WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Company Texas Oil & Gas Corporation Lease & Well No. Box Ranch "A"#1

Elevation 1849 Kelly Bushings Formation Morrow Sand Effective Pay -- Ft. Ticket No. 595

Date 10/16/78 Sec. 9 Twp. 35S Range 20W County Commanche State Kansas

Test Approved by Calvin Bayless Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 5601 ft. to 5674 ft. Total Depth 5674 ft.

Packer Depth 5596 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 5601 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 5587 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 5607 ft. Recorder Number 2606 Cap. 4150

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

Drilling Contractor Xplor Drilling Drill Collar Length 228 I. D. 2¼ in.

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

Weight 9.1 Water Loss 16.4 cc. Drill Pipe Length 5372 I. D. 3.8 in.

Chlorides 21,000 P.P.M. Test Tool Size 5½OD in. Tool Joint Size 4½FH in.

Jars: Make WTC Serial Number 408 Anchor Length 73 ft. Size 5½OD -Drill Collar 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.

Blow: Strong blow throughout test.

Recovered 228 ft. of drilling mud ; gas cut

Recovered ft. of Chlorides Top: 18,000

Recovered ft. of Middle : 18,000

Recovered ft. of Bottom : 15,000

Recovered ft. of

Remarks: Slid tool 10 feet after tool opened. Clock stopped on chart 2606.

Time Set Packer(s) 6:40 A.M. ~~P.M.~~ Time Started Off Bottom 10:25 A.M. ~~P.M.~~ Maximum Temperature 134

Initial Hydrostatic Pressure			(A)	2788	P.S.I.	
Initial Flow Period	Minutes 30	(B)	185	P.S.I. to (C)	140	P.S.I.
Initial Closed In Period	Minutes 60	(D)	1924	P.S.I.		
Final Flow Period	Minutes 45	(E)	191	P.S.I. to (F)	111	P.S.I.
Final Closed In Period	Minutes 90	(G)	1752	P.S.I.		
Final Hydrostatic Pressure			(H)	2728	P.S.I.	

WESTERN TESTERS

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

GAS FLOW REPORT

Date 10/16/78 Ticket 595 Company Texas Oil & Gas Corporation

Well Name and No. Box Ranch "A"#1 Dst No. 1 Interval Tested 5601'-5674'

County Comanche State Kansas Sec. 9 Twp. 35S Rg. 20W

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
6:40 AM				**PRE FLOW**		Tool open
6:47AM						Gas to surface
6:50AM	10 min.	50" of water 1 1/2"		orifice		493,000 CFPD
7:00AM	20 min.	66" of water 1 1/2"		orifice		565,000 CFPD
7:10 A,	30 min.	72" of water 1 1/2"		orifice		600,000 CFPD
8:20				**SECOND FLOW**		Tool open
	10 min.	3.5# of water 1 1/2"		orifice		709,000 CFPD
	20 min.	3.5# of water 1 1/2"		orifice		709,000 CFPD
	30 min.	3.0# of water 1 1/2"		orifice		654,000 CFPD
	40 min.	3.0# of water 1 1/2"		orifice		654,000 CFPD
	45 min.	2.5# of water 1 1/2"		orifice		595,000 CFPD

GAS BOTTLE

Serial No. -- Date Bottle Filled -- Date to be Invoiced 10/16/78

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 Corporation

Authorized by Calvin Bayless

WESTERN TESTING CO., INC.
Pressure Data

Date 10/16/78 Test Ticket No. 595

Recorder No. 2604 Capacity 4150 Location 5587 Ft.

Clock No. -- Elevation 1849 Kelly Bushing Well Temperature 134 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2788	P.S.I.
B	First Initial Flow Pressure	185	P.S.I.
C	First Final Flow Pressure	140	P.S.I.
D	Initial Closed-in Pressure	1924	P.S.I.
E	Second Initial Flow Pressure	191	P.S.I.
F	Second Final Flow Pressure	111	P.S.I.
G	Final Closed-in Pressure	1752	P.S.I.
H	Final Hydrostatic Mud	2728	P.S.I.

	Time Given		Time Computed	
Open Tool	6:40A	M		
First Flow Pressure	30	Mins.	25	Mins.
Initial Closed-in Pressure	60	Mins.	60	Mins.
Second Flow Pressure	45	Mins.	40	Mins.
Final Closed-in Pressure	90	Mins.	90	Mins.

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	185
P 2	5	149
P 3	10	145
P 4	15	143
P 5	20	141
P 6	25	140
P 7		
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point Minutes	Press.
0	140
3	318
6	1036
9	1590
12	1758
15	1811
18	1832
21	1849
24	1859
27	1870
30	1880
33	1889
36	1894
39	1901
42	1907
45	1911
48	1916
51	1918
54	1922
57	1918
60	1924

Second Flow Pressure
Breakdown: 8 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	191
5	146
10	134
15	127
20	121
25	117
30	116
35	113
40	111

Final Shut-In
Breakdown: 30 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	111
3	217
6	888
9	1299
12	1483
15	1552
18	1584
21	1603
24	1619
27	1634
30	1645
33	1655
36	1663
39	1672
42	1681
45	1689
48	1695
51	1702
54	1706
57	1712
60	1716

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WESTERN TESTING CO., INC.

Pressure Data

Date 10/16/78 Test Ticket No. 595

Recorder No. 2604 Capacity 4150 Location 5587

Clock No. -- Elevation 1849 Kelly Bushing Well Temperature 134

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2788	P.S.I.	Open Tool	6:40A	M		
B	First Initial Flow Pressure	185	P.S.I.	First Flow Pressure	30	Mins.	25	Min
C	First Final Flow Pressure	140	P.S.I.	Initial Closed-in Pressure	60	Mins.	60	Min
D	Initial Closed-in Pressure	1924	P.S.I.	Second Flow Pressure	45	Mins.	40	Min
E	Second Initial Flow Pressure	191	P.S.I.	Final Closed-in Pressure	90	Mins.	90	Min
F	Second Final Flow Pressure	111	P.S.I.					
G	Final Closed-in Pressure	1752	P.S.I.					
H	Final Hydrostatic Mud	2728	P.S.I.					

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 5 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: 8 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 30 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						63	1722
P 2						66	1727
P 3						69	1731
P 4						72	1735
P 5						75	1737
P 6						78	1739
P 7						81	1743
P 8						84	1746
P 9						87	1750
P10						90	1752
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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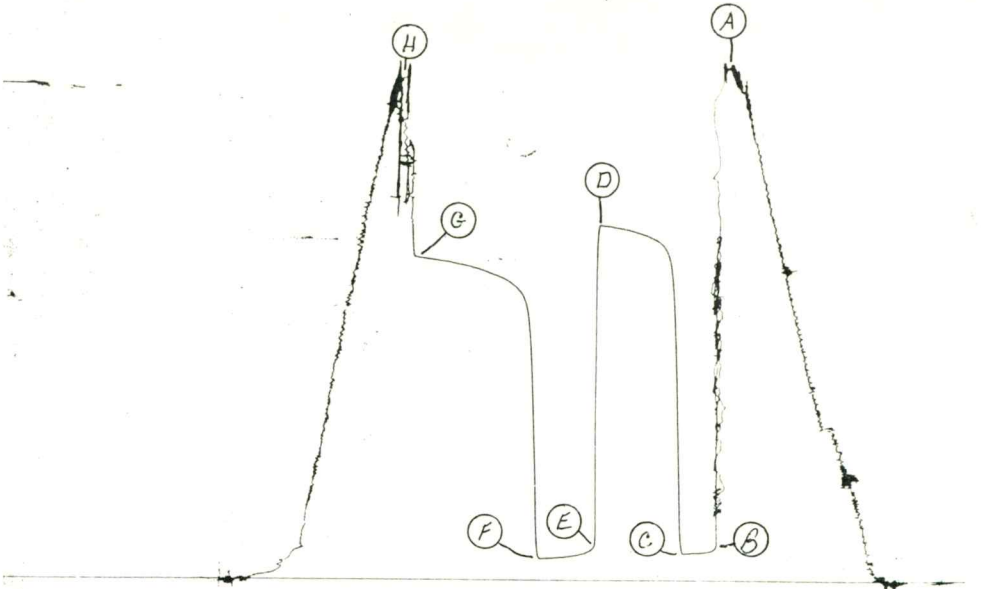

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WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Company Texas Oil & Gas Corporation Lease & Well No. Box Ranch "A"#1

Elevation -- Formation -- Effective Pay -- Ft. Ticket No. 1111

Date 10/18/78 Sec. 9 Twp. 35S Range 20W County Commanche State Kansas

Test Approved by Calvin Bayless Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 5576' ft. to 5672' ft. Total Depth 5780' ft.

T Packer Depth 5576 ft. Size 6 3/4 in. T Packer Depth 5571 ft. Size 6 3/4 in.

B Packer Depth 5672 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set 5745

Top Recorder Depth (Inside) 5554 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 5656 ft. Recorder Number 3351 Cap. 4000

Below Straddle Recorder Depth 5780 ft. Recorder Number - Cap. -

Drilling Contractor Explor Rig #1 Drill Collar Length 181 I. D. 2¼ in.

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

Weight 9.1 Water Loss 16.4 cc. Drill Pipe Length 5440 I. D. 3.8 in.

Chlorides 20,000 P.P.M. Test Tool Size 5½OD in. Tool Joint Size 4½FH in.

Jars: Make WTC Serial Number 408 Anchor Length 113 ft. Size 5½OD 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. Test tool length 46'

Blow: Strong to fair blow on first opening. Fair to strong blow on second opening.

Recovered 760 ft. of gassy mud Top : 24,000 chlorides PPM

Recovered ft. of Middle : 24,000 chlorides PPM

Recovered ft. of Bottom : 32,000 chlorides PPM

Recovered ft. of

Recovered ft. of

Remarks: MISRUN

Time Set Packer(s) 6:30 A.M. ~~P.M.~~ Time Started Off Bottom 11:45 A.M. ~~P.M.~~ Maximum Temperature 128

Initial Hydrostatic Pressure ..... (A) 3025 P.S.I.

Initial Flow Period ..... Minutes 20 (B) 243 P.S.I. to (C) 243 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 2563 P.S.I.

Final Flow Period ..... Minutes 60 (E) 500 P.S.I. to (F) 447 P.S.I.

Final Closed In Period ..... Minutes 180 (G) 1952 P.S.I.

Final Hydrostatic Pressure ..... (H) 2674 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 10/18/78 Test Ticket No. 1111

Recorder No. 2607 Capacity 4150 Location 5554 Ft

Clock No. -- Elevation -- Well Temperature 128 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	3025	P.S.I.	Open Tool	6:30A M	
B	First Initial Flow Pressure	243	P.S.I.	First Flow Pressure	20 Mins.	20 Mins
C	First Final Flow Pressure	243	P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mins
D	Initial Closed-in Pressure	2563	P.S.I.	Second Flow Pressure	60 Mins.	60 Mins
E	Second Initial Flow Pressure	500	P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mins
F	Second Final Flow Pressure	447	P.S.I.			
G	Final Closed-in Pressure	1952	P.S.I.			
H	Final Hydrostatic Mud	2674	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.		Press.
P 1	0	Plugging action 243
P 2	5	Plugging action 243
P 3	10	Plugging action 243
P 4	15	Plugging action 243
P 5	20	Plugging action 243
P 6		
P 7		
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 21 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	243
3	1878
6	2802
9	2811
12	2813
15	2815
18	2817
21	2817
24	2817
27	2817
30	2811
33	2807
36	2811
39	2805
42	2777
45	2744
48	2706
51	2676
54	6239
57	2605
60	2584
63	2563

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

Point Minutes	Press.
0	Plugging action 500
5	Plugging action 500
10	Plugging action 500
15	Plugging action 500
20	Plugging action 500
25	Plugging action 500
30	Plugging action 500
35	Plugging action 500
40	Plugging action 500
45	Plugging action 500
50	Plugging action 500
55	Plugging action 500
60	Plugging action 500

Final Shut-In
Breakdown: 40 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	447
3	631
6	777
9	946
12	1084
15	1194
18	1288
21	1393
24	1553
27	1645
30	1702
33	1748
36	1784
39	1813
42	1838
45	1863
48	1876
51	1889
54	1895
57	1903
60	1010

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WESTERN TESTING CO., INC.
Pressure Data

Date 10/18/78 Test Ticket No. 1111

Recorder No. 2607 Capacity 4150 Location 5554

Clock No. -- Elevation -- Well Temperature 128

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	3025	P.S.I.	Open Tool	6:30A M	
B	First Initial Flow Pressure	243	P.S.I.	First Flow Pressure	20 Mins.	20 Mi
C	First Final Flow Pressure	243	P.S.I.	Initial Closed-in Pressure	60 Mins.	63 Mi
D	Initial Closed-in Pressure	2563	P.S.I.	Second Flow Pressure	60 Mins.	60 Mi
E	Second Initial Flow Pressure	500	P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mi
F	Second Final Flow Pressure	447	P.S.I.			
G	Final Closed-in Pressure	1952	P.S.I.			
H	Final Hydrostatic Mud	2674	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 Inc.
of 5 mins. and a
final inc. of 0 Min.

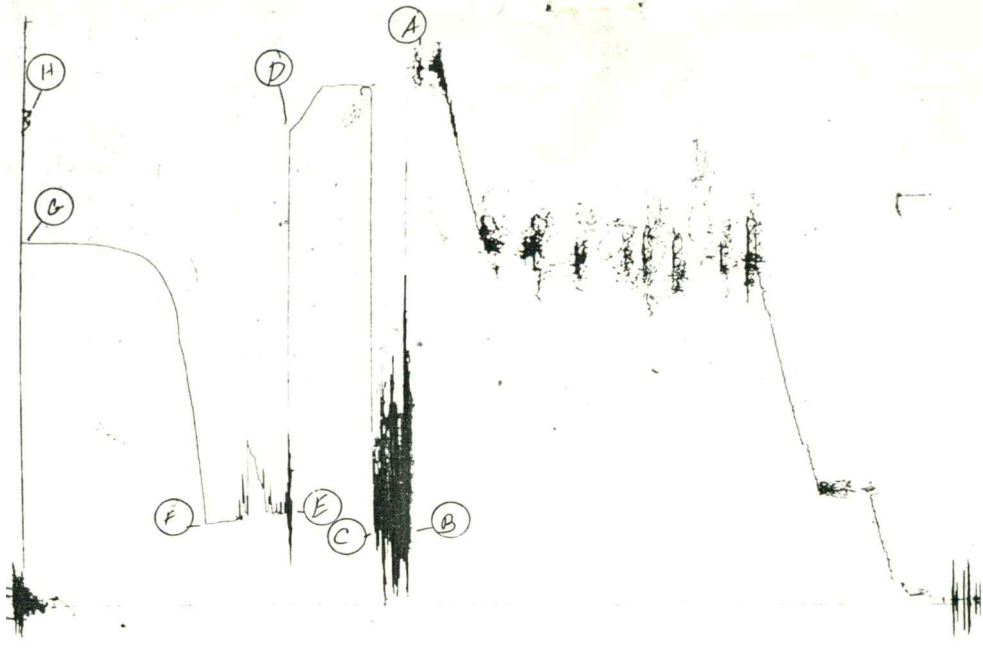
Initial Shut-In
Breakdown: 21 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 40 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						63	1914
P 2						66	1918
P 3						69	1926
P 4						72	1931
P 5						75	1935
P 6						78	1939
P 7						81	1943
P 8						84	1945
P 9						87	1947
P10						90	1947
P11						93	1947
P12						96	1947
P13						99	1947
P14						102	1947
P15						105	1947
P16						108	1947
P17						111	1947
P18						114	1947
P19						117	1950
P20						120	1952

WTC - 4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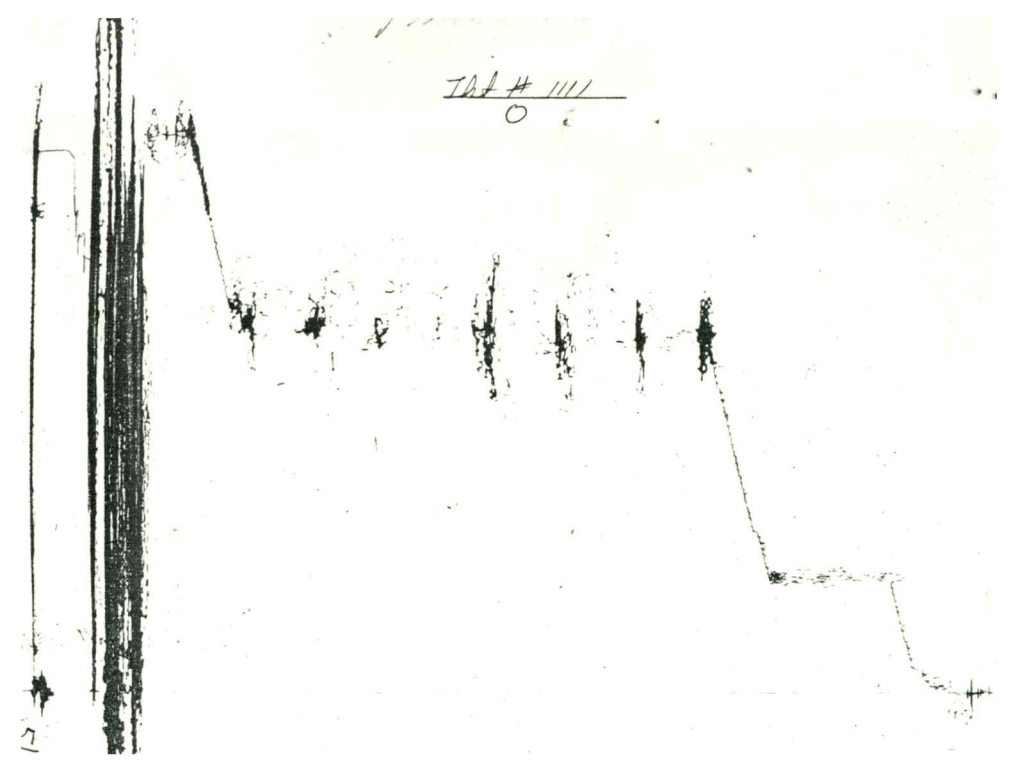
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D. Braddle