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

Company Texas Oil & Gas Corporation — Lease & Well No. Nyberg #1

Elevation 1317 Kelly Bushing — Formation Topeka — Effective Pay -- Ft. — Ticket No. 341

Date 10/8/78 — Sec. 27 — Twp. 31S — Range 3W — County Sumner — State Kansas

Test Approved by K. W. Dahlberg — Western Representative Norman Allen

Formation Test No. 2 — Interval Tested from 2255' ft. to 2268' ft. — Total Depth 2268' ft.

Packer Depth 2255 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Packer Depth 2250 ft. — Size 6 3/4 in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 2248 AP ft. — Recorder Number 3085 — Cap. 4500

Bottom Recorder Depth (Outside) 2264 ft. — Recorder Number 1562 — Cap. 3150

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

Drilling Contractor Blue Streak Drilling — Drill Collar Length 85 — I. D. 2¼ in.

Mud Type starch — Viscosity 43 — Weight Pipe Length 300 — I. D. 2.7 in.

Weight 10.- — Water Loss 10.8 cc. — Drill Pipe Length 1840 — I. D. 3.8 in.

Chlorides 65,000 P.P.M. — Test Tool Size 4½OD in. — Tool Joint Size 3½IF in.

Jars: Make WTC — Serial Number 407 — Anchor Length 13 ft. — Size 4½OD 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: Weak five minutes.

Recovered 10 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

WESTERN TESTING CO., INC.
Pressure Data

Date 10-8-78 — Test Ticket No. 341

Recorder No. 3085 — Capacity 4500 — Location 2248 Ft.

Clock No. — Elevation 1317 K. B. — Well Temperature 94 °F

Point	Pressure		Given Time	Computed Time
A Initial Hydrostatic Mud	1213	P.S.I.		
B First Initial Flow Pressure	45	P.S.I.	Open Tool 11:00 M	
C First Final Flow Pressure	24	P.S.I.	First Flow Pressure 30 Mins.	30 Mins.
D Initial Closed-in Pressure	911	P.S.I.	Initial Closed-in Pressure 60 Mins.	45 Mins.
E Second Initial Flow Pressure	33	P.S.I.	Second Flow Pressure 15 Mins.	~~30~~ 15 Mins.
F Second Final Flow Pressure	24	P.S.I.	Final Closed-in Pressure 45 Mins.	45 Mins.
G Final Closed-in Pressure	888	P.S.I.		
H Final Hydrostatic Mud	1164	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	45
P 2	5	31
P 3	10	26
P 4	15	24
P 5	20	↓
P 6	25	↓
P 7	30	24
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: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	24
3	294
6	526
9	655
12	723
15	776
18	811
21	837
24	858
27	872
30	881
33	893
36	902
39	907
42	911
45	911
48	
51	
54	
57	
60	

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

Point Minutes	Press.
0	33
5	24
10	24
15	24
~~20~~	~~24~~
25	
30	
35	
40	
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	

Final Shut-In — Breakdown: 15 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	24
3	139
6	366
9	535
12	688
15	718
18	765
21	792
24	818
27	839
30	850
33	862
36	872
39	877
42	884
45	888
48	
51	
54	
57	
60	

WESTERN TESTING CO., INC.
Pressure Data

Date 10/8/78 Test Ticket No. 341

Recorder No. 3085 Capacity 4500 Location 2248 Ft.

Clock No. -- Elevation 1317 Kelly Bushing Well Temperature 94 °F

Point		Pressure	
A	Initial Hydrostatic Mud	1213	P.S.I.
B	First Initial Flow Pressure	45	P.S.I.
C	First Final Flow Pressure	24	P.S.I.
D	Initial Closed-in Pressure	911	P.S.I.
E	Second Initial Flow Pressure	33	P.S.I.
F	Second Final Flow Pressure	24	P.S.I.
G	Final Closed-in Pressure	888	P.S.I.
H	Final Hydrostatic Mud	1164	P.S.I.

	Time Given	Time Computed
Open Tool	11:00A M	
First Flow Pressure	30 Mins.	30 Mins.
Initial Closed-in Pressure	60 Mins.	45 Mins.
Second Flow Pressure	15 Mins.	15 Mins.
Final Closed-in Pressure	45 Mins.	45 Mins.

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	45
P 2 5	31
P 3 10	26
P 4 15	24
P 5 20	24
P 6 25	24
P 7 30	24
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	24
3	294
6	526
9	655
12	723
15	776
18	811
21	837
24	858
27	872
30	881
33	893
36	902
39	907
42	911
45	911

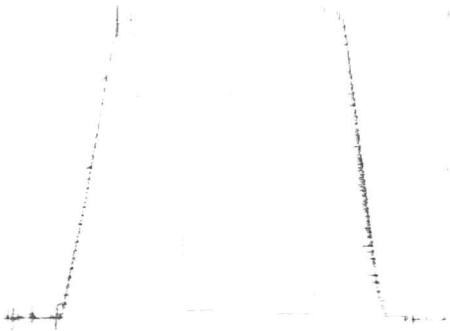
Second Flow Pressure
Breakdown: 4 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	33
5	24
10	24
15	24

Final Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

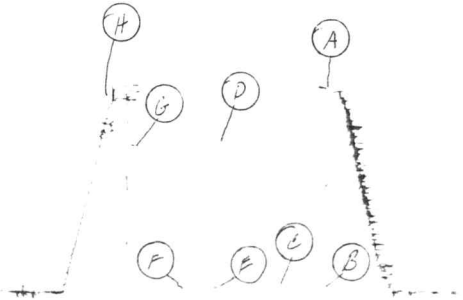
Point Minutes	Press.
0	24
3	139
6	366
9	535
12	658
15	718
18	765
21	797
24	818
27	839
30	850
33	862
36	872
39	877
42	884
45	888

IKE #541



1562

TKt # 341
I



3085