WESTERN TESTING CO., INC.
FORMATION TESTING
TICKET 22255

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

Formation MARMATON Elevation KB 2096 Eff. Pay _____ Ft.

District PRATT Date 6-23-76 Customer Order No. _____

COMPANY NAME TEXAS OIL & GAS CORP

ADDRESS SUITE 450, 200 W. Douglas, Wichita, Ks

LEASE AND WELL NO. BOOTH #1B COUNTY KIOWA STATE KANSAS Sec. 20 Twp. 30S Rge. 12W

Mail Inv. To ~~Scott~~ Same as above No. Copies Requested _____
Co. Name Address

Mail Charts To See attach sheet No. Copies Requested 0
Address

Formation Test No. 1 O.K. _____ Misrun X Interval Tested From 4789 to 4806 Total Depth 4806

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

Top Packer Depth 4784 Ft. Size 6 3/4 Bottom Packer Depth 4789 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 17 Ft. Size 5½" O.D. Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4794 Ft. Clock No. 9912 Depth 4797 Ft. Clock No. 4713

Top Make KOSTER Cap. 4150 No. 2604 Inside Outside Bottom Make KOSTER Cap. 4200 No. 3354 Inside Outside

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

Time Set Packer 7:18 A.M.

Tool Open I.F.P. From 7:20 M. to 7:50 M. — Hr. 30 Min. From (B) Plugging action P.S.I. To (C) 146 305 P.S.I.

Tool Closed I.C.I.P. From 7:50 M. to 8:50 M. 1 Hr. — Min. (D) 1726 1742 P.S.I.

Tool Open F.F.P. From 8:50 M. to 9:35 M. — Hr. 45 Min. From (E) 106 Plugging action P.S.I. To (F) 106 100 P.S.I.

Tool Closed F.C.I.P. From 9:35 M. to 11:15 M. 1 Hr. 40 Min. (G) 1726 1718 P.S.I.

Initial Hydrostatic Pressure (A) 2337 2369 P.S.I. Final Hydrostatic Pressure (H) 2337 2362 P.S.I. Maximum Temp. 122

INFORMATION

BLOW WEAK BLOW THRU-OUT 1ST OPENING DECEASING SHGHTLY
VERY WEAK INTERMITTENT ON 2ND OPENING

Did Well Flow Yes X No Recovery Total Ft. 120 Ft. Drlg. Mud w/ Light Trace of oil spots.

Reversed Out Yes X No Mud Type SPIRAL Viscosity 50 Weight 9.2 Water Loss 12.8 cc. Chlorides 20,000

EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint YES Jars: Size 4½ O.D. In. Make W.T.C. Ser. No. 402

Dual Packers YES Did Packers Hold? YES Did Tool Plug? YES Where? ANCHOR

DRILLING CONTRACTOR EXPLOX Length Drill Pipe 4505 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 252 ft. I.D. Drill Collars 2¼ In.

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

Remarks SLIDE TOOL 13 ft. to BOTTOM
Chlorides check out at 23,000 PPM

INVOICE SECTION

Open Hole Test	$ _____
Straddle Test	$ _____
Jars	$ 165.00
Selective Zone	$ _____
Safety Joint	$ _____
Misrun	$ 150.00
Evaluation	$ _____
Packer	$ _____
Circ. Sub.	$ _____
Extra Copy at $5.00	$ 5.00
Total	$ 315.00

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.

JUN 28 1976

Test Approved By G. J. Montgomery Western Representative Bill Hagen
Signature of Customer or his Authorized Representative

Operator's Time _____ Hrs.

WESTERN TESTING CO., INC.
Pressure Data

e _____ Test Ticket No. 22255

order No. 2604 Capacity 4150 Location 4794 Ft.

k No. 9712 Elevation KB 2096 Well Temperature 122 °F

nt	Pressure			Time Given	Time Computed
Initial Hydrostatic Mud	2369	P.S.I.	Open Tool	7:18 AM	
First Initial Flow Pressure	plugging Action	P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
First Final Flow Pressure	305	P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
Initial Closed-in Pressure	1742	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
Second Initial Flow Pressure	plugging Action	P.S.I.	Final Closed-in Pressure	100 Mins.	102 Mins.
Second Final Flow Pressure	100	P.S.I.			
Final Closed-in Pressure	1718	P.S.I.			
Final Hydrostatic Mud	2362	P.S.I.			

PRESSURE BREAKDOWN

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

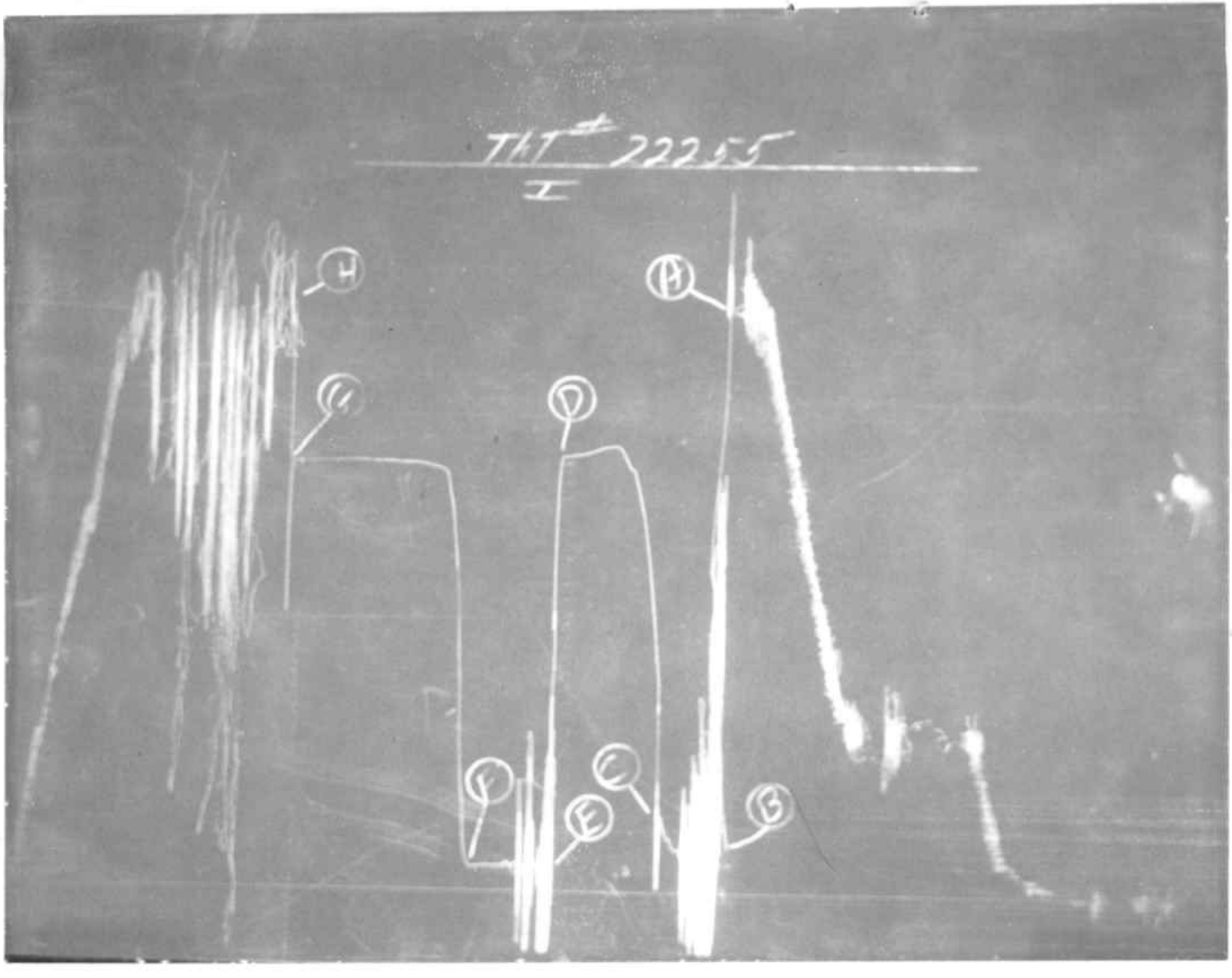
Initial Shut-In Breakdown: 20 Inc. of 3 mins. and a final inc. of 0 Min.

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

Final Shut-In Breakdown: 34 Inc. of 3 mins. and a final inc. of 0 Min.

int ns.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 0	plugging Action	0	305	0	plugging Action	0	100
2 5		3	523	5	100	3	151
3 10		6	949	10	96	6	399
4 15	PA	9	1190	15	96	9	701
5 20	~~plugging Action~~ 173	12	1416	20	112	12	1286
6 25	~~173~~ 218	15	1557	25	117	15	1544
7 30	~~218~~ 305	18	1658	30	102	18	1672
8 35		21	1694	35	107	21	1693
9 40		24	1737	40	102	24	1699
0 45 63	1726	27	1778	45	100	27	1705
1 50 66	1727	30	1786	50		30	1711
2 55 69	1725	33	1783	55		33	1715
3 60 72	~~1724~~ 1724	36	1779	60		36	1716
4 75	1723	39	1771	65		39	1716
5 78	1722	42	1763	70		42	1716
6 81	1721	45	1756	75		45	1718
7 84	1721	48	1752	80		48	1721
8 87	1721	51	1748	85		51	1721
9 90	1720	54	1746	90		54	1722
20 93	1718	57	1743			57	~~1722~~ 1724
WTC 96	1718		1742				
99	1718	60				60	

over


THT 22255
H
A
C
D
F
E
G

WESTERN TESTERS INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Texas Oil & Gas Corp. Lease & Well No. Booth #1-B

Elevation 2096 Kelly Bush. Formation Marmaton Effective Pay - Ft. Ticket No. 22255

Date 6-23-76 Sec. 20 Twp. 30S Range 17W County Kiowa State Kansas

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

Formation Test No. 1 O.K. - Misrun X Interval Tested From 4789' to 4806' Total Depth 4806'

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

Top Packer Depth 4784 Ft. Size 6 3/4 Bottom Packer Depth 4789 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 17 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 I

RECORDERS Depth 4794 Ft. Clock No. 9712 Depth 4797 Ft. Clock No. 4713

Top Make Kuster Cap. 4150 No. 2604 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 3354 Outsid

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

Time Set Packer 7:18 A. M

Tool Open I.F.P. From 7:20A. M. to 7:50A M. - Hr. 30 Min. From (B) Plugging Action P.S.I. To (C) 305 P.S.I

Tool Closed I.C.I.P. From 7:50A M. to 8:50A M. - Hr. 60 Min (D) 1742 P.S.I

Tool Open F.F.P. From 8:50A M. to 9:35A M. - Hr. 45 Min. From (E) Plugging Action P.S.I. To (F) 100 P.S.I

Tool Closed F.C.I.P. From 9:35A M. to 11:15A M. 1 Hr. 40 Min. (G) 1718 P.S.I

Initial Hydrostatic Pressure (A) 2369 P.S.I. Final Hydrostatic Pressure (H) 2362 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Weak blow, decreasing slightly, during initial flow period. Very weak intermittently on final flow period.

Did Well Flow - Yes X No Recovery Total Ft. 120' of drilling mud with light trace of oil spots.

Reversed Out - Yes X No Mud Type Starch Viscosity 50 Weight 9.2 Water Loss 12.8 cc. Chlorides 20,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4½OD In. Make WTC Ser. No. 402

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

DRILLING CONTRACTOR EXPLOR Drlg. Length Drill Pipe? 4505 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 252 Ft. I.D. Drill Collars 2.25 In.

Tool Joint Size 4½XH In. Length D.S.T. Tool 49 Ft.

Remarks: Slid tool 13' to bottom. Chlorides checked: 23,000 P.P.M.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-23-76 Test Ticket No. 22255

Recorder No. 2604 Capacity 4150 Location 4794 Ft

Clock No. 9712 Elevation 2096 Kelly Bushing Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2369	P.S.I.	Open Tool	7:18 A. M	
B	First Initial Flow Pressure	Plugging Action	P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C	First Final Flow Pressure	305	P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins
D	Initial Closed-in Pressure	1742	P.S.I.	Second Flow Pressure	45 Mins.	45 Mins
E	Second Initial Flow Pressure	Plugging Action	P.S.I.	Final Closed-in Pressure	100 Mins.	102 Mins
F	Second Final Flow Pressure	100	P.S.I.			
G	Final Closed-in Pressure	1718	P.S.I.			
H	Final Hydrostatic Mud	2362	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	Plugging Action
P 2	5	Plugging Action
P 3	10	Plugging Action
P 4	15	Plugging Action
P 5	20	173
P 6	25	218
P 7	30	305
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	305
3	523
6	949
9	1190
12	1416
15	1557
18	1658
21	1694
24	1737
27	1778
30	1786
33	1783
36	1779
39	1771
42	1763
45	1756
48	1752
51	1748
54	1746
57	1743
60	1742

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

Point Minutes	Press.
0	Plugging Action
5	100
10	96
15	96
20	112
25	117
30	102
35	107
40	102
45	100

Final Shut-In
Breakdown: 34 Inc.
of 3 mins. and a
final inc. of 2 Min.

Point Minutes	Press.
0	100
3	151
6	399
9	701
12	1286
15	1544
18	1672
21	1693
24	1699
27	1705
30	1711
33	1715
36	1716
39	1716
42	1716
45	1718
48	1721
51	1721
54	1722
57	1722
60	1724

Cont'd on next page

WESTERN TESTING CO., INC.
Pressure Data

Date 6-23-76 Test Ticket No. 22255

Recorder No. 2604 Capacity 4 150 Location 4794 Ft

Clock No. 9712 Elevation 2096 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2369 P.S.I.	Open Tool	7:18 A. M	
B First Initial Flow Pressure	Plugging Action P.S.I.	First Flow Pressure	30 Mins.	30 Mins
C First Final Flow Pressure	305 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins
D Initial Closed-in Pressure	1742 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins
E Second Initial Flow Pressure	Plugging Action P.S.I.	Final Closed-in Pressure	100 Mins.	102 Mins
F Second Final Flow Pressure	100 P.S.I.			
G Final Closed-in Pressure	1718 P.S.I.			
H Final Hydrostatic Mud	2362 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: 34 Inc.	
of ____ mins. and a		of ____ mins. and a		of ____ mins. and a		of 3 mins. and a	
final inc. of ____ Min.		final inc. of ____ Min.		final inc. of ____ Min.		final inc. of 2 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1726
P 2						66	1727
P 3						69	1725
P 4						72	1724
P 5						75	1723
P 6						78	1722
P 7						81	1721
P 8						84	1721
P 9						87	1721
P10						90	1720
P11						93	1718
P12						96	1718
P13						99	1718
P14						102	1718
P15							
P16							
P17							
P18							
P19							
P20							

WESTERN TESTERS

P. O. BOX 793 PHONE 793-7903

GREAT BEND, KANSAS

WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET 22256

Formation MARMATON Elevation KB 2096 Eff. Pay _____ Ft.

District PRATT Date 6-24-76 Customer Order No. _____

COMPANY NAME TEXAS OIL & GAS CORP.

ADDRESS SUITE 450, 200 W. DOUGLAS, WICHITA, KS.

LEASE AND WELL NO. BOOTH #1 B COUNTY KIOWA STATE KANSAS Sec 20 Twp 30S Rge 17W

Mail Inv. To SAME AS ABOVE No. Copies Requested _____
Co. Name Address

Mail Charts To SEE ATTACH SHEET No. Copies Requested _____
Address

Formation Test No. 2 O.K. X Misrun — Interval Tested From 4791 to 4816 Total Depth 4816

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

Top Packer Depth 4786 Ft. Size 6 3/4 Bottom Packer Depth 4791 Ft. Size 6 3/4

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

Tool Size 5 1/2" O.D. Tool Joint Size 4 1/2 F.H. Anchor Length 25 Ft. Size 5 1/2 O.D. Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4796 Ft. Clock No. 8474 Depth 4799 Ft. Clock No. 4713

Top Make KOSTER Cap. 4150 No. 2604 Inside Outside Bottom Make KUSTER Cap. 4200 No. 3354 Inside Outside

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

Time Set Packer 2:18 A.M.

Tool Open I.F.P. From 2:20 A M. to 2:50 M. — Hr. 30 Min. From (B) 53 60 P.S.I. To (C) 63 50 P.S.I.

Tool Closed I.C.I.P. From 2:50 M. to 3:50 M. 1 Hr. — Min. (D) 1579 1586 P.S.I.

Tool Open F.F.P. From 3:50 M. to 5:20 M. 1 Hr. 30 Min. From (E) 63 68 P.S.I. To (F) 85 91 P.S.I.

Tool Closed F.C.I.P. From 5:20 M. to 9:05 M. 3 Hr. 45 Min. (G) 1632 1660 P.S.I.

Initial Hydrostatic Pressure (A) 2369 2384 P.S.I. Final Hydrostatic Pressure (H) 2369 2381 P.S.I. Maximum Temp. 122

INFORMATION

BLOW GOOD BLOW THRU-OUT TEST

GAS TO SURFACE 30 MINUTES ON FINAL SHUT IN

Did Well Flow Yes X No Recovery Total Ft. 180' 90 ft. Clean Oil -

30 ft. MUD CUT OIL 60' OIL CUT MUDDY WATER

Reversed Out Yes X No Mud Type DRI PAC Viscosity 51 Weight 9 Water Loss 12.8 cc. Chlorides 20,000

EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint YES Jars: Size 4 1/2 O.D. In. Make W.T.C. Ser. No 402

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

DRILLING CONTRACTOR EXPLOX Length Drill Pipe 4507 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 252 ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 X H In. Length D.S.T. Tool 57 ft.

Remarks 40° Gravity

INVOICE SECTION

Open Hole Test	$390 00
Straddle Test	$ —
Jars	$165 00
Selective Zone	$ —
Safety Joint	$30 00
Misrun	$ —
Evaluation	$ —
Packer	$ —
Circ. Sub.	$ —
	$ —
Total	$585 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. Mangus Western Representative Bill Hagen
Signature of Customer or his Authorized Representative

Operator's Time _____ Hrs.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-24-76 Test Ticket No. 22256

Recorder No. 2604 Capacity 4150 Location 4796 F

Clock No. 8474 Elevation 2096 K.B Well Temperature 122

Point	Pressure			Time Given	Time Computed
Initial Hydrostatic Mud	2384 P.S.I.	Open Tool		2:18A M	
First Initial Flow Pressure	60 P.S.I.	First Flow Pressure		30 Mins.	30 Min
First Final Flow Pressure	50 P.S.I.	Initial Closed-in Pressure		60 Mins.	57 Min
Initial Closed-in Pressure	1586 P.S.I.	Second Flow Pressure		90 Mins.	90 Min
Second Initial Flow Pressure	68 P.S.I.	Final Closed-in Pressure		225 Mins.	222 Min
Second Final Flow Pressure	91 P.S.I.				
Final Closed-in Pressure	1660 P.S.I.				
Final Hydrostatic Mud	2381 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	60
P 2	5	47
P 3	10	48
P 4	15	49
P 5	20	49
P 6	25	50
P 7	30	50
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: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	50
	3	111
	6	194
	9	286
	12	384
	15	502
	18	602
	21	707
	24	826
	27	951
	30	1063
	33	1173
	36	1270
	39	1349
	42	1414
	45	1466
	48	1506
	51	1538
	54	1565
	57	1586

Second Flow Pressure
Breakdown: 18 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Minutes	Press.
	0	68
	5	62
	10	63
	15	64
	20	66
	25	68
	30	70
	35	71
	40	72
	45	74
	50	77
	55	79
	60	81
	65	83
	70	85
	75	87
	80	89
	85	90
	90	91

Final Shut-In
Breakdown: 74 Inc. of 3 mins. and a final inc. of 0 Min.

T=90 Δt

Point	Minutes	Δt	Press.	
	0		91	
	3	93	149	
	6	96	277	
	9	99	414	
	12	102	554	
	15	105	696	
	18	108	826	
	21	111	956	
	24	114	1079	
	27	117	1190	4.3
	30	120	1282	4.6
	33	123	1353	3.7
	36	126	1408	3.
	39	129	1445	3.
	42	132	1479	3.4
	45	135	1502	3.
	48	138	1519	2.8
	51	141	1537	2.8
	54	144	1553	2.6
	57	147	1565	2.5
	60	150	1574	2.3

OVER

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. _____

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.
P 1						63 153	1584 2.43
P 2						66 156	1592 2.36
P 3						69 159	1599 2.30
P 4						72 162	1605 2.25
P 5						75 165	1611 2.20
P 6						78 168	1616 2.15
P 7						81 171	1620 2.11
P 8						84 174	1622 2.07
P 9						87 177	1626 2.03
P10						90 180	1628 2
P11						93 183	1630 1.97
P12						96 186	1634 1.94
P13						99 189	1634 1.9
P14						102 192	1637 1.88
P15						105 195	1639 1.86
P16						108 198	1640 1.83
P17						111 201	1640 1.81
P18						114 204	1641 1.79
P19						117 207	1641 1.77
P20						120 210	1642 1.75

OVER

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. _____

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.
P 1						123	1642
P 2						126	1643
P 3						129	1643
P 4						132	1644
P 5						135	1644
P 6						138	1645
P 7						141	1646
P 8						144	1646
P 9						147	1647
P10						150 240	1647 1.60
P11						153	1648
P12						156	1648
P13						159	1649
P14						162	1649
P15						165	1650
P16						168	1650
P17						171	1651
P18						174	1651
P19						177	1652
P20						180 270	1652 1.5

OVER

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. _____

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

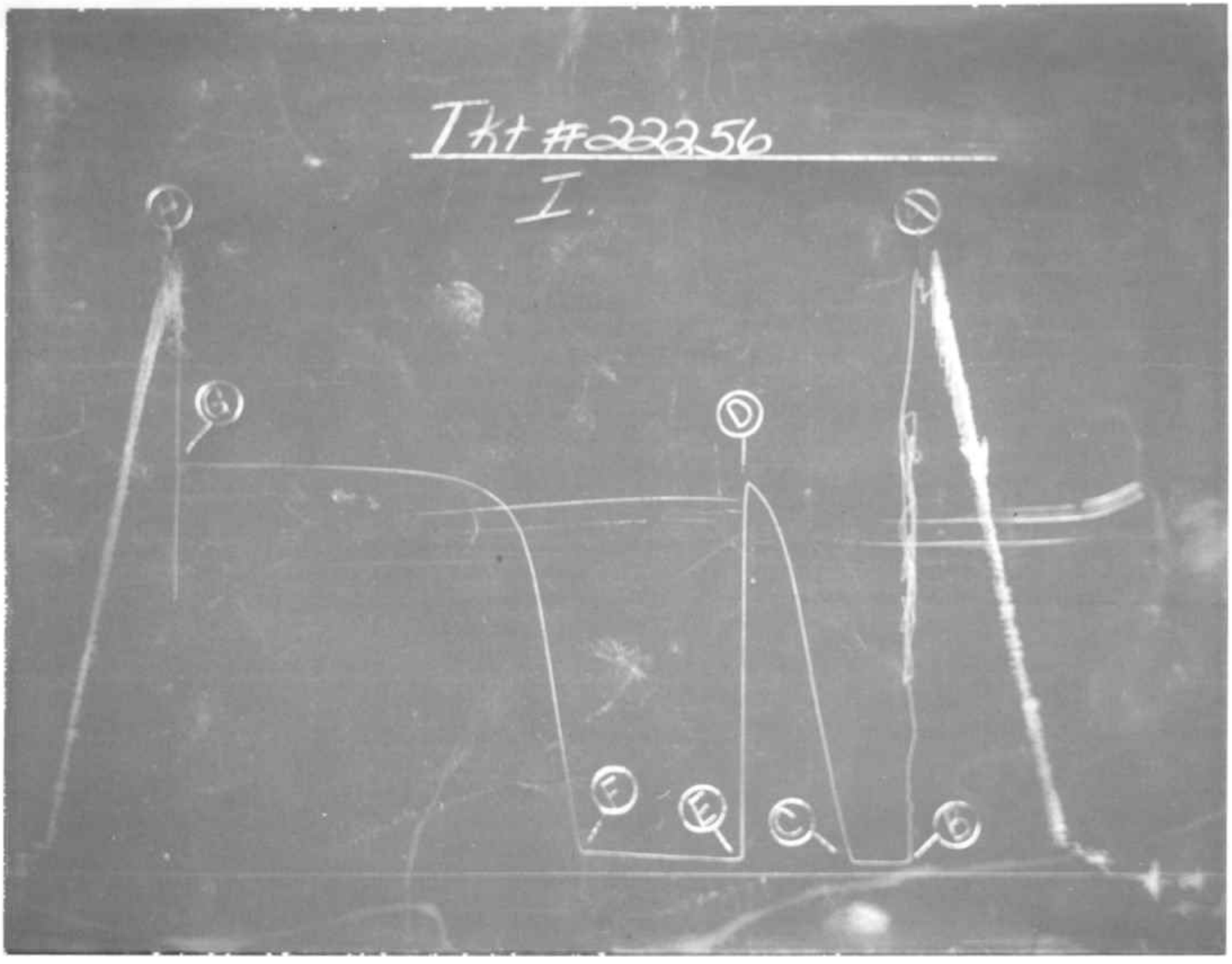
First Flow Pressure
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

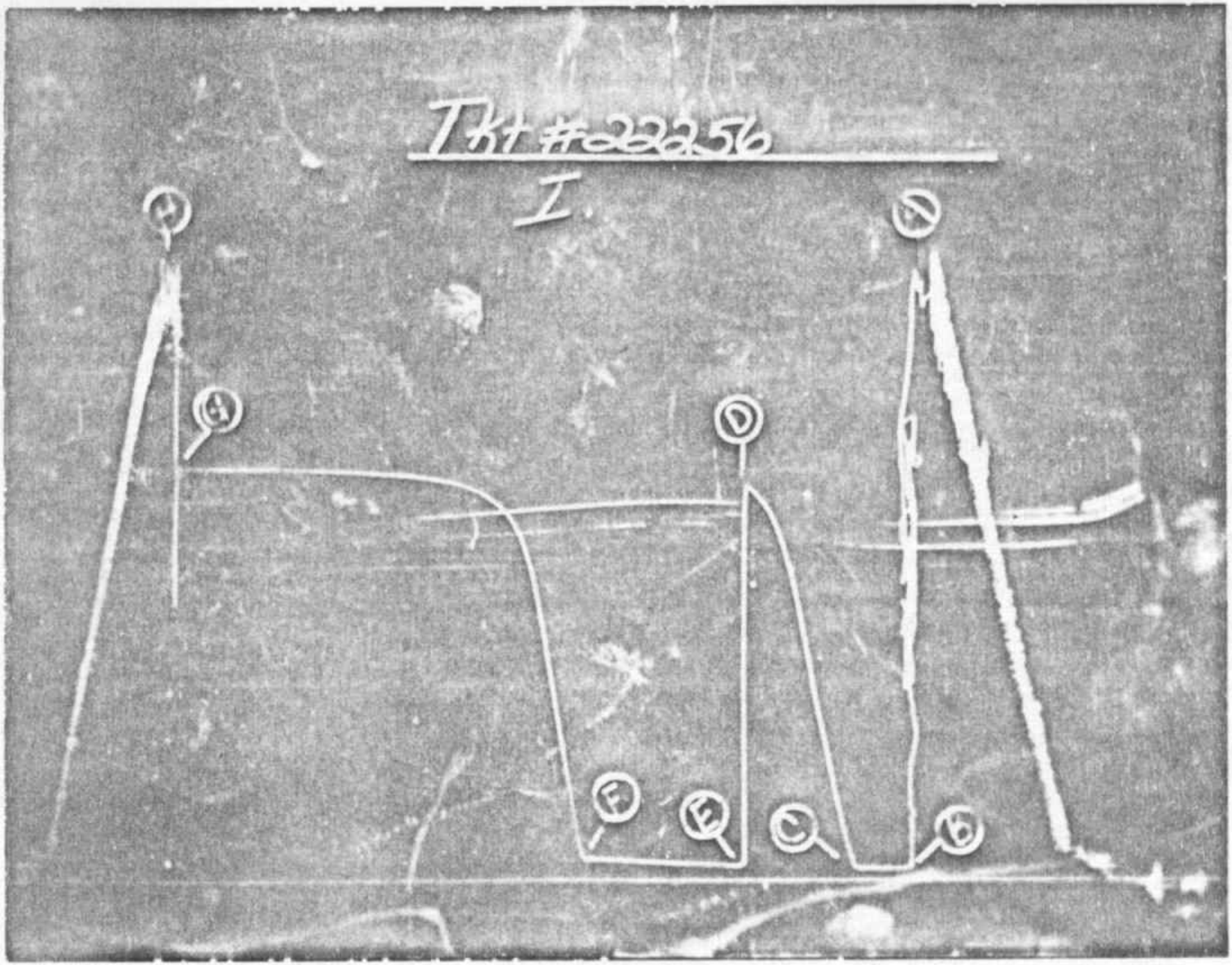
Initial Shut-In
Breakdown: _____ Inc.
of _____ mins. and a
final inc. of _____ Min.

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

Final Shut-In
Breakdown: 74 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						183	1653
P 2						186	1653
P 3						189	1654
P 4						192	1655
P 5						195	1655
P 6						198	1656
P 7						201 (29)	1656 (1.45)
P 8						204	1656
P 9						207	1657
P10						210	1657
P11						213	1658
P12						216	1659
P13						219	1659
P14						222 (3) (2)	1660 (1.41)
P15						225	
P16							
P17							
P18							
P19							
P20							


Tkt #22256
I.
A
G
D
F
E
C
B


Tkt #22256
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WESTERN TESTERS INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Texas Oil & Gas Corp. Lease & Well No. Booth #1-B

Elevation 2096 Kelly Bush. Formation Marmaton Effective Pay - Ft. Ticket No. 22256

Date 6-24-76 Sec. 20 Twp. 30S Range 17W County Kiowa State Kansas

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

Formation Test No. 2 O.K. X Misrun - Interval Tested From 4791' to 4816' Total Depth 4816'

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

Top Packer Depth 4786 Ft. Size 6 3/4 Bottom Packer Depth 4791 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 25 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4796 Ft. Clock No. 8474 Depth 4799 Ft. Clock No. 4713

Top Make Kuster Cap. 4150 No. 2604 Inside ~~Outside~~ Bottom Make Kuster Cap. 4200 No. 3354 ~~Inside~~ Outside

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

Time Set Packer 2:18 A. M

Tool Open I.F.P. From 2:20A M. to 2:50A M. - Hr. 30 Min. From (B) 60 P.S.I. To (C) 50 P.S.I.

Tool Closed I.C.I.P. From 2:50A M. to 3:50A M. - Hr. 60 Min (D) 1586 P.S.I.

Tool Open F.F.P. From 3:50A M. to 5:20A M. 1 Hr. 30 Min. From (E) 68 P.S.I. To (F) 91 P.S.I.

Tool Closed F.C.I.P. From 5:20A M. to 9:05A M. 3 Hr. 45 Min. (G) 1660 P.S.I.

Initial Hydrostatic Pressure (A) 2384 P.S.I. Final Hydrostatic Pressure (H) 2381 P.S.I. Maximum Temp. 122

INFORMATION

BLOW Good blow throughout test. Gas to surface in 30 minutes on final flow period.

Did Well Flow - Yes X No Recovery Total Ft. 180' of total fluid recovery. 90' of clean oil, 30' of mud cut oil, 60' of oil cut muddy water.-

Reversed Out - Yes X No Mud Type Starch Viscosity 51 Weight 9.0 Water Loss 12.8 cc. Chlorides 20,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4½OD In. Make WTC Ser. No. 402

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

DRILLING CONTRACTOR EXPLOR DRLG. Length Drill Pipe? 4507 Ft. I.D. Drill Pipe 3 In. Tool Joint Size 4FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 252 Ft. I.D. Drill Collars 2 ¼ In.

Tool Joint Size 4½XH In. Length D.S.T. Tool 57 Ft.

Remarks: 40 degrees gravity.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-24-76 Test Ticket No. 22256

Recorder No. 2604 Capacity 4150 Location 4796 Ft.

Clock No. 8474 Elevation 2096 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2384 P.S.I.	Open Tool	2:18 A. M	
B First Initial Flow Pressure	60 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	50 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D Initial Closed-in Pressure	1586 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	68 P.S.I.	Final Closed-in Pressure	225 Mins.	222 Mins.
F Second Final Flow Pressure	91 P.S.I.			
G Final Closed-in Pressure	1660 P.S.I.			
H Final Hydrostatic Mud	2381 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	60
P 2 5	47
P 3 10	48
P 4 15	49
P 5 20	49
P 6 25	50
P 7 30	50
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	50
3	111
6	194
9	286
12	384
15	502
18	602
21	707
24	826
27	951
30	1063
33	1173
36	1270
39	1349
42	1414
45	1466
48	1506
51	1538
54	1565
57	1586

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	68
5	62
10	63
15	64
20	66
25	68
30	70
35	71
40	72
45	74
50	77
55	79
60	81
65	83
70	85
75	87
80	89
85	90
90	91

Final Shut-In
Breakdown: 74 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	91
3	149
6	277
9	414
12	554
15	696
18	826
21	956
24	1079
27	1190
30	1282
33	1353
36	1408
39	1445
42	1479
45	1502
48	1519
51	1537
54	1553
57	1565
60	1574

WESTERN TESTING CO., INC.
Pressure Data

Date 6-24-76 Test Ticket No. 22256

Recorder No. 2604 Capacity 4150 Location 4796 Ft.

Clock No. 8474 Elevation 2096 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	2384 P.S.I.	Open Tool	2:18 A. M	
First Initial Flow Pressure	60 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
First Final Flow Pressure	50 P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
Initial Closed-in Pressure	1586 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
Second Initial Flow Pressure	68 P.S.I.	Final Closed-in Pressure	225 Mins.	222 Mins.
Second Final Flow Pressure	91 P.S.I.			
Final Closed-in Pressure	1660 P.S.I.			
Final Hydrostatic Mud	2381 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: 19 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 18 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 74 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1						63	1584
2						66	1592
3						69	1599
4						72	1605
5						75	1611
6						78	1616
7						81	1620
8						84	1622
9						87	1626
10						90	1628
11						93	1630
12						96	1632
13						99	1634
14						102	1637
15						105	1639
16						108	1640
17						111	1641
18						114	1641
19						117	1641
20						120	1642

Cont'd on next page

WESTERN TESTING CO., INC.
FORMATION TESTING
TICKET 22257

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

Formation MISS Elevation KB 2096 Eff. Pay _____ Ft.

District PRATT Date 6-25-76 Customer Order No. _____

COMPANY NAME TEXAS OIL & GAS CORP.

ADDRESS SUITE 4500 200 W. DOUGLAS WICHITA, KS

LEASE AND WELL NO BOOTH #1-B COUNTY KIOWA STATE KANSAS Sec. 20 Twp. 30S Rge. 17W

Mail Inv. To SAME AS ABOVE No. Copies Requested 6
Co. Name Address

Mail Charts To _____ No. Copies Requested _____
Address

Formation Test No. 3 O.K. X Misrun _____ Interval Tested From 4932 to 4957 Total Depth 4957

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

Top Packer Depth 4927 Ft. Size 6 3/4 Bottom Packer Depth 4932 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 25 Ft. Size 5½ O.D. Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4937 Ft. Clock No. 8474 Depth 4940 Ft. Clock No. 4713

Top Make KUSTER Cap. 4150R No. 2604 Inside ~~Outside~~ Bottom Make KUSTER Cap. 4200 No. 3354 ~~Inside~~ Outside

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

Time Set Packer 9:18 A.M

Tool Open I.F.P. From 9:20 M. to 9:50 M. Hr. 30 Min. From (B) 31 47 P.S.I. To (C) 31 36 P.S.I.

Tool Closed I.C.I.P. From 9:50 M. to 10:50 M. 1 Hr. — Min. (D) 234 270 P.S.I.

Tool Open F.F.P. From 10:50 M. to 11:35 M. Hr. 45 Min. From (E) 42 51 P.S.I. To (F) 42 40 P.S.I.

Tool Closed F.C.I.P. From 11:35 M. to 1:05 M. 1 Hr. 30 Min. (G) 34 339 P.S.I.

Initial Hydrostatic Pressure (A) 2443 2422 P.S.I. Final Hydrostatic Pressure (H) 2443 2407 P.S.I. Maximum Temp. 124

INFORMATION

BLOW GOOD BLOW THRU-OUT TEST

Did Well Flow ___ Yes X No Recovery Total Ft. 65 ft. very slightly gas cut mud

Reversed Out ___ Yes X No Mud Type DRI PAC Viscosity 44 Weight 9.0 Water Loss 16 cc. Chlorides 22,000

EXTRA EQUIPMENT: Type Circ. Sub. PIN Safety Joint YES Jars: Size 4½ O.D. In. Make W.T.C. Ser. No. 402

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

DRILLING CONTRACTOR EXPLO X Length Drill Pipe 4648 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 252 ft. I.D. Drill Collars 2¼ In.

Tool Joint Size 4½ X.H. In. Length D.S.T. Tool 57 ft.

Remarks

SLID TOOL 3 FT. TO BOTTOM

DISC 1180

INVOICE SECTION

Open Hole Test	$ 390 00
Straddle Test	$ _____
Jars	$ 165 00
Selective Zone	$ _____
Safety Joint	$ 30 00
Misrun	$ _____
Evaluation	$ _____
Packer	$ _____
Circ. Sub.	$ _____
	$ 5 00
	$ ~~5 40~~
Total	$ ~~585~~ 590.00

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.

One extra copy

Test Approved By _____ Western Representative _____
Signature of Customer or his Authorized Representative

Operator's Time 5.90 Hrs.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-25-76 Test Ticket No. 22257

Order No. 2604 Capacity 4150 Location 4937 Ft.

Rig No. CH74 Elevation 2096 KB Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	2422 P.S.I.	Open Tool	9:18 AM	
First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
Initial Closed-in Pressure	270 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
Second Initial Flow Pressure	51 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
Second Final Flow Pressure	40 P.S.I.			
Final Closed-in Pressure	339 P.S.I.			
Final Hydrostatic Mud	2407 P.S.I.			

PRESSURE BREAKDOWN

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

Point	Minutes	Press.
1	0	47
2	5	43
3	10	38
4	15	37
5	20	36
6	25	36
7	30	36
8	~~35~~	
9	40 63	267
10	45 66	276
11	50 69	286
12	55 72	298
13	60 75	306
14	78	314
15	81	324
16	84	331
17	87	339
P18	~~90~~	
P19		
P20		

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

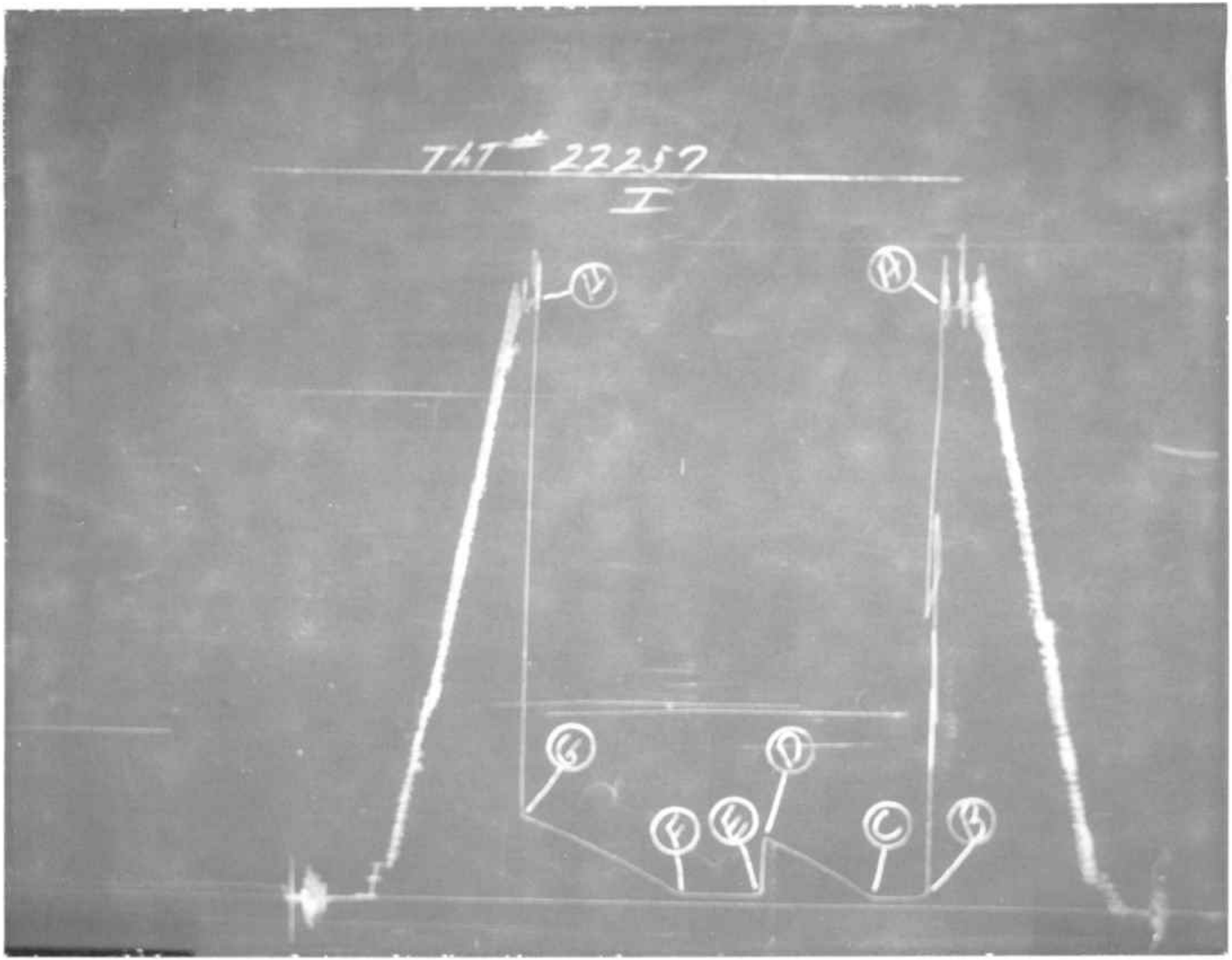
Point Minutes	Press.
0	36
3	46
6	59
9	75
12	89
15	104
18	117
21	130
24	141
27	152
30	164
33	178
36	191
39	203
42	212
45	223
48	234
51	243
54	254
57	265
60	270

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

Point Minutes	Press.
0	51
5	43
10	40
15	39
20	39
25	40
30	40
35	↓
40	↓
45	40
50	
55	
60	
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 29 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	40
3	45
6	55
9	69
12	83
15	95
18	106
21	117
24	131
27	142
30	154
33	166
36	177
39	187
42	196
45	207
48	217
51	227
54	238
57	247
60	258


TAT 22257
I
A
B
C
D
E
F
G

WESTERN TESTERS INC.

P. O. Box 1599
Wichita, Kansas 67201

Company Texas Oil & Gas Corp. Lease & Well No. Booth #1-B

Elevation 2096 Kelly Bush. Formation Mississippi Effective Pay - Ft. Ticket No. 22257

Date 6-25-76 Sec. 20 Twp. 30S Range 17W County Kiowa State Kansas

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

Formation Test No. 3 O.K. X Misrun - Interval Tested From 4932' to 4957' Total Depth 4957'

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

Top Packer Depth 4927 Ft. Size 6 3/4 Bottom Packer Depth 4932 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 25 Ft. Size 5½OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In

RECORDERS Depth 4937 Ft. Clock No. 8474 Depth 4940 Ft. Clock No. 4713

Top Make Kuster Cap. 4150 No. 2604 ~~Outside~~ Inside Bottom Make Kuster Cap. 4200 No. 3354 ~~Inside~~ Outside

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

Time Set Packer 9:18 A. M

Tool Open I.F.P. From 9:20A. M. to 9:50A M. - Hr. 30 Min. From (B) 47 P.S.I. To (C) 36 P.S.I

Tool Closed I.C.I.P. From 9:50 M. to 10:50A M. - Hr. 60 Min (D) 270 P.S.I

Tool Open F.F.P. From 10:50A M. to 11:35A M. - Hr. 45 Min. From (E) 51 P.S.I. To (F) 40 P.S.I

Tool Closed F.C.I.P. From 11:35 M. to 1:05P M. - Hr. 90 Min. (G) 339 P.S.I

Initial Hydrostatic Pressure (A) 2422 P.S.I. Final Hydrostatic Pressure (H) 2407 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Good blow throughout test.

Did Well Flow - Yes X No Recovery Total Ft. 65' of very slightly gas cut mud

Reversed Out - Yes X No Mud Type Starch Viscosity 44 Weight 9.0 Water Loss 16.0 cc. Chlorides 22,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4½OD D In. Make WTC Ser. No. 402

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

DRILLING CONTRACTOR EXPLOR Drlg. Length Drill Pipe? 4648 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 FH In

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 252 Ft. I.D. Drill Collars 2.25 In

Tool Joint Size 4½XH In. Length D.S.T. Tool 57 Ft.

Remarks: Slid tool 3' to bottom.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-25-76 Test Ticket No. 22257

Recorder No. 2604 Capacity 4150 Location 4937 Ft.

Clock No. 8474 Elevation 2096 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2422 P.S.I.	Open Tool	9:18 A. M	
B First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	270 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	51 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	40 P.S.I.			
G Final Closed-in Pressure	339 P.S.I.			
H Final Hydrostatic Mud	2407 P.S.I.			

PRESSURE BREAKDOWN

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

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

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

Final Shut-In
Breakdown: 29 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	267
P 2						66	276
P 3						69	286
P 4						72	298
P 5						75	306
P 6						78	314
P 7						81	324
P 8						84	331
P 9						87	339
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

WESTERN TESTING CO., INC.
Pressure Data

Date 6-25-76 Test Ticket No. 22257

Recorder No. 2604 Capacity 4150 Location 4937 Ft.

Clock No. 8474 Elevation 2096 Kelly Bushing Well Temperature 124 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2422 P.S.I.	Open Tool	9:18 a M	
B First Initial Flow Pressure	47 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	36 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	270 P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure	51 P.S.I.	Final Closed-in Pressure	90 Mins.	87 Mins.
F Second Final Flow Pressure	40 P.S.I.			
G Final Closed-in Pressure	339 P.S.I.			
H Final Hydrostatic Mud	2407 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	47
P 2 5	43
P 3 10	38
P 4 15	37
P 5 20	36
P 6 25	36
P 7 30	36
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	36
3	46
6	59
9	75
12	89
15	104
18	117
21	130
24	141
27	152
30	164
33	178
36	191
39	203
42	212
45	223
48	234
51	243
54	254
57	265
60	270

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

Point Minutes	Press.
0	51
5	43
10	40
15	39
20	39
25	40
30	40
35	40
40	40
45	40

Final Shut-In
Breakdown: 29 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	40
3	45
6	55
9	69
12	83
15	95
18	106
21	117
24	131
27	142
30	154
33	166
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