TO: Texas Oil & Gas Corp.
200 W. Douglas
Wichita, Kansas 67202

FROM: Western Testing Co., Inc.
PO Box 1599
Wichita, Kansas 67202

DATE: July 13, 1979

SUBJECT: Copies of drill stem test mailed to interest owners

DRILL STEM TEST NUMBER: #1

WELL NAME AND NUMBER: Edwards "E"

COUNTY: Sumner County, Kansas

COPIES MAILED TO:

Texas Oil & Gas Corporation
2700 Fidelity Union Tower
Dallas, Texas 75201
(One copy)

Texas Oil & Gas Corporation
200 West Douglas, Suite 300
Wichita, Kansas 67202
(Four copies)

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 3209

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation 1249 G.L. Formation Wabaunsee Eff. Pay ? Ft.

District Augusta Date 7/13/79 Customer Order No.

COMPANY NAME Texas Oil and Gas Co.

ADDRESS

LEASE AND WELL NO. Edwards E #1 COUNTY Sumner STATE Kansas Sec. 7 Twp. 32S Rge. 3W

Mail Invoice To Same No. Copies Requested 1
Co. Name Address

Mail Charts To Same No. Copies Requested 5
Address

Formation Test No. #1 Interval Tested from 1580 ft. to 1695 ft. Total Depth 1695 ft.

Packer Depth 1525 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 1580 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 1600 ft. Recorder Number 1558 Cap. 4200

Bottom Recorder Depth (Outside) 1603 ft. Recorder Number 1559 Cap. 4200

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

Drilling Contractor DWB Drlg. Co. Drill Collar Length I. D. in.

Mud Type Chem Viscosity 34 Weight Pipe Length I. D. in.

Weight 9.9 Water Loss 30.8 cc. Drill Pipe Length I. D. in.

Chlorides 88,000 P.P.M. Test Tool Length ft. Tool Size in.

Jars: Make Western Serial Number 410 Anchor Length 115 ft. Size in.

Did Well Flow? Yes Reversed Out — Surface Choke Size 1" in. Bottom Choke Size 3/4 in.

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

Blow: Strong Blow Gas to Surface 5 min. 5 Table ct.
526,000 MCF Per Day.

Recovered ft. No Recover Due To Blow Out

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:30 A.M. P.M. Time Started Off Bottom 8:15 A.M. P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure		(A)	797	P.S.I.		
Initial Flow Period	Minutes 30	(B)	246	P.S.I. to (C)	179	P.S.I.
Initial Closed In Period	Minutes 60	(D)	787	P.S.I.		
Final Flow Period	Minutes 45	(E)	243	P.S.I. to (F)	148	P.S.I.
Final Closed In Period	Minutes 90	(G)	787	P.S.I.		
Final Hydrostatic Pressure		(H)	766	P.S.I.		

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By T W Dahlberg
Signature of Customer or his authorized representative

Western Representative James Rogers

FIELD INVOICE

Open Hole Test	$ 440.00
Misrun	$
Straddle Test	$
Jars	$ 250.00
Selective Zone	$
Safety Joint	$ 35.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 725.00

Phone 316 838-0601

WESTERN TESTERS

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

No. 1322

Date 7/13/79 Ticket 3209 Company Texas Oil & Gas Co.

Well Name and No. Edwards E-1 Dst No. #1 Interval Tested 1580' to 1695

County Sumner State Kansas Sec. 7 Twp. 32S Rg. 3W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
Open Tool. At 4:30 AM. Gas To surface 5 min.					**PRE FLOW**
4:40 10 Min	14 Lb	1"			577,000 MCF/Per Day
4:50 20 Min	8 Lb	1"			415.000 MCF/Per Day.
5:00 30 Min	10 Lb	1"			472.000 MCF/Per Day
Close Tool At 5 PM.					
Open Tool At. 6:00 Am.					**SECOND FLOW**
:40 40 Min	14 Lb	1"			577.000 MCF/Per Day.
:50 50 Min	12 Lb	1"			526.000 MCF/Per Day
:00 60 Min	12 Lb	1"			526.000 MCF/Per Day
:10 70 Min	12 Lb	1"			526.000 MCF/Per Day.
:15 75 Min	12 Lb	1"			526.000 MCF/Per Day

GAS BOTTLE

Serial No. 622 Date Bottle Filled 7/13/79 Date to be Invoiced 8-13-79

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 Tue Dahlberg

FORM WTC 9

WESTERN TESTING CO., INC.
Pressure Data

Date 1-13-79 Test Ticket No. 3809

Recorder No. 1558 Capacity 4200 Location 1600 Ft.

Clock No. Elevation 1299 GL Well Temperature 102 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	785	P.S.I.	Open Tool	430 A M	
B	First Initial Flow Pressure	284	P.S.I.	First Flow Pressure	30 Mins.	22 Mins.
C	First Final Flow Pressure	165	P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	777	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	236	P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	131	P.S.I.			
G	Final Closed-in Pressure	770	P.S.I.			
H	Final Hydrostatic Mud	749	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: 9 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.	Minutes	Press.	Minutes	Press.	Minutes	Press.
P 1	0	234	0	165	0	236	0	131
P 2	5	209	3	416	5	192	3	369
P 3	10	175	6	660	10	165	6	656
P 4	15	167	9	729	15	154	9	718
P 5	20	166	12	750	20	148	12	739
P 6	25	165	15	758	25	143	15	752
P 7	30		18	764	30	139	18	758
P 8	35		21	768	35	137	21	762
P 9	40		24	773	40	132	24	766
P10	45		27	777	45	131	27	768
P11	50		30	779	50		30	768
P12	55		33	780	55		33	769
P13	60		36	781	60		36	768
P14			39	782	65		39	768
P15			42	782	70		42	768
P16			45	782	75		45	766
P17			48	781	80		48	766
P18			51	780	85		51	766
P19			54	779	90		54	767
P20			57	778			57	768
			60	777			60	769

WTC - 4

OVER

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 3209

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

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

Point Minutes	Press.

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

Point Minutes	Press.
63	770
66	771
69	772
72	773
75	773
78	773
81	773
84	772
87	771
90	770
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Company Texas Oil & Gas Corporation — Lease & Well No. Edwards "E"#1

Elevation 1249 Ground Level — Formation Wabaunsee — Effective Pay -- Ft. — Ticket No. 3209

Date 7/13/79 — Sec. 7 — Twp. 32S — Range 3W — County Sumner — State Kansas

Test Approved by K. W. Dahlberg — Western Representative James Rogers

Formation Test No. 1 — Interval Tested from 1580 ft. to 1695 ft. — Total Depth 1695' ft.

Packer Depth 1575 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 1580 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 1600 ft. — Recorder Number 1558 — Cap. 4200

Bottom Recorder Depth (Outside) 1603 ft. — Recorder Number 1559 — Cap. 4200

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

Drilling Contractor DNB Drilling Company — Drill Collar Length - — I. D. - in.

Mud Type chemical — Viscosity 34 — Weight Pipe Length - — I. D. - in.

Weight 9.9 — Water Loss 30.8 cc. — Drill Pipe Length - — I. D. - in.

Chlorides 88,000 P.P.M. — Test Tool Length - ft. — Tool Size - in.

Jars: Make WESTERN — Serial Number 410 — Anchor Length 115 ft. — Size - in.

Did Well Flow? Yes — Reversed Out - — Surface Choke Size 1 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4½XH in.

Blow: Strong blow. Gas to surface in five minutes Stavle at 526,000 CFPD

Recovered ft. of

Recovered ft. of NO RECOVERY DUE TO BLOW OUT

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:30 A.M. ~~P.M.~~ — Time Started Off Bottom 8:15 A.M. ~~P.M.~~ — Maximum Temperature 102

Initial Hydrostatic Pressure			(A) 785	P.S.I.		
Initial Flow Period	Minutes 30	(B) 234	P.S.I. to	(C) 165	P.S.I.	
Initial Closed In Period	Minutes 60	(D) 777	P.S.I.			
Final Flow Period	Minutes 45	(E) 236	P.S.I. to	(F) 131	P.S.I.	
Final Closed In Period	Minutes 90	(G) 770	P.S.I.			
Final Hydrostatic Pressure			(H) 749	P.S.I.		

Phone 316 262-5861
316 838-0601

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 7/13/79 Ticket 3209 Company Texas Oil & Gas Corporation

Well Name and No. Edwards "E"#1 Dst No. 1 Interval Tested 1580'-1695'

County Sumner State Kansas Sec. 7 Twp. 32S Rg. 3W

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
Opened tool at 4:30 AM			**PRE FLOW**			Gas to surface in five minutes.
4:40	10 min.	14 lbs.	1" orifice			577,000 CFPD
4:50	20 min.	8 lbs.	1" orifice			415,000 CFPD
5:00	30 min.	10 lbs.	1" orifice			472,000 CFPD
	Closed tool at 5 AM					
Opened tool at 6:00 AM			**SECOND FLOW**			
6:40	40 min.	14 lbs.	1" orifice			577,000 CFPD
6:50	50 min.	12 lbs.	1" orifice			526,000 CFPD
7:00	60 min.	12 lbs.	1" orifice			526,000 CFPD
7:10	70 min.	12 lbs.	1" orifice			526,000 CFPD
7:15	75 min.	12 lbs.	1" orifice			526,000 CFPD

GAS BOTTLE

Serial No. 622 Date Bottle Filled 7/13/79 Date to be Invoiced 7/13/79

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 Corporation

Authorized by K. W. Dahlberg

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 7/13/79 Test Ticket No. 3209

Recorder No. 1558 Capacity 4200 Location 1600 Ft.

Clock No. -- Elevation 1249 Ground Level Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	785 P.S.I.	Open Tool	4:30A M	
B First Initial Flow Pressure	234 P.S.I.	First Flow Pressure	30 Mins.	25 Mins.
C First Final Flow Pressure	165 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	777 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	236 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	131 P.S.I.			
G Final Closed-in Pressure	770 P.S.I.			
H Final Hydrostatic Mud	749 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	234
P 2 5	204
P 3 10	175
P 4 15	167
P 5 20	166
P 6 25	165
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	165
3	416
6	660
9	729
12	750
15	758
18	764
21	768
24	773
27	777
30	779
33	780
36	781
39	782
42	782
45	782
48	781
51	780
54	779
57	778
60	777

Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	236
5	192
10	165
15	154
20	148
25	143
30	139
35	137
40	132
45	131

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

Point Minutes	Press.
0	131
3	369
6	656
9	718
12	739
15	752
18	758
21	762
24	766
27	768
30	768
33	769
36	768
39	768
42	768
45	766
48	766
51	766
54	767
57	768
60	769

continued next page

WESTERN TESTING CO., INC.
Pressure Data

Date 7/13/79 Test Ticket No. 3209

Recorder No. 1558 Capacity 4200 Location 1600 Ft.

Clock No. -- Elevation 1249 Ground Level Well Temperature 102 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	785 P.S.I.	Open Tool	4:30A M	
B First Initial Flow Pressure	234 P.S.I.	First Flow Pressure	30 Mins.	25 Mins.
C First Final Flow Pressure	165 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	777 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	236 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	131 P.S.I.			
G Final Closed-in Pressure	770 P.S.I.			
H Final Hydrostatic Mud	749 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
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.

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

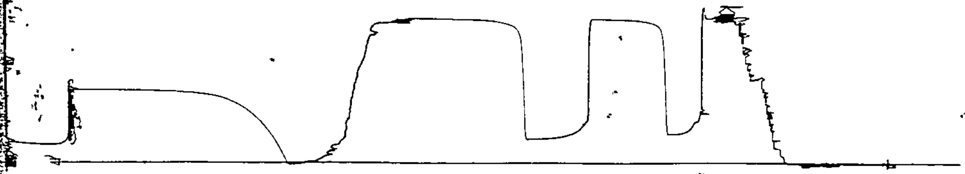
Point Minutes	Press.

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

Point Minutes	Press.
63	770
66	771
69	772
72	773
75	773
78	773
81	773
84	772
87	771
90	770

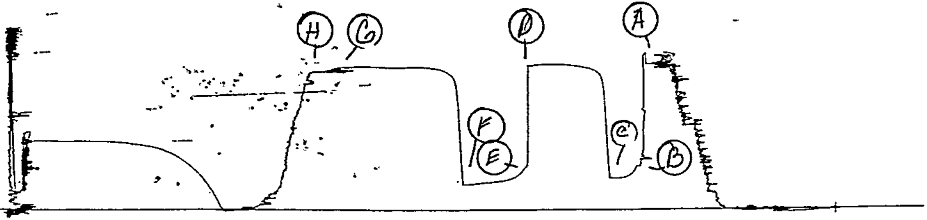
WTC - 4

Tkt # 3209
0



1559

TKt # 3209
1



Austel

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 3227

P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

Elevation _____ Formation _____ Eff. Pay _____ Ft.

District Augusta Date 7/17/79 Customer Order No. _____

COMPANY NAME Texas oil & Gas.

ADDRESS _____

LEASE AND WELL NO. Edwards #E-1 COUNTY Sumner STATE Kansas Sec. 7 Twp 32S Rge 3W

Mail Invoice To Same No. Copies Requested 1
Co. Name Address

Mail Charts To Same. No. Copies Requested 5
Address

Formation Test No. #2 Interval Tested from 1839 ft. to 1887 ft. Total Depth 1887 ft.

Packer Depth 1834 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 1839 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 1857 ft. Recorder Number 3084 Cap. 4560.

Bottom Recorder Depth (Outside) 1860 ft. Recorder Number 1561 Cap. 3200

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

Drilling Contractor D.W.B. Drlg. Co. Drill Collar Length — I. D. — in.

Mud Type Chem. Viscosity 10.8 Weight Pipe Length — I. D. — in.

Weight 10.8 Water Loss 42.8 cc. Drill Pipe Length 1809 I. D. 3.8 in.

Chlorides 86,500. P.P.M. Test Tool Length 28' ft. Tool Size 5 1/2 OD in.

Jars: Make Western Serial Number — Anchor Length 48' ft. Size 5 1/2 OD in. 3/4

Did Well Flow? — Reversed Out — Surface Choke Size 3/4 in. Bottom Choke Size _____ in.

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

Blow: Very Weak. Dead. in 3 min. Flushed Tool. No Help.

Recovered — ft. of Mud. in To p - of Tool. (Just on top of tool)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer(s) 7:50 A.M. P.M. Time Started Off Bottom 12:35 A.M. P.M. Maximum Temperature 100°

Initial Hydrostatic Pressure ..... (A) 1117 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 1060 P.S.I. to (C) 932 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 885 P.S.I.

Final Flow Period ..... Minutes 45 (E) 1060 P.S.I. to (F) 897 P.S.I.

Final Closed In Period ..... Minutes 90 (G) 874 P.S.I.

Final Hydrostatic Pressure ..... (H) 1083 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By F. W. Dahlberg
Signature of Customer or his authorized representative

Western Representative James Rogers

FIELD INVOICE

Open Hole Test	$ 440.00
Misrun	$
Straddle Test	$
Jars	$ 260.00
Selective Zone	$
Safety Joint	$ 35.00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 725.00

TO: Texas Oil & Gas Corp.
200 W. Douglas
Wichita, Kansas 67202

FROM: Western Testing Co., Inc.
PO Box 1599
Wichita, Kansas 67202

DATE: July 17, 1979

SUBJECT: Copies of drill stem test mailed to interest owners

DRILL STEM TEST NUMBER: Test #2

WELL NAME AND NUMBER: Edwards "E" #1

COUNTY: Sumner County, Kansas

COPIES MAILED TO:

Texas Oil & Gas Corporation
200 West Douglas, Suite 300
Wichita, Kansas 67202
ATTENTION: HAL BROWN
(Four copies)

Texas Oil & Gas Corporation
2700 Fidelity Union Tower
Dallas, Texas 75201
(One copy)

WESTERN TESTING CO., INC.
Pressure Data

Date 7-17-79 Test Ticket No. 3227

Recorder No. 3084 Capacity 4500 Location 1857 Ft.

Clock No. Elevation Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1062 P.S.I.	Open Tool	7:50 A M	
B First Initial Flow Pressure	581 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	935 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	884 P.S.I.	Second Flow Pressure	45 Mins.	~~45~~ 46 Mins.
E Second Initial Flow Pressure	~~884~~ 1121 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	900 P.S.I.			
G Final Closed-in Pressure	877 P.S.I.			
H Final Hydrostatic Mud	1059 P.S.I.			

PRESSURE BREAKDOWN

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

Point	Mins.	Press.
P 1	0	581
P 2	5	1072
P 3	10	1053
P 4	15	1002
P 5	20	972
P 6	25	949
P 7	30	935
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

Point Minutes	Press.
0	935
3	890
6	890
9	890
12	890
15	890
18	890
21	890
24	888
27	888
30	888
33	887
36	887
39	887
42	886
45	886
48	885
51	885
54	884
57	884
60	884

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

Point Minutes	Press.
0	~~884~~ 1121
5	~~884~~ 1044
10	~~1010~~ 993
15	~~1020~~ 970
20	~~1044~~ 963
25	~~993~~ 955
30	~~963~~ 944
35	~~944~~ 923
40	~~928~~ 911
45	~~911~~ 900
50	~~900~~
55	
60	
65	
70	
75	
80	
85	
90	

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

Point Minutes	Press.
0	900
3	877
6	877
9	877
12	877
15	877
18	877
21	877
24	877
27	877
30	877
33	877
36	877
39	877
42	877
45	877
48	877
51	877
54	877
57	877
60	877

WTC - 4

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 3227

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

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

Point Minutes	Press.

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

Point Minutes	Press.
63	877
66	877
69	877
72	877
75	877
78	877
81	877
84	877
87	877
90	877
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

Company Texas Oil & Gas Corporation — Lease & Well No. Edwards "E" #1

Elevation -- — Formation -- — Effective Pay -- Ft. — Ticket No. 3227

Date 7/17/79 — Sec. 7 — Twp. 32S — Range 3W — County Sumner — State Kansas

Test Approved by K. W. Dahlberg — Western Representative James Rogers

Formation Test No. 2 — Interval Tested from 1839 ft. to 1887 ft. — Total Depth 1887 ft.

Packer Depth 1834 ft.	Size 6 3/4 in.	Packer Depth - ft.	Size - in.
Packer Depth 1839 ft.	Size 6 3/4 in.	Packer Depth - ft.	Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 1857 ft.		Recorder Number 3084	Cap. 4500
Bottom Recorder Depth (Outside) 1860 ft.		Recorder Number 1561	Cap. 3200
Below Straddle Recorder Depth - ft.		Recorder Number -	Cap. -

Drilling Contractor DNB Drilling Co.		Drill Collar Length -	I. D. - in.
Mud Type chemical	Viscosity 10.8	Weight Pipe Length -	I. D. - in.
Weight 10.8	Water Loss 42.8 cc.	Drill Pipe Length 1809	I. D. 3.8 in.
Chlorides 86,500 P.P.M.		Test Tool Length 78 ft.	Tool Size 5½OD in.
Jars: Make WESTERN	Serial Number 408	Anchor Length 48 ft.	Size 5½OD in.
Did Well Flow? --	Reversed Out --	Surface Choke Size 3/4 in.	Bottom Choke Size 3/4 in.
		Main Hole Size 7 7/8 in.	Tool Joint Size 4½FH in.

Blow: Very weak. Dead in three minutes. Flushed tool. No help.

Recovered ____ ft. of Mud in top of tool.

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Recovered ____ ft. of

Remarks:

Time Set Packer(s) 7:50 A.M. ~~P.M.~~ — Time Started Off Bottom 11:35 ~~A.M.~~ P.M. — Maximum Temperature 100

Initial Hydrostatic Pressure		(A) 1062	P.S.I.	
Initial Flow Period	Minutes 30	(B) 581	P.S.I. to (C) 935	P.S.I.
Initial Closed In Period	Minutes 60	(D) 884	P.S.I.	
Final Flow Period	Minutes 45	(E) 1121	P.S.I. to (F) 900	P.S.I.
Final Closed In Period	Minutes 90	(G) 877	P.S.I.	
Final Hydrostatic Pressure		(H) 1059	P.S.I.	

WESTERN TESTING CO., INC.
Pressure Data

Date 7-17-79 Test Ticket No. 3227

Recorder No. 3084 Capacity 4500 Location 1857 Ft.

Clock No. - Elevation - Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1062 P.S.I.	Open Tool	7:50A. M	
B First Initial Flow Pressure	581 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	935 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	884 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	1121 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	900 P.S.I.			
G Final Closed-in Pressure	877 P.S.I.			
H Final Hydrostatic Mud	1059 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	581
P 2 5	1072
P 3 10	1053
P 4 15	1002
P 5 20	972
P 6 25	949
P 7 30	935
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	935
3	890
6	890
9	890
12	890
15	890
18	890
21	890
24	888
27	888
30	888
33	887
36	887
39	887
42	886
45	886
48	885
51	885
54	884
57	884
60	884

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	1121
5	1044
10	993
15	970
20	963
25	955
30	944
35	923
40	911
45	900

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

Point Minutes	Press.
0	900
3	877
6	877
9	877
12	877
15	877
18	877
21	877
24	877
27	877
30	877
33	877
36	877
39	877
42	877
45	877
48	877
51	877
54	877
57	877
60	877

Cont'd on next page

WESTERN TESTING CO., INC.
Pressure Data

Date 7/17/79 Test Ticket No. 3227

Recorder No. 3084 Capacity 4500 Location 1857 Ft.

Clock No. -- Elevation -- Well Temperature 100 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1062 P.S.I.		Open Tool	7:50A M	
B	First Initial Flow Pressure	581 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	935 P.S.I.		Initial Closed-in Pressure	60 Mins.	60 Mins.
D	Initial Closed-in Pressure	884 P.S.I.		Second Flow Pressure	45 Mins.	45 Mins.
E	Second Initial Flow Pressure	1121 P.S.I.		Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	900 P.S.I.				
G	Final Closed-in Pressure	877 P.S.I.				
H	Final Hydrostatic Mud	1059 P.S.I.				

PRESSURE BREAKDOWN

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

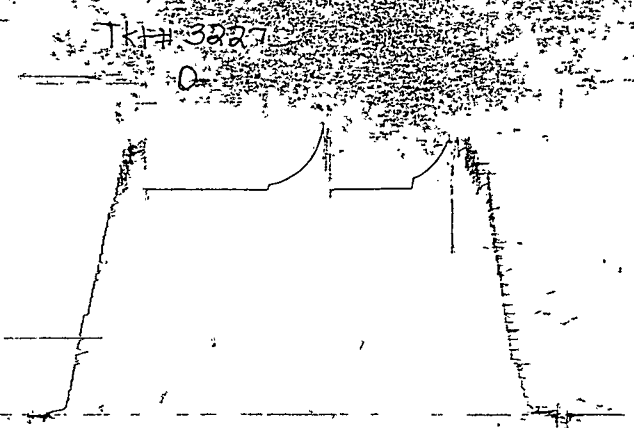
Initial Shut-In
Breakdown: ____ Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: ____ 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	877
P 2						66	877
P 3						69	877
P 4						72	877
P 5						75	877
P 6						78	877
P 7						81	877
P 8						84	877
P 9						87	877
P10						90	877
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

WTC - 4

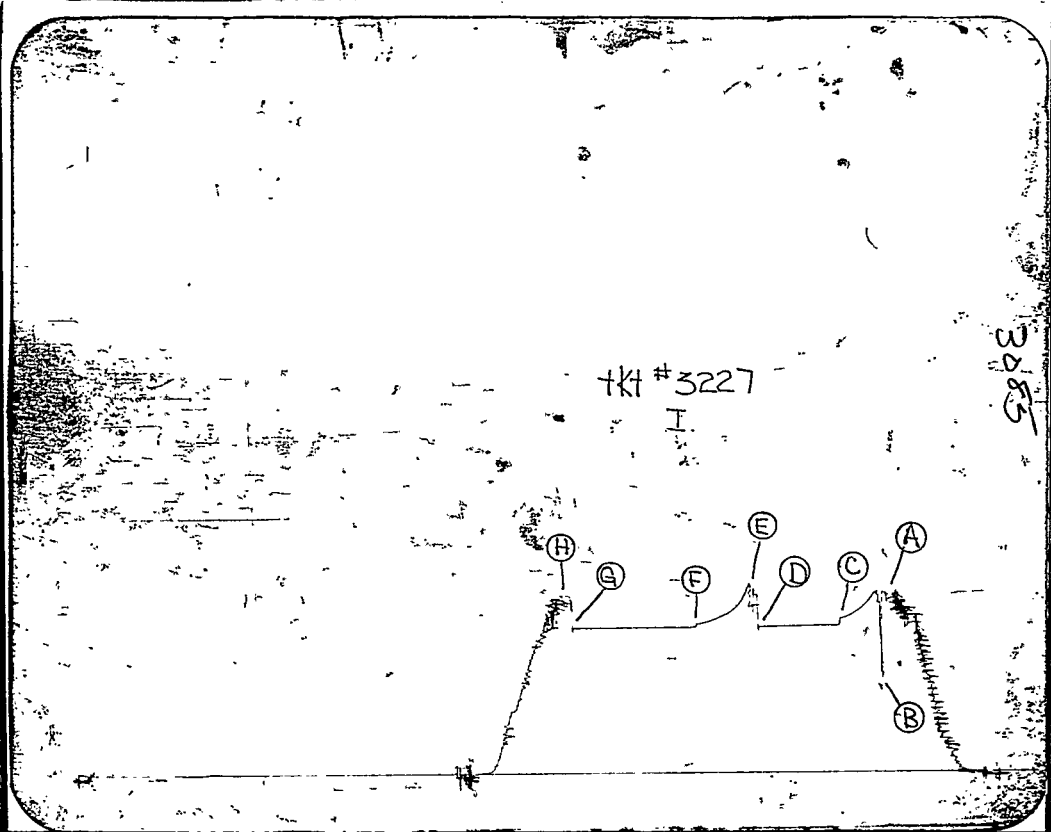


TK# 3227

D

1561

tkt #3227



P. O. BOX 1599 PHONE (316) 838-0601
WICHITA, KANSAS 67201

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET Nº 3228

Elevation 1253 KB Formation Elgin Sand Eff. Pay Ft.

District Augusta Date 7/19/79 Customer Order No.

COMPANY NAME Texas Oil & Gas.

ADDRESS

LEASE AND WELL NO. Edwards E-1 COUNTY Sumner STATE Kansas Sec. 7 Twp. 32S Rge. 3W

Mail Invoice To Same No. Copies Requested 1
Co. Name Address

Mail Charts To Same No. Copies Requested 6
Address

Formation Test No. #3 Interval Tested from 2470 ft. to 2510 ft. Total Depth 2510. ft.

Packer Depth 2465 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 2470 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 2500 ft. Recorder Number 3085 Cap. 4500

Bottom Recorder Depth (Outside) 2503. ft. Recorder Number 1561 Cap. 3200.

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor DWB Drlg. Co. Drill Collar Length — I. D. — in.

Mud Type Chem Viscosity 46 Weight Pipe Length — I. D. — in.

Weight 11.2 Water Loss 9.6 cc. Drill Pipe Length 2440 I. D. 3.8 in.

Chlorides 51,000 P.P.M. Test Tool Length 70 ft. Tool Size 4½ OD in.

Jars: Make Western Serial Number Anchor Length 40 ft. Size 5½ OD in. 3/4

Did Well Flow? Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½ XH in.

Blow: Gas To Surface. 10 min. First Flow
Stabl. At. 286,000 MCF / Per Day

Recovered 62' ft. of Mud 32,000 ppm Chlorides

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:
Readings From Recorder #3085

Time Set Packer(s) 2:10. A.M. (P.M.) Time Started Off Bottom 5:55 A.M. (P.M.) Maximum Temperature 100°

Initial Hydrostatic Pressure			(A) 1523	P.S.I.		
Initial Flow Period	Minutes 30		(B) 69	P.S.I. to	(C) 95	P.S.I.
Initial Closed In Period	Minutes 60		(D) 1152	P.S.I.		
Final Flow Period	Minutes 45		(E) 96	P.S.I. to	(F) 96	P.S.I.
Final Closed In Period	Minutes 90.		(G) 1152	P.S.I.		
Final Hydrostatic Pressure			(H) 1500	P.S.I.		

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By T. W. Dahlberg
Signature of Customer or his authorized representative

Western Representative James Rogers

FIELD INVOICE

Open Hole Test	$ 440
Misrun	$
Straddle Test	$
Jars	$ 250 00
Selective Zone	$
Safety Joint	$ 35 00
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$
TOTAL	$ 725.00

Phone 316 838-0601

WESTERN TESTERS

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

No. 1124

Date 7/19/79 Ticket 3228 Company Texas oil & Gas

Well Name and No. Edwards E-1st Dst No. #3 Interval Tested 2470-2510

County Sumner State Kansas. Sec. 7 Twp. 32S Rg. 3W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
Gas To Surface 10 Min. Open Tool 2.10 PM.					**PRE FLOW**
10 Min	32 Lb	3/4			133,000 MCF/Per Day
20 Min	12 Lb	1/2			129,000 MCF/Per Day.
30 Min	20 Lb	1/2			177,000 MCF/Per Day
Closed Tool AT 2:40 PM					
Open Tool AT 3:40 PM.					**SECOND FLOW**
35 Min	32 Lb	1/2			243,000 MCF/Per day.
40 Min	38 Lb.	1/2			275,000. MCF/Per day.
45 Min	40 Lb	1/2			285,000 MCF/Per day.
50 Min	40 Lb	1/2			285,000 MCF/Per Day.
55 Min	40 Lb	1/2			285,000. MCF/Per Day.
60 Min	40 Lb	1/2			285,000. MCF/Per Day.
65 Min	40 Lb.	1/2			285,000 MCF/Per Day.
70 Min	40 Lb	1/2			285,000. MCF/Per Day
75 Min	40 Lb	1/2			285,000. MCF/Per Day
Close Tool AT 4:25 PM					Stable AT 285,000 MCF/Per Day.

GAS BOTTLE

Serial No. 41 Date Bottle Filled 7/19/79 Date to be Invoiced

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

Authorized by R W Dahlberg

FORM WTC 9

WESTERN TESTING CO., INC.
Pressure Data

Date 7-19-79 Test Ticket No. 3228

Recorder No. 3085 Capacity 4500 Location 2500 Ft.

Clock No. — Elevation 1253 KB Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1506 P.S.I.	Open Tool	2 10 P M	
B First Initial Flow Pressure	74 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	103 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1144 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	139 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	98 P.S.I.			
G Final Closed-in Pressure	1136 P.S.I.			
H Final Hydrostatic Mud	1418 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 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: 9 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	0	74		0	103		0	139		0	98
P 2	5	60		3	830		5	100		3	734
P 3	10	79		6	1058		10	96		6	986
P 4	15	80		9	1094		15	96		9	1035
P 5	20	86		12	1109		20	96		12	1055
P 6	25	96		15	1116		25	96		15	1069
P 7	30	103		18	1122		30	97		18	1080
P 8	35			21	1125		35	97		21	1090
P 9	40			24	1129		40	97		24	1097
P10	45			27	1132		45	98		27	1102
P11	50			30	1134		50			30	1106
P12	55			33	1135		55			33	1111
P13	60			36	1136		60			36	1116
P14				39	1137		65			39	1118
P15				42	1138		70			42	1120
P16				45	1139		75			45	1122
P17				48	1140		80			48	1124
P18				51	1141		85			51	1127
P19				54	1142		90			54	1129
P20				57	1143					57	1130
				60	1144					60	1131

WTC - 4

OVER

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 3228

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
63	
66	
69	
72	
75	
78	
81	
84	
87	
90	
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

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

Point Minutes	Press.

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

Point Minutes	Press.
63	1131
66	1132
69	1132
72	1133
75	1133
78	1134
81	1134
84	1135
87	1135
90	1136
93	
96	
99	
102	
105	
108	
111	
114	
117	
120	

TO: Texas Oil & Gas Corp.
200 W. Douglas
Wichita, Kansas 67202

FROM: Western Testing Co., Inc.
PO Box 1599
Wichita, Kansas 67202

DATE: July 19, 1979
SUBJECT: Copies of drill stem test mailed to interest owners
DRILL STEM TEST NUMBER: Test #3
WELL NAME AND NUMBER: Edwards "E"#1
COUNTY: Sumner County, Kansas
COPIES MAILED TO:

Texas Oil & Gas Corporation
2700 Fidelity Union Tower
Dallas, Texas 75201
(One copy)

Texas Oil & Gas Corporation
200 West Douglas, Suite 300
Wichita, Kansas 67202
Attention: Hal Brown
(Four copies)

Company Texas Oil & Gas Corporation — Lease & Well No. Edwards "E"#1

Elevation 1253 Kelly Bushing — Formation Elgin Sand — Effective Pay -- Ft. — Ticket No. 3228

Date 7/19/79 — Sec. 7 — Twp. 32S — Range 3W — County Sumner — State Kansas

Test Approved by K. W. Dahlberg — Western Representative James Rogers

Formation Test No. 3 — Interval Tested from 2470 ft. to 2510 ft. — Total Depth 2510 ft.

Packer Depth 2465 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 2470 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 2500 ft. — Recorder Number 3085 — Cap. 4500

Bottom Recorder Depth (Outside) 2503 ft. — Recorder Number 1561 — Cap. 3200

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

Drilling Contractor DNB Drilling Company — Drill Collar Length - — I. D. - in.

Mud Type chemical — Viscosity 46 — Weight Pipe Length - — I. D. - in.

Weight 11.2 — Water Loss 9.6 cc. — Drill Pipe Length 2440 — I. D. 3.8 in.

Chlorides 51,000 P.P.M. — Test Tool Length 70 ft. — Tool Size 4½OD in.

Jars: Make WESTERN — Serial Number 402 — Anchor Length 40 ft. — Size 5½OD in.

Did Well Flow? - — Reversed Out - — Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. — Tool Joint Size 4½FH in.

Blow: Gas to surface ten minutes on first flow. See attached sheet for gas measurements.

Recovered 62 ft. of mud 32,000 chlorides ppm

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Readings from Recorder #3085

Time Set Packer(s) 2:10 ~~A.M.~~ P.M. — Time Started Off Bottom 5:55 ~~A.M.~~ P.M. — Maximum Temperature 100

Initial Hydrostatic Pressure			(A) 1506 P.S.I.			
Initial Flow Period	Minutes 30	(B) 74 P.S.I.	to	(C) 103 P.S.I.		
Initial Closed In Period	Minutes 60	(D) 1144 P.S.I.				
Final Flow Period	Minutes 45	(E) 139 P.S.I.	to	(F) 98 P.S.I.		
Final Closed In Period	Minutes 90	(G) 1136 P.S.I.				
Final Hydrostatic Pressure			(H) 1418 P.S.I.			

Phone 316 262-5861
316 838-0601

WESTERN TESTING

P. O. Box 1599
WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 7/19/79 Ticket 3228 Company Texas Oil & Gas Corporation

Well Name and No. Edwards "E"#1 Dst No. 3 Interval Tested 2470'-2510'

County Sumner State Kansas Sec. 7 Twp. 32S Rg. 3W

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
Gas to surface ten minutes. Open tool 2:10 PM			**PRE FLOW**			
	10 min.	3 lbs.	3/4" orifice			133,000 CFPD
	20 min.	12 lbs.	1/2" orifice			129,000 CFPD
	30 min.	20 lbs.	1/2" orifice			177,000 CFPD
	Closed tool at 2:40 PM					
Open tool at 3:40 PM			**SECOND FLOW**			
	35 min.	32 lbs.	1/2" orifice			243,000 CFPD
	40 min.	38 lbs.	1/2" orifice			275,000 CFPD
	45 min.	40 lbs.	1/2" orifice			285,000 CFPD
	50 min.	40 lbs.	1/2" orifice			285,000 CFPD
	55 min.	40 lbs.	1/2" orifice			285,000 CFPD
	60 min.	40 lbs.	1/2" orifice			285,000 CFPD
	65 min.	40 lbs.	1/2" orifice			285,000 CFPD
	70 min.	40 lbs.	1/2" orifice			285,000 CFPD
	75 min.	40 lbs.	1/2" orifice			285,000 CFPD
	Closed tool at 4:25 PM . Stable at 285,000 CFPD					

GAS BOTTLE

Serial No. 41 Date Bottle Filled 7/19/79 Date to be Invoiced 7/19/79

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 Corporation

Authorized by K. W. Dahlberg

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 7/19/79 Test Ticket No. 3228

Recorder No. 3085 Capacity 4500 Location 2500 Ft.

Clock No. -- Elevation 1253 Kelly Bushing Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1506 P.S.I.	Open Tool	2:10P M	
B First Initial Flow Pressure	74 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	103 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1144 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	139 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	98 P.S.I.			
G Final Closed-in Pressure	1136 P.S.I.			
H Final Hydrostatic Mud	1418 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	74
P 2 5	60
P 3 10	79
P 4 15	80
P 5 20	86
P 6 25	96
P 7 30	103
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	103
3	830
6	1058
9	1094
12	1109
15	1116
18	1122
21	1125
24	1129
27	1132
30	1134
33	1135
36	1136
39	1137
42	1138
45	1139
48	1140
51	1141
54	1142
57	1143
60	1144

Second Flow Pressure
Breakdown: 9 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	139
5	100
10	96
15	96
20	96
25	96
30	97
35	97
40	97
45	98

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

Point Minutes	Press.
0	98
3	734
6	986
9	1035
12	1055
15	1069
18	1080
21	1090
24	1097
27	1102
30	1106
33	1111
36	1116
39	1118
42	1120
45	1122
48	1124
51	1127
54	1129
57	1130
60	1131

continued next page

WESTERN TESTING CO., INC.

Pressure Data

Date 7/19/79 Test Ticket No. 3228

Recorder No. 3085 Capacity 4500 Location 2500 Ft.

Clock No. -- Elevation 1253 Kelly Bushing Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1506 P.S.I.	Open Tool	2:10P M	
B First Initial Flow Pressure	74 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	103 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1144 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	139 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	98 P.S.I.			
G Final Closed-in Pressure	1136 P.S.I.			
H Final Hydrostatic Mud	1418 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 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.

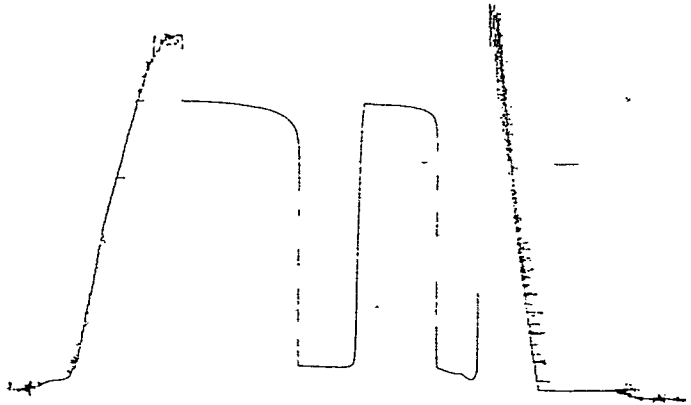
Second Flow Pressure
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

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	1131
P 2						66	1132
P 3						69	1132
P 4						72	1133
P 5						75	1133
P 6						78	1134
P 7						81	1134
P 8						84	1135
P 9						87	1135
P10						90	1136
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TK#3228

O.



1561

TK+#3328