tool opened, strong blow, no gas to surface

SECOND FLOW						
10:30 P.M.						Tool opened
10:33PM	3 min.					Gas to surface
10:43PM	10 min.	16" of water	3/4" orifice			56,800 C.F.P.D.
10:53PM	20 min.	20" of water	3/4" orifice			63,500 C.F.P.D.
11:03PM	30 min.	30" of water	3/4" orifice			77,800 C.F.P.D.
11:13PM	40 min.	40" of water	3/4" orifice			89,800 C.F.P.D.
11:18PM	45 min.	40" of water	3/4" orifice			89,800 C.F.P.D.

GAS BOTTLE

Serial No. 634 Date Bottle Filled 7-5-79 Date to be Invoiced 7-5-79

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Texas Oil & Gas Corp.

Authorized by K.W. Dahlberg

WESTERN TESTING CO., INC.

Pressure Data

Date 7-5-79 Recorder No. 2604 Capacity 4150 Location 2575 Ft.
 Clock No. - Elevation 1562 Ground Level Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1374	P.S.I.	9:00 P.	M
B First Initial Flow Pressure	124	P.S.I.	30	Mins.
C First Final Flow Pressure	107	P.S.I.	60	Mins.
D Initial Closed-in Pressure	1106	P.S.I.	45	Mins.
E Second Initial Flow Pressure	109	P.S.I.	90	Mins.
F Second Final Flow Pressure	89	P.S.I.		
G Final Closed-in Pressure	1100	P.S.I.		
H Final Hydrostatic Mud	1276	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</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 <u>0</u>	<u>124</u>	<u>0</u>	<u>107</u>	<u>0</u>	<u>109</u>	<u>0</u>	<u>89</u>
P 2 <u>5</u>	<u>121</u>	<u>3</u>	<u>303</u>	<u>5</u>	<u>109</u>	<u>3</u>	<u>267</u>
P 3 <u>10</u>	<u>115</u>	<u>6</u>	<u>611</u>	<u>10</u>	<u>102</u>	<u>6</u>	<u>853</u>
P 4 <u>15</u>	<u>111</u>	<u>9</u>	<u>836</u>	<u>15</u>	<u>100</u>	<u>9</u>	<u>1000</u>
P 5 <u>20</u>	<u>109</u>	<u>12</u>	<u>969</u>	<u>20</u>	<u>94</u>	<u>12</u>	<u>1038</u>
P 6 <u>25</u>	<u>108</u>	<u>15</u>	<u>1033</u>	<u>25</u>	<u>92</u>	<u>15</u>	<u>1056</u>
P 7 <u>30</u>	<u>107</u>	<u>18</u>	<u>1061</u>	<u>30</u>	<u>89</u>	<u>18</u>	<u>1067</u>
P 8		<u>21</u>	<u>1073</u>	<u>35</u>	<u>89</u>	<u>21</u>	<u>1073</u>
P 9		<u>24</u>	<u>1079</u>	<u>40</u>	<u>89</u>	<u>24</u>	<u>1077</u>
P10		<u>27</u>	<u>1086</u>	<u>45</u>	<u>89</u>	<u>27</u>	<u>1082</u>
P11		<u>30</u>	<u>1088</u>			<u>30</u>	<u>1084</u>
P12		<u>33</u>	<u>1090</u>			<u>33</u>	<u>1086</u>
P13		<u>36</u>	<u>1092</u>			<u>36</u>	<u>1088</u>
P14		<u>39</u>	<u>1094</u>			<u>39</u>	<u>1090</u>
P15		<u>42</u>	<u>1096</u>			<u>42</u>	<u>1092</u>
P16		<u>45</u>	<u>1098</u>			<u>45</u>	<u>1094</u>
P17		<u>48</u>	<u>1100</u>			<u>48</u>	<u>1096</u>
P18		<u>51</u>	<u>1102</u>			<u>51</u>	<u>1096</u>
P19		<u>54</u>	<u>1104</u>			<u>54</u>	<u>1096</u>
P20		<u>57</u>	<u>1105</u>			<u>57</u>	<u>1096</u>
		<u>60</u>	<u>1106</u>			<u>60</u>	<u>1096</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 7-5-79 Test Ticket No. 1717
 Recorder No. 2604 Capacity 4150 Location 2575 Ft.
 Clock No. - Elevation 1562 Ground Level Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1374</u>	P.S.I.	9:00 P.	M
B First Initial Flow Pressure	<u>124</u>	P.S.I.	30	Mins.
C First Final Flow Pressure	<u>107</u>	P.S.I.	60	Mins.
D Initial Closed-in Pressure	<u>1106</u>	P.S.I.	45	Mins.
E Second Initial Flow Pressure	<u>109</u>	P.S.I.	90	Mins.
F Second Final Flow Pressure	<u>89</u>	P.S.I.		
G Final Closed-in Pressure	<u>1100</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1276</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</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						63	1096
P 2						66	1096
P 3						69	1096
P 4						72	1096
P 5						75	1096
P 6						78	1098
P 7						81	1098
P 8						84	1099
P 9						87	1100
P10						90	1100
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2604

DST#2

TKT # 1717
I

(H)

(G)

(D)

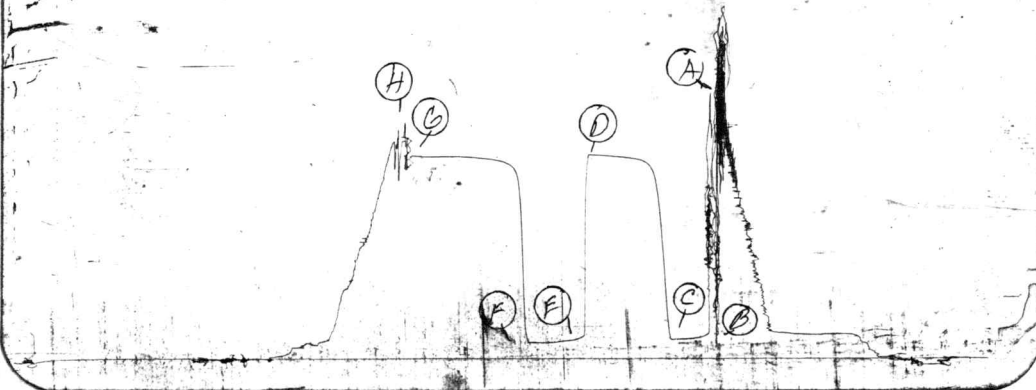
(A)

(F)

(E)

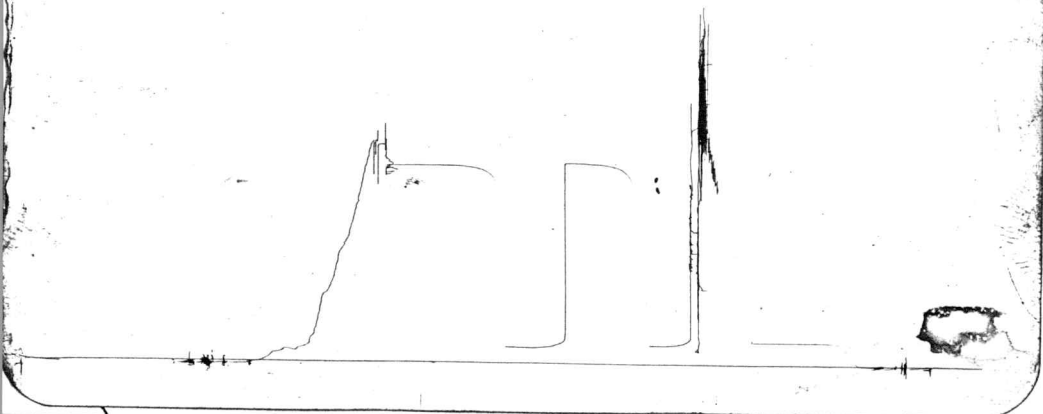
(C)

(B)



2606 DST#2

TKT#1712
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Company Texas Oil & Gas Corporation Lease & Well No. Gress #1
 Elevation 1562 Ground Level Formation Douglas Sand Effective Pay -- Ft. Ticket No. 1716
 Date 7/5/79 Sec. 28 Twp. 31S Range 12W County Barber State Kansas
 Test Approved by K. W. Dahlberg Western Representative Rod Tritt
 Formation Test No. 1 Interval Tested from 2552 ft. to 2625 ft. Total Depth 2625 ft.
 Packer Depth 2547 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2552 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 2557 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 2560 ft. Recorder Number 2606 Cap. 4150
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor H-30, Inc. Rig # 3 Drill Collar Length 215 I. D. 2 1/4 in.
 Mud Type premix Viscosity 36 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss - cc. Drill Pipe Length - I. D. - in.
 Chlorides - P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 408 Anchor Length 73 ft. Size 3 1/4 DC42' -- 5 1/2 in.
 Did Well Flow? Mp 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: Strong blow increasing on final 15 minutes on initial flow. Packer seat failure.

Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Remarks: MISRUN PACKER SEAT FAILURE

Time Set Packer(s) 8:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom - ~~P.M.~~ ^{A.M.} Maximum Temperature -
 Initial Hydrostatic Pressure (A) 1297 P.S.I.
 Initial Flow Period 30 Minutes (B) 144 P.S.I. to (C) 466 P.S.I.
 Initial Closed In Period 60 Minutes (D) 1084 P.S.I.
 Final Flow Period 5 Minutes (E) 542 P.S.I. to (F) 728 P.S.I.
 Final Closed In Period 45 Minutes (G) 1236 P.S.I.
 Final Hydrostatic Pressure (H) 1255 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7-5-79 Recorder No. 2604 Capacity 4150 Test Ticket No. 1716
 Clock No. - Elevation 1562 Ground Level Location 2557 Ft. Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1297	P.S.I.	8:00A.	M
B First Initial Flow Pressure	144	P.S.I.	30	Mins.
C First Final Flow Pressure	466	P.S.I.	60	Mins.
D Initial Closed-in Pressure	1084	P.S.I.	5	Mins.
E Second Initial Flow Pressure	542	P.S.I.	45	Mins.
F Second Final Flow Pressure	728	P.S.I.		
G Final Closed-in Pressure	1236	P.S.I.		
H Final Hydrostatic Mud	1255	P.S.I.		
			Open Tool	
			First Flow Pressure	
			Initial Closed-in Pressure	
			Second Flow Pressure	
			Final Closed-in Pressure	

PRESSURE BREAKDOWN

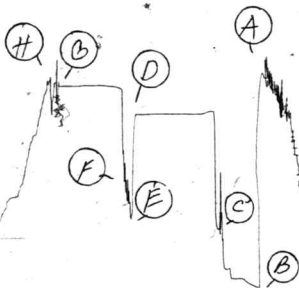
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>1</u> Inc.		Breakdown: <u>5</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> 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>144</u>	<u>0</u>	<u>466</u>	<u>0</u>	<u>542</u>	<u>0</u>	<u>728</u>
P 2 <u>5</u>	<u>160</u>	<u>3</u>	<u>1098</u>	<u>5</u>	<u>728</u>	<u>3</u>	<u>1230</u>
P 3 <u>10</u>	<u>183</u>	<u>6</u>	<u>1096</u>			<u>6</u>	<u>1233</u>
P 4 <u>15</u>	<u>194</u>	<u>9</u>	<u>1084</u>			<u>9</u>	<u>1236</u>
P 5 <u>20</u>	<u>194</u>	<u>12</u>	<u>1084</u>			<u>12</u>	<u>1239</u>
P 6 <u>25</u>	<u>247</u>	<u>15</u>	<u>1084</u>			<u>15</u>	<u>1242</u>
P 7 <u>30</u>	<u>466</u>	<u>18</u>	<u>1084</u>			<u>18</u>	<u>1242</u>
P 8		<u>21</u>	<u>1084</u>			<u>21</u>	<u>1242</u>
P 9		<u>24</u>	<u>1084</u>			<u>24</u>	<u>1242</u>
P10		<u>27</u>	<u>1084</u>			<u>27</u>	<u>1242</u>
P11		<u>30</u>	<u>1084</u>			<u>30</u>	<u>1242</u>
P12		<u>33</u>	<u>1084</u>			<u>33</u>	<u>1242</u>
P13		<u>36</u>	<u>1084</u>			<u>36</u>	<u>1236</u>
P14		<u>39</u>	<u>1084</u>			<u>39</u>	<u>1236</u>
P15		<u>42</u>	<u>1084</u>			<u>42</u>	<u>1236</u>
P16		<u>45</u>	<u>1084</u>			<u>45</u>	<u>1236</u>
P17		<u>48</u>	<u>1084</u>				
P18		<u>51</u>	<u>1084</u>				
P19		<u>54</u>	<u>1084</u>				
P20		<u>57</u>	<u>1084</u>				
		<u>60</u>	<u>1084</u>				

2604

DST #1

Wt #1716

1



2602

DST#1

TR#1716

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