



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

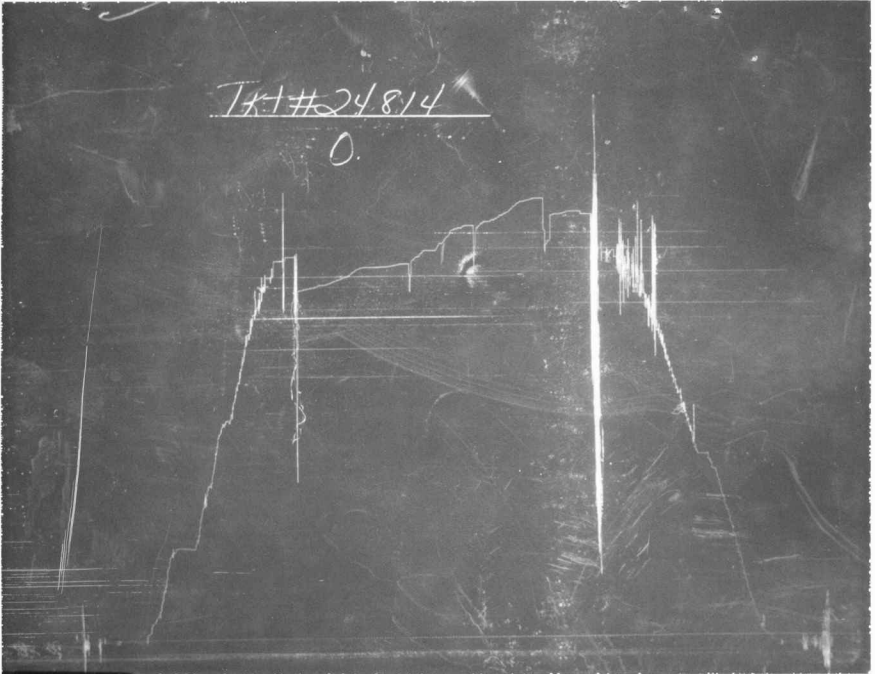
Company Texas Oil & Gas Corp. Lease & Well No. Martin C-#1
Elevation 1462 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 24814
Date 6-10-77 Sec. 22 Twp. 32S Range 10W County Barber State Kansas
Test Approved by K.W. Dahlberg Western Representative Joe N. Lusk
Formation Test No. 1 O.K. Misrun Interval Tested From 4389' to 4400' Total Depth 4400'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4382 Ft. Size 6 3/4 Bottom Packer Depth 4389 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 11 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4396 Ft. Clock No. 5665 Depth 4399 Ft. Clock No. 6894
Top Make Kuster Cap. 4400 No. 2603 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 1:53 A M
Tool Open I.F.P. From 1:55 A.M. to 2:25 A.M. - Hr. 30 Min. From (B) - P.S.I. To (C) - P.S.I.
Tool Closed I.C.I.P. From 2:25 A.M. to 3:25 A.M. 1 Hr. - Min (D) - P.S.I.
Tool Open F.F.P. From 3:25 A.M. to 4:10 A.M. - Hr. 45 Min. From (E) - P.S.I. To (F) - P.S.I.
Tool Closed F.C.I.P. From 4:10 A.M. to 5:40 A.M. 1 Hr. 30 Min. (G) - P.S.I.
Initial Hydrostatic Pressure (A) - P.S.I. Final Hydrostatic Pressure (H) - P.S.I. Maximum Temp. -

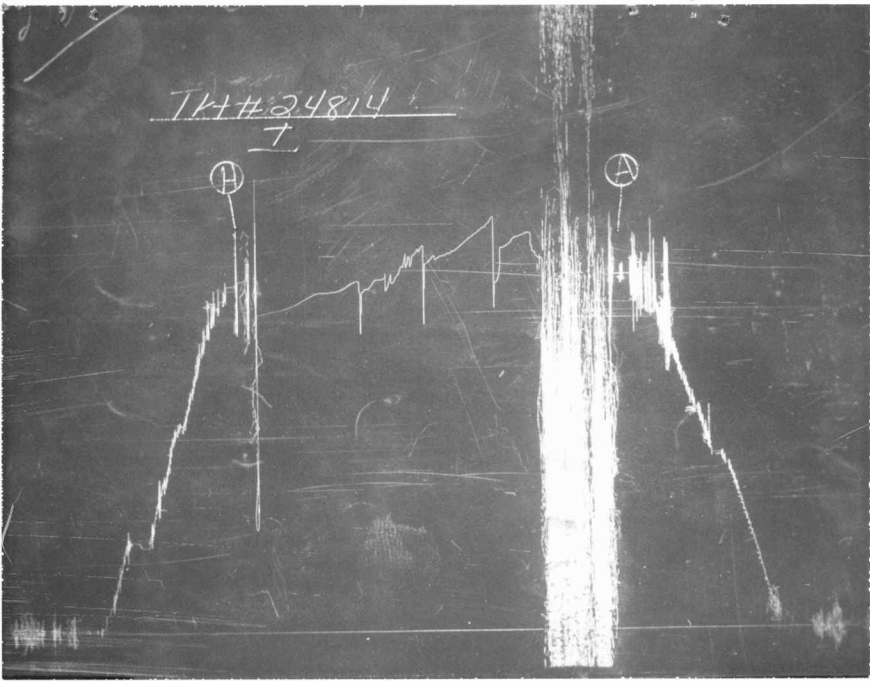
INFORMATION

BLOW Weak blow on initial flow period, died in 20 minutes. No blow on final flow period.
Did Well Flow - Yes No Recovery Total Ft. 20' mud.
Reversed Out. - Yes No Mud Type premix Viscosity 37 Weight 9.1 Water Loss 11.2 cc. Chlorides 15,000 P.P.M.
EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Jars: Size 4 1/2 OD In. Make WTC Ser. No. 408
Dual Packer Did Packers Hold? yes Did Tool Plug? Where? -
DRILLING CONTRACTOR H-30, Inc. Length Drill Pipe? 4172 Ft. I.D. Drill Pipe - In. Tool Joint Size - In.
Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 186 Ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4H90 In. Length D.S.T. Tool 42 Ft.
Remarks: Had to slide tool approximately 3-4', both rec. charts showed plugging action.

TKT#24814

0.







WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET 24814

P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

Formation MISSISSIPPI Elevation 1462 RB. Eff. Pay Ft.

8 copies

District PRATT Date 6-10-77 Customer Order No.

COMPANY NAME TEXAS OIL & GAS CORP.

ADDRESS

LEASE AND WELL NO. MARTIN "C" #1 COUNTY BARBER STATE KANS. Sec. 22 Twp 32S Rge. 10W

Mail Inv. To SAME Co. Name Address No. Copies Requested Reg.

Mail Charts To SAME Address No. Copies Requested

Formation Test No. 1 O.K. Misrun Interval Tested From 4389 to 4400 Total Depth 4400

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

Top Packer Depth 4382 Ft. Size 6 3/4 Bottom Packer Depth 4389 Ft. Size 6 3/4

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

Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 11 Ft. Size 5 1/2 Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4396 Ft. Clock No. 5665 Inside Depth 4399 Ft. Clock No. 6894 Inside

Top Make KUSTER Cap. 4400 No. 2603 Outside Bottom Make KUSTER Cap. 4000 No. 2660 Outside

Below Straddle: Depth Rec. No. Clock No. Outside

Time Set Packer 153A M

Tool Open I.F.P. From 155A M. to 225A M. Hr. 30 Min. From (B) P.S.I. To (C) P.S.I.

Tool Closed I.C.I.P. From 225A M. to 325A M. 1 Hr. 00 Min. (D) P.S.I.

Tool Open F.F.P. From 325A M. to 410A M. Hr. 45 Min. From (E) P.S.I. To (F) P.S.I.

Tool Closed F.C.I.P. From 410A M. to 510A M. 1 Hr. 30 Min. (G) P.S.I.

Initial Hydrostatic Pressure (A) 2074 P.S.I. Final Hydrostatic Pressure (H) 2052 P.S.I. Maximum Temp.

INFORMATION

BLOW WEAR BLOW ON I.F.P. - died in 20min

NO BLOW AT ALL ON F.F.P.

Did Well Flow Yes No Recovery Total Ft. 20 ft Mud.

Reversed Out Yes No Mud Type Premix Viscosity 37 Weight 9.1 Water Loss 11.7 cc. Chlorides 15,000.

EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint Jars: Size 1 1/2 In. Make WTC Ser. No. 408

Dual Packers Did Packers Hold? Yes Did Tool Plug? Where?

DRILLING CONTRACTOR H-30 Rig #3, Length Drill Pipe 4172 ft. I.D. Drill Pipe In. Tool Joint Size In.

Length Weight Pipe 4-H-90 ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 186 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4-H-90 In. Length D.S.T. Tool 42 ft.

Remarks HAD TO SLIDE TOOL APPROX 3-4 FT. BOTH REC. CHARTS SHOWED PLUGGING ACTION.

INVOICE SECTION

Open Hole Test	\$
Straddle Test	\$
Jars	\$ 175.00
Selective Zone	\$
Safety Joint	\$ 30.00
Misrun	\$ 175.00
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 380.00

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 J.W. DeHilling Signature of Customer or his Authorized Representative

Western Representative Joe N. Lusk Operator's Time Thank You (Hrs.)



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

Company Texas Oil & Gas Corp. Lease & Well No. Martin C-#1
Elevation 1462 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 24815
Date 6-11-77 Sec. 22 Twp. 32S Range 10W County Barber State Kansas
Test Approved by K.W. Dahlberg Western Representative Joe N. Lusk
Formation Test No. 2 O.K. Misrun Interval Tested From 4389' to 4400' Total Depth 4400'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4382 Ft. Size 6 3/4 Bottom Packer Depth 4389 Ft. Size 6 3/4
Straddle Conv. B.T. Damaged Yes No Packer Depth Ft. Size
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 11 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4396 Ft. Clock No. 5665 Depth 4399 Ft. Clock No. 6894
Top Make Kuster Cap. 4400 No. 2603 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth Rec. No. Clock No. Inside Outside Depth Ft. Rec. No. Clock No. Inside Outside
Time Set Packer 3:22 A M
Tool Open I.F.P. From 3:23 A M to 3:58 A M - Hr. 35 Min. From (B) 261 P.S.I. To (C) 328 P.S.I.
Tool Closed I.C.I.P. From 3:58 A M to 4:58 A M 1 Hr. - Min (D) 1416 P.S.I.
Tool Open F.F.P. From 4:58 A M to 5:43 A M - Hr. 45 Min. From (E) 355 P.S.I. To (F) 575 P.S.I.
Tool Closed F.C.I.P. From 5:43 M to 7:13 A M 1 Hr. 30 Min. (G) 1419 P.S.I.
Initial Hydrostatic Pressure (A) 2094 P.S.I. Final Hydrostatic Pressure (H) 1980 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Strong blow on initial flow period. Gas to surface in 5 minutes. See attached sheet for gas measurements. Not enough gas to gauge on final flow period.

Did Well Flow - Yes No Recovery Total Ft. 1302' total recovery; 496' oil, 809' water.

Reversed Out - Yes No Mud Type premix Viscosity 52 Weight 9.3 Water Loss 10.8 cc. Chlorides 18,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint Jars: Size 4 1/2 OD In. Make WTC Ser. No. 408

Dual Packer Did Packers Hold? yes Did Tool Plug? no Where?

DRILLING CONTRACTOR H-30 Inc. Length Drill Pipe? 4172 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe Ft. I.D. Weight Pipe In. Tool Joint Size In. Length Drill Collars 186 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 42 Ft.

Remarks: Chlorides check - top - oil
" " - middle - 114,000 P.P.M.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-11-77 Test Ticket No. 24815
 Recorder No. 2603 Capacity 4400 Location 4396 Ft.
 Clock No. 5665 Elevation 1462 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2094	P.S.I.	3:25	A M
B First Initial Flow Pressure	261	P.S.I.	35	Mins. 35 Mins.
C First Final Flow Pressure	328	P.S.I.	60	Mins. 66 Mins.
D Initial Closed-in Pressure	1416	P.S.I.	45	Mins. 40 Mins.
E Second Initial Flow Pressure	355	P.S.I.	90	Mins. 90 Mins.
F Second Final Flow Pressure	575	P.S.I.		
G Final Closed-in Pressure	1419	P.S.I.		
H Final Hydrostatic Mud	1980	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>22</u> Inc.		Breakdown: <u>8</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	0	0	261	0	328	0	575
P 2	5	3	242	5	1006	3	1403
P 3	10	6	231	10	1401	6	1407
P 4	15	9	229	15	1410	9	1411
P 5	20	12	255	20	1410	12	1411
P 6	25	15	268	25	1410	15	1411
P 7	30	18	300	30	1411	18	1411
P 8	35	21	328	35	1414	21	1416
P 9		24		40	1414	24	1416
P10		27			1414	27	1416
P11		30			1414	30	1416
P12		33			1416	33	1416
P13		36			1416	36	1416
P14		39			1416	39	1416
P15		42			1416	42	1416
P16		45			1416	45	1416
P17		48			1416	48	1416
P18		51			1416	51	1416
P19		54			1416	54	1416
P20		57			1416	57	1416
		60			1416	60	1416
		63			1416		
		66			1416		

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(Con't Next Page)

WESTERN TESTING CO., INC.

Pressure Data

Date 6-11-77

Test Ticket No. 24815

Recorder No. 2603 Capacity 4400 Location 4396 Ft.

Clock No. 5665 Elevation 1462 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud _____ P.S.I.	Open Tool	_____ M	_____ Mins.
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

Point	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	_____	_____	_____	63	1416
P 2	_____	_____	_____	66	1416
P 3	_____	_____	_____	69	1416
P 4	_____	_____	_____	72	1418
P 5	_____	_____	_____	75	1418
P 6	_____	_____	_____	78	1418
P 7	_____	_____	_____	81	1418
P 8	_____	_____	_____	84	1418
P 9	_____	_____	_____	87	1419
P10	_____	_____	_____	90	1419
P11	_____	_____	_____	_____	_____
P12	_____	_____	_____	_____	_____
P13	_____	_____	_____	_____	_____
P14	_____	_____	_____	_____	_____
P15	_____	_____	_____	_____	_____
P16	_____	_____	_____	_____	_____
P17	_____	_____	_____	_____	_____
P18	_____	_____	_____	_____	_____
P19	_____	_____	_____	_____	_____
P20	_____	_____	_____	_____	_____



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

Date 6-11-77 Ticket 24815 Company Texas Oil & Gas Corp.
Well Name and No. Martin C-#1 Dst No. 2 Interval Tested 4389' - 4400'
County Barber State Kansas Sec. 22 Twp. 32S Rg. 10W

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
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PRE FLOW

3:33 AM	10 min.	46 inches	of water		1" choke	175,000	C.F.P.D.
3:38 AM	15 min.	26 inches	of water		1" choke	132,000	C.F.P.D.
3:43 AM	20 min.	14 inches	of water		1" choke	97,000	C.F.P.D.
3:48 AM	25 min.	34 inches	of water		3/4"choke	82,800	C.F.P.D.
3:53 AM	30 min.	30 inches	of water		3/4"choke	77,800	C.F.P.D.
3:58 AM	35 min.	26 inches	of water		3/4"choke	72,400	C.F.P.D.

SECOND FLOW

5:08 AM	10 min.	34 inches	of water		3/4"choke	82,800	C.F.P.D.
5:13 AM	15 min.	32 inches	of water		3/4"choke	80,300	C.F.P.D.
5:18 AM	20 min.	32 inches	of water		3/4"choke	80,300	C.F.P.D.
5:23 AM	25 min.	20 inches	of water		3/4"choke	53,500	C.F.P.D.
5:28 AM	30 min.	48 inches	of water		1/2"choke	43,400	C.F.P.D.
5:33 AM	35 min.	54 inches	of water		1/2"choke	46,100	C.F.P.D.
5:38 AM	40 min.	46 inches	of water		1/2"choke	42,500	C.F.P.D.
5:43 AM	45min.	40 inches	of water		1/2"choke	39,600	C.F.P.D.

GAS BOTTLE

Serial No. 613 Date Bottle Filled 6-11-77 Date to be Invoiced 6-11-77

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.

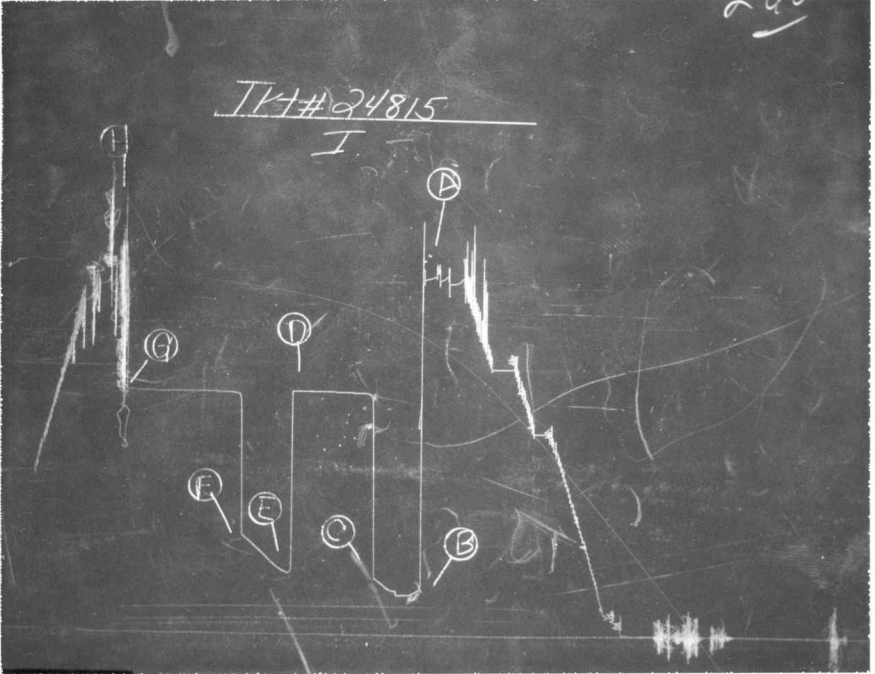
All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Texas Oil & Gas Corp.

Authorized by K.W. Dahlberg

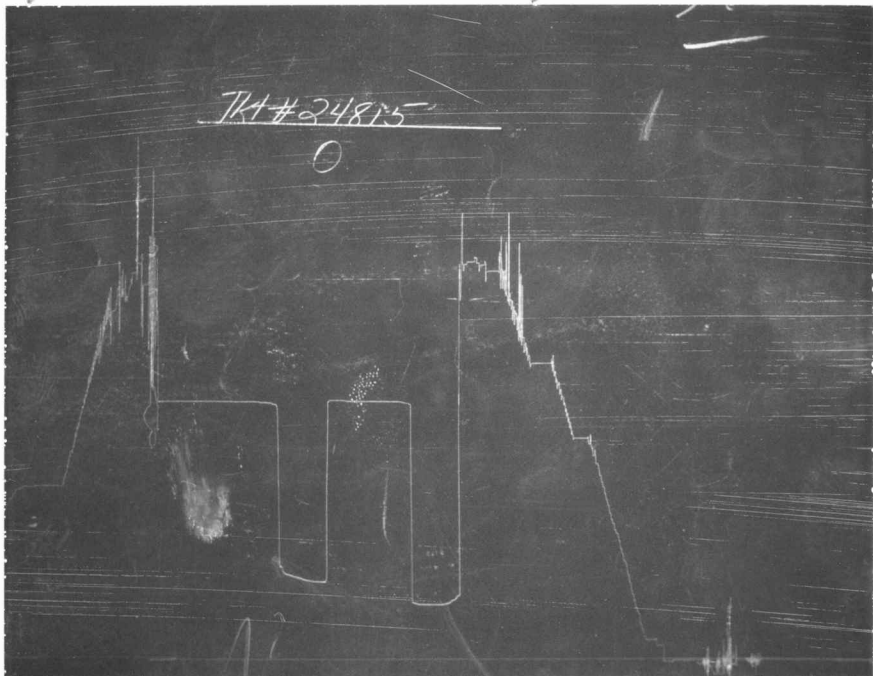
TK#24815

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TK#24815

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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET 24815

Formation MISSISSIPPI Elevation 1462 KB Eff. Pay _____ Ft.

District PRATT Date 6-11-77 Customer Order No. _____
COMPANY NAME TEXAS OIL & GAS CORP.
ADDRESS 200 W. DOUGLAS SUITE 300 - WICHITA, KS. 67202
LEASE AND WELL NO. MARTIN "C" #1 COUNTY BARBER STATE KS. Sec. 22 Twp. 32S Rge. 10W
Mail Inv. To SAM No. Copies Requested 8
Co. Name SAME Address _____ No. Copies Requested _____
Mail Charts To SAME Address _____ No. Copies Requested _____

Formation Test No. 2 O.K. _____ Misrun _____ Interval Tested From 4389 to 4400 Total Depth 4400
Size Main Hole 7 7/8 Rat Hole _____ Conv. B.T. Damaged Yes _____ No Conv. B.T. Damaged Yes _____ No
Top Packer Depth 4382 Ft. Size 6 3/4 Bottom Packer Depth 4389 Ft. Size 6 3/4
Straddle _____ Conv. B.T. Damaged Yes _____ No Packer Depth _____ Ft. Size _____
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 11 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4396 Ft. Clock No. 5665 Depth 4399 Ft. Clock No. 6894
Top Make RUSTER Cap. 4400 No. 2603 Inside _____ Outside _____ Bottom Make RUSTER Cap. 4000 No. 3660 Inside _____ Outside _____
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside _____ Outside _____

Time Set Packer 328a
Tool Open I.F.P. From 328a M. to 358a M. Hr. 35 Min. From (B) 256 P.S.I. To (C) 334 P.S.I.
Tool Closed I.C.I.P. From 358a M. to 458a M. Hr. 00 Min. (D) 1444 P.S.I. To (F) 1416 P.S.I.
Tool Open F.F.P. From 458a M. to 543a M. Hr. 45 Min. From (E) 390 P.S.I. To (F) 579 P.S.I.
Tool Closed F.C.I.P. From 543a M. to 713a M. Hr. 30 Min. (G) 988 P.S.I. To (F) 444 P.S.I.
Initial Hydrostatic Pressure (A) 2,099 P.S.I. Final Hydrostatic Pressure (H) 2,099 P.S.I. Maximum Temp. 124°

INFORMATION

BLOW I.F.P. - STRONG BLOW - GAS TO SURFACE IN 5 MIN - SEE ATTACHED SHEET - F.F.P. WAS NOT GETTING ENOUGH GAS TO
Did Well Flow - Yes 1 No _____ Recovery Total Ft. 1302 - 496 Ft. O.L. - 809 Ft. WATER

Reversed Out - Yes 1 No _____ Mud type PREMIX Viscosity 52 Weight 9.3 Water Loss 10.8 cc. Chlorides 18,000
EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint _____ Jars: Size 4 1/2 OD In. Make WTC Ser. No. 408
Dual Packers 1 Did Packers Hold? YES Did Tool Plug? NO Where? _____
DRILLING CONTRACTOR H-30 INC. Rig # 3 Length Drill Pipe 4172 In. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH
Length Weight Pipe _____ ft. I.D. Weight Pipe _____ In. Tool Joint Size _____ In. Length Drill Collars 186 ft. I.D. Drill Collars 2 1/4 In.
Tool Joint Size 4 1/2 XH In. Length D.S.T. Tool 42 ft.

Remarks TOP - OIL
Chlorides - middle 114,000 PPM

INVOICE SECTION

Open Hole Test	\$ 410.00
Straddle Test	\$
Jars	\$ 175.00
Selective Zone	\$
Safety Joint	\$ 30.00
Misrun	\$
Evaluation	\$
Packer	\$
Circ. Sub.	\$
Total	\$ 615.00

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 J.W. Wahllberg Western Representative Joe N. Lucht
Signature of Customer or his Authorized Representative Operator's Time Thank You Hrs.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-10-77 Test Ticket No. 24815
 Recorder No. 2603 Capacity 4400 Location 4396 Ft.
 Block No. 5665 Elevation 1462 Kelly Bushing Well Temperature 134 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>2094</u> P.S.I.	Open Tool	<u>3:25AM</u>	
First Initial Flow Pressure	<u>261</u> P.S.I.	First Flow Pressure	<u>35</u> Mins.	<u>35</u> Mins.
First Final Flow Pressure	<u>328</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	60 Mins.
Initial Closed-in Pressure	<u>1416</u> P.S.I.	Second Flow Pressure	45 Mins.	<u>40</u> Mins.
Second Initial Flow Pressure	<u>355</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
Second Final Flow Pressure	<u>575</u> P.S.I.			
Final Closed-in Pressure	<u>1419</u> P.S.I.			
Final Hydrostatic Mud	<u>1980</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown:	<u>7</u> Inc.	Breakdown:	<u>22</u> Inc.	Breakdown:	<u>8</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 0	<u>261</u>	0	<u>328</u>	0	<u>355</u>	0	3140
P 2 5	<u>242</u>	3	<u>1006</u>	5	<u>372</u>	36	<u>1407</u>
P 3 10	<u>231</u>	6	<u>1401</u>	10	<u>396</u>	69	<u>1411</u>
P 4 15	<u>229</u>	9	<u>1410</u>	15	<u>428</u>	912	<u>1411</u>
P 5 20	<u>255</u>	12	<u>1410</u>	20	<u>463</u>	1215	<u>1411</u>
P 6 25	<u>268</u>	15	<u>1410</u>	25	<u>498</u>	1518	<u>1411</u>
P 7 30	<u>300</u>	18	<u>1411</u>	30	<u>530</u>	1821	<u>1416</u>
P 8 35	<u>328</u>	21	<u>1414</u>	35	<u>560</u>	2124	<u>1416</u>
P 9 40		24	<u>1414</u>	40	<u>575</u>	2427	<u>1416</u>
P10 45		27	<u>1414</u>	45		2730	<u>1416</u>
P11 50		30	<u>1414</u>	50		3033	<u>1416</u>
P12 55		33	<u>1416</u>	55		3336	<u>1416</u>
P13 60		36	<u>1416</u>	60		3639	<u>1416</u>
P14		39	<u>1416</u>	65		3942	<u>1416</u>
P15		42	<u>1416</u>	70		4245	
P16		45	<u>1416</u>	75		4548	
P17		48	<u>1416</u>	80		4851	
P18		51		85		5154	
P19		54		90		5457	
P20		57				5760	
		60				6063	

WTC - 4

Free

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GAS FLOW REPORT

Nº 695

Date 6-11-77, Ticket 24815 Company TEXAS OIL & GAS CORP.
Well Name and No. MARTIN well #1 Dst No. 2 Interval Tested 4389-4400
County BARBER State KANS. Sec. 22 Twp. 32S Rg. 10W.

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						
<i>Gas to surface in 5 min. 3 3/8</i>						
333A	10	46"	1" ORIFICE PLATE			175,000
338A	15	26"	"	"	"	132,000
343A	20	14"	"	"	"	97,000
348A	25	34"	3/4" ORIFICE PLATE			82,800
353A	30	30"	"	"	"	77,800
358A	35	26"	"	"	"	72,400
SECOND FLOW						
508A	10	34	3/4" ORIFICE PLATE			82,800
513A	15	32	"	"	"	80,300
518A	20	32	"	"	"	80,300
523A	25	20	"	"	"	53,500
528A	30	48	1/2" ORIFICE PLATE			48,400
533A	35	54	"	"	"	46,500 46,100
538A	40	46	"	"	"	42,500
543A	45	40	"	"	"	39,600

GAS BOTTLE

Serial No. 673 ⁶¹³ Date Bottle Filled 6-11-77 Date to be Invoiced 7-11-77

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 J W Dahler

Authorized by _____