WESTERN TESTING CO., INC.
FORMATION TESTING
TICKET 21637

P. O. BOX 793 PHONE 793-7903
GREAT BEND, KANSAS

Formation MISS Elevation _____ Eff. Pay _____ Ft.

District PRATT Date 7-31-76 Customer Order No. _____

COMPANY NAME TEXAS OIL & GAS Corp.

ADDRESS Suite 450, 200 W. Douglas Wichita, KS.

LEASE AND WELL NO. Cox D-1 COUNTY KINGMAN STATE KS. Sec 26 Twp. 30S Rge. 10W

Mail Inv. To _____ see sheet _____ No. Copies Requested _____
Co. Name Address

Mail Charts To _____ No. Copies Requested _____
Address

Formation Test No. 5 O.K. X Misrun _____ Interval Tested From 4391 to 4411 Total Depth 4411

Size Main Hole 7 7/8 Rat Hole — Conv. _____ B.T. X Damaged X Yes _____ No Conv. _____ B.T. X Damaged X Yes _____ No

Top Packer Depth 4386 Ft. Size 6 3/4 Bottom Packer Depth 4391 Ft. Size 6 3/4

Straddle _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No Packer Depth _____ Ft. Size _____

Tool Size 5½ O.D. Tool Joint Size 4½ F.H. Anchor Length 20 Ft. Size 5½ O.D. Surface Choke Size 3/4 In. Bottom Choke Size _____ In.

RECORDERS Depth 4399 Ft. Clock No. 6799 Depth 4402 Ft. Clock No. 9726

Top Make KUSTER Cap. 4150 No. 2606 Inside ~~Outside~~ Bottom Make KUSTER Cap. 4000 No. 3351 ~~Inside~~ Outside

Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside Outside Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside Outside

Time Set Packer 1:12 A.M.

Tool Open I.F.P. From 1:13 M. to 1:43 M. — Hr. 30 Min. From (B) 41 55 P.S.I. To (C) 52 59 P.S.I.

Tool Closed I.C.I.P. From 1:43 M. to 2:43 M. 0 Hr. — Min. (D) 135 139 P.S.I.

Tool Open F.F.P. From 2:43 M. to 3:28 M. — Hr. 45 Min. From (E) 72 73 P.S.I. To (F) 83 75 P.S.I.

Tool Closed F.C.I.P. From 3:28 M. to 4:58 M. 1 Hr. 30 Min. (G) 104 106 P.S.I.

Initial Hydrostatic Pressure (A) 2110 2222 P.S.I. Final Hydrostatic Pressure (H) 2110 2219 P.S.I. Maximum Temp. 122

INFORMATION

BLOW WEAK BLOW THRU-OUT TEST

Did Well Flow ___ Yes X No Recovery Total Ft. 90 Ft. DRLG MUD W/ SPECKS OF OIL

Reversed Out ___ Yes X No Mud Type GEL CHEM Viscosity 37 Weight 9.2 Water Loss 12.0 cc. Chlorides 17,000

EXTRA EQUIPMENT: Type Circ. Sub PIN Safety Joint YES Jars: Size 4½ O.D. In. Make WTC Ser. No. 403

Dual Packers YES Did Packers Hold? YES Did Tool Plug? NO Where? _____

DRILLING CONTRACTOR EXPLORATION, INC. Length Drill Pipe 4118 ft. I.D. Drill Pipe 3 In. Tool Joint Size 4" F.H. In.

Length Weight Pipe — ft. I.D. Weight Pipe — In. Tool Joint Size — In. Length Drill Collars 244 ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4½ H90 In. Length D.S.T. Tool 49 ft.

Remarks _____

INVOICE SECTION

Open Hole Test	$ 390.00
Straddle Test	$ _____
Jars	$ 165.00
Selective Zone	$ _____
Safety Joint	$ 30.00
Misrun	$ _____
Evaluation	$ _____
Packer	$ _____
Circ. Sub	$ _____
Extra Copies	$ 10.00
Total	$ 595.00

COMPANY TERMS

Western Testing Co., Inc., shall not be liable for damage 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, or 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 10% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By D. L. Mayans
Signature of Customer or his Authorized Representative

Western Representative Bill Slagel

Operator's Time Thank You Hrs.

WESTERN TESTING CO., INC.
Pressure Data

7-31-76 — Test Ticket No. 21637

der No. 2606 — Capacity 4150 — Location 4399 Ft.

No. 6799 — Elevation — — Well Temperature 122 °F

	Pressure			Time Given	Time Computed
itial Hydrostatic Mud	2222 P.S.I.	Open Tool		1:12 A M.	
irst Initial Flow Pressure	55 P.S.I.	First Flow Pressure		30 Mins.	30 Mins.
irst Final Flow Pressure	59 P.S.I.	Initial Closed-in Pressure		60 Mins.	60 Mins.
nitial Closed-in Pressure	139 P.S.I.	Second Flow Pressure		45 Mins.	45 Mins.
econd Initial Flow Pressure	73 P.S.I.	Final Closed-in Pressure		90 Mins.	90 Mins.
econd Final Flow Pressure	75 P.S.I.				
inal Closed-in Pressure	106 P.S.I.				
inal Hydrostatic Mud	2219 P.S.I.				

PRESSURE BREAKDOWN

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

t s.	Press.
0	55
5	54
10	55
15	56
20	57
25	58
30	59
35	
40	
45	
50	
55	
60	

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

Point Minutes	Press.
0	59
3	76
6	81
9	85
12	89
15	94
18	97
21	101
24	104
27	108
30	111
33	114
36	116
39	119
42	122
45	125
48	128
51	131
54	134
57	137
60	139

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

Point Minutes	Press.
0	73
5	69
10	70
15	71
20	72
25	73
30	73
35	74
40	74
45	75
50	
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	75
3	76
6	77
9	79
12	80
15	81
18	81
21	82
24	83
27	84
30	85
33	86
36	87
39	88
42	89
45	91
48	92
51	93
54	94
57	95
60	96

Over

WTC - 4

WESTERN TESTERS INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Texas Oil & Gas Corp. Lease & Well No. Cox D #1

Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 21637

Date 7-31-76 Sec. 26 Twp. 30S Range 10W County Kingman State Kansas

Test Approved by G.L. Musgrove Western Representative Bill Hager

Formation Test No. 5 O.K. X Misrun - Interval Tested From 4391' to 4411' Total Depth 4411'

Size Main Hole 7 7/8 Rat Hole - Conv. - B.T. X Damaged X Yes - No Conv. - B.T. X Damaged X Yes - No

Top Packer Depth 4386 Ft. Size 6 3/4 Bottom Packer Depth 4391 Ft. Size 6 3/4

Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -

Tool Size 5½OD Tool Joint Size 4½FH Anchor Length 20 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4399 Ft. Clock No. 6799 Depth 4402 Ft. Clock No. 9726

Top Make Kuster Cap. 4150 No. 2606 ~~Inside~~ Outside Bottom Make Kuster Cap. 4000 No. 3351 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 1:12A. M

Tool Open I.F.P. From 1:13A M. to 1:43A M. - Hr. 30 Min. From (B) 55 P.S.I. To (C) 59 P.S.I.

Tool Closed I.C.I.P. From 1:43A M. to 2:43A M. 1 Hr. - Min (D) 139 P.S.I.

Tool Open F.F.P. From 2:43A M. to 3:28A M. - Hr. 48 Min. From (E) 73 P.S.I. To (F) 75 P.S.I.

Tool Closed F.C.I.P. From 3:28A M. to 4:58A M. 1 Hr. 30 Min. (G) 106 P.S.I.

Initial Hydrostatic Pressure (A) 2222 P.S.I. Final Hydrostatic Pressure (H) 2219 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Weak blow throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 90' of drilling mud with specks of oil.

Reversed Out - Yes X No Mud Type Impermix Viscosity 37 Weight 9.2 Water Loss 12.0 cc. Chlorides 17000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4½OD In. Make WTC Ser. No. 403

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Exploration, Inc. Length Drill Pipe? 4118 Ft. I.D. Drill Pipe 3 In. Tool Joint Size 4"FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 244 Ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4½H-90 In. Length D.S.T. Tool 49 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 7-31-76 Test Ticket No. 21637

Recorder No. 2606 Capacity 4150 Location 4399 Ft.

Clock No. 6799 Elevation - Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2222 P.S.I.	Open Tool	1:12A M	
B First Initial Flow Pressure	55 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	59 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	139 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	73 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	75 P.S.I.			
G Final Closed-in Pressure	106 P.S.I.			
H Final Hydrostatic Mud	2219 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	55
P 2 5	54
P 3 10	55
P 4 15	56
P 5 20	57
P 6 25	58
P 7 30	59
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	59
3	76
6	81
9	85
12	89
15	94
18	97
21	101
24	104
27	108
30	111
33	114
36	116
39	119
42	122
45	125
48	128
51	131
54	134
57	137
60	139

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

Point Minutes	Press.
0	73
5	69
10	70
15	71
20	72
25	73
30	73
35	74
40	74
45	75
50	
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	75
3	76
6	77
9	79
12	80
15	81
18	81
21	82
24	83
27	84
30	85
33	86
36	87
39	88
42	89
45	91
48	92
51	93
54	94
57	95
60	96

Cont'd on next page

WESTERN TESTING CO., INC.

Pressure Data

Date 7-31-76 Test Ticket No. 21637

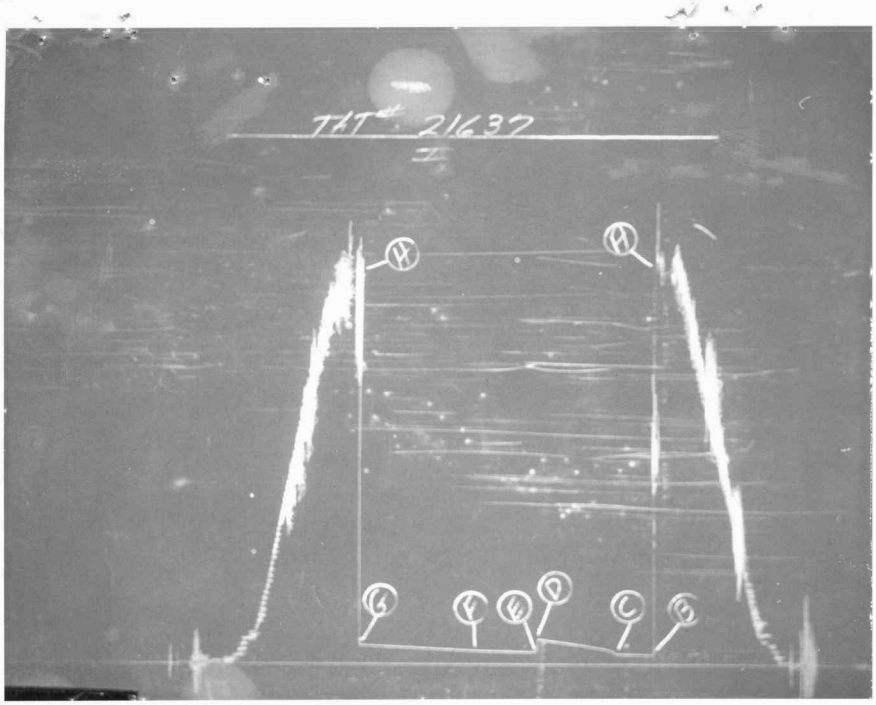
Recorder No. Capacity Location Ft.

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		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: Inc.		Breakdown: Inc.		Breakdown: Inc.		Breakdown: Inc.	
of mins. and a		of mins. and a		of mins. and a		of mins. and a	
final inc. of Min.		final inc. of Min.		final inc. of Min.		final inc. of Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1						63	97
2						66	98
3						69	99
4						72	100
5						75	101
6						78	102
7						81	103
8						84	104
9						87	105
10						90	106
11							
12							
13							
14							
15							
16							
17							


TAT 21637
H
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