Home Office: Wichita, Kansas 67201

P. O. Box 1599 (316) 838-0601

Company K. R. M. PETROLEUM CORPORATION Lease & Well No. ROBBINS #1

Elevation -- Formation Topeka Effective Pay ------- Ft. Ticket No. 22927

Date 8/25/78 Sec. 6 Twp. 32S Range 19W County Commanche State Kansas

Test Approved by J. Copeland Landes Western Representative Ricky L. Bowman

Formation Test No. 1 O.K. Misrun Interval Tested From 4052' to 4102' Total Depth 4102'

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

Top Packer Depth 4047 Ft. Size 6 3/4 Bottom Packer Depth 4052 Ft. Size 6 3/4

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

Tool Size 5½ Tool Joint Size 4½FH Anchor Length 50 Ft. Size 5½ Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4063 Ft. Clock No. 10167 Depth 4060 Ft. Clock No.

Top Make Kuster Cap. 4000 No. 3660 Inside Outside Bottom Make Kuster Cap. 3150 No. 1560 Inside Outside

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

Time Set Packer 10:30 AM

Tool Open I.F.P. From 10:30A M. to 11:00A M. - Hr. 30 Min. From (B) 97 P.S.I. To (C) 60 P.S.I.

Tool Closed I.C.I.P. From M. to 11:30A M. - Hr. 30 Min (D) 64 P.S.I.

Tool Open F.F.P. From 1130A M. to 12:00P M. - Hr. 30 Min. From (E) 62 P.S.I. To (F) 61 P.S.I.

Tool Closed F.C.I.P. From 12:00P M. to 12:30P M. - Hr. 30 Min. (G) 66 P.S.I.

Initial Hydrostatic Pressure (A) 2032 P.S.I. Final Hydrostatic Pressure (H) 2002 P.S.I. Maximum Temp. 108

INFORMATION

BLOW Very weak; dead in ten minutes.

Did Well Flow Yes X No Recovery Total Ft. 75' drilling mud

Reversed Out Yes X No Mud Type premix Viscosity 43 Weight 9.3 Water Loss NC cc. Chlorides 27,000

EXTRA EQUIPMENT: Type Circ. Sub. Safety Joint Jars: Size In. Make Ser. No.

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

DRILLING CONTRACTOR Xplor Drilling, Inc. Length Drill Pipe? 3542 Ft. I.D. Drill Pipe 4 In. Tool Joint Size 4 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 560 Ft. I.D. Drill Collars 5½ In.

Tool Joint Size 4½XH In. Length D.S.T. Tool 71 Ft.

Remarks:

Flushed tool on Final flow period.

WESTERN TESTING CO., INC.

Pressure Data

Date 8/25/78 Test Ticket No. 22927

Recorder No. 3660 Capacity 4000 Location 4063 Ft.

Clock No. 10167 Elevation -- Well Temperature 108 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2032 P.S.I.		Open Tool	10:30A M	
B	First Initial Flow Pressure	97 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	60 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	64 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	62 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	61 P.S.I.				
G	Final Closed-in Pressure	66 P.S.I.				
H	Final Hydrostatic Mud	2002 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	97
P 2 5	69
P 3 10	63
P 4 15	62
P 5 20	62
P 6 25	62
P 7 30	60
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	60
3	60
6	59
9	58
12	58
15	59
18	59
21	60
24	61
27	62
30	64

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

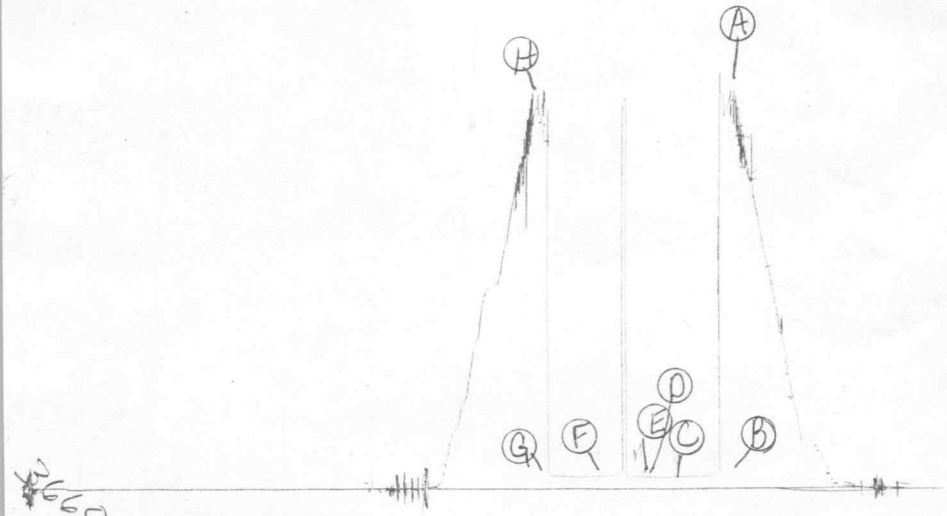
Point Minutes	Press.
0	62
5	58
10	94
15	68
20	63
25	62
30	61

Flushed tool

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	61
3	60
6	60
9	60
12	60
15	61
18	64
21	65
24	65
27	66
30	66

RT#22927
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WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Company K. R. M. Petroleum Corporation — Lease & Well No. Robbins #1

Elevation -- — Formation -- — Effective Pay -- Ft. — Ticket No. 521

Date 8/26/78 — Sec. 6 — Twp. 32S — Range 19W — County Commanche — State Kansas

Test Approved by J. Copeland Landes — Western Representative Jim Wondra

Formation Test No. 2 — Interval Tested from 4133' ft. to 4206' ft. — Total Depth 4206' ft.

Packer Depth 4128' ft. — Size 6 3/4 in. — Packer Depth -- ft. — Size -- in.

Packer Depth 4133' ft. — Size 6 3/4 in. — Packer Depth -- ft. — Size -- in.

Depth of Selective Zone Set ----

Top Recorder Depth (Inside) 4164 ft. — Recorder Number 2607 — Cap. 4150

Bottom Recorder Depth (Outside) 4167 ft. — Recorder Number 3551 — Cap. 4000

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

Drilling Contractor

Mud Type premix-drispac — Viscosity 43

Weight 9.2 — Water Loss NC cc.

Chlorides 18,000 P.P.M.

Jars: Make WTC — Serial Number 410

Did Well Flow? No — Reversed Out No

Drill Collar Length 568 — I. D. 2¼ in.

Weight Pipe Length -- — I. D. -- in.

Drill Pipe Length 3539' — I. D. 3.8 in.

Test Tool Size 5½OD in. — Tool Joint Size 4½FH in.

Anchor Length 73 ft. — Size 5½OD in.

Surface Choke Size 3/4 in. — Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in.

Blow: Weak to strong blow on first flow period.

Weak to strong blow on second flow period.

Recovered 120 ft. of thin mud

Recovered 180 ft. of muddy water

Recovered 265 ft. of salt water (Chlorides 83,500 PPM)

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:15 A.M. ~~P.M.~~ — Time Started Off Bottom 8:45 A.M. ~~P.M.~~ — Maximum Temperature 117

Initial Hydrostatic Pressure ..... (A) 2072 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 112 P.S.I. to (C) 229 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1529 P.S.I.

Final Flow Period ..... Minutes 30 (E) 296 P.S.I. to (F) 356 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 1525 P.S.I.

Final Hydrostatic Pressure ..... (H) 2055 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 8/26/78 Test Ticket No. 521

Recorder No. 2607 Capacity 4150 Location 4164 Ft.

Clock No. -- Elevation -- Well Temperature 117 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2072 P.S.I.		Open Tool	6:15A M	
B	First Initial Flow Pressure	112 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	229 P.S.I.		Initial Closed-in Pressure	45 Mins.	48 Mins.
D	Initial Closed-in Pressure	1529 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	296 P.S.I.		Final Closed-in Pressure	45 Mins.	60 Mins.
F	Second Final Flow Pressure	356 P.S.I.				
G	Final Closed-in Pressure	1525 P.S.I.				
H	Final Hydrostatic Mud	2055 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	112
P 2 5	140
P 3 10	140
P 4 15	157
P 5 20	176
P 6 25	203
P 7 30	229
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	229
3	812
6	1119
9	1249
12	1320
15	1366
18	1397
21	1422
24	1443
27	1460
30	1475
33	1487
36	1500
39	1506
42	1515
45	1521
48	1529

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

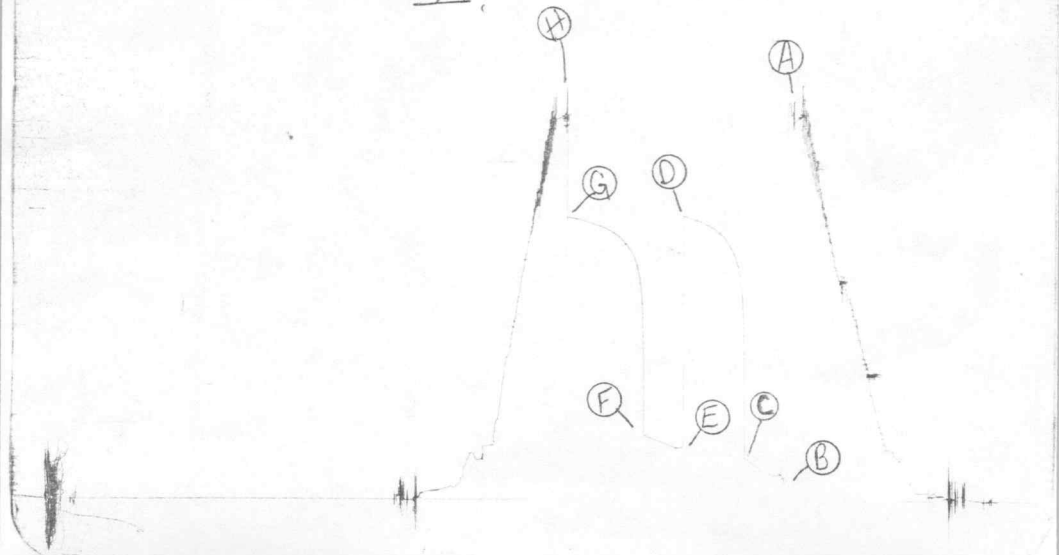
Point Minutes	Press.
0	296
5	286
10	303
15	313
20	330
25	343
30	356

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

Point Minutes	Press.
0	356
3	885
6	1161
9	1265
12	1327
15	1359
18	1393
21	1412
24	1431
27	1448
30	1459
33	1470
36	1479
39	1487
42	1495
45	1502
48	1508
51	1513
54	1517
57	1521
60	1525

Tk # 521.

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

Company K.R.M. Petroleum Corporation Lease & Well No. Robbins #1

Elevation -- Formation Mississippi Effective Pay -- Ft. Ticket No. 22928

Date 8/28/78 Sec. 6 Twp. 32S Range 19W County Commanche State Kansas

Test Approved by J. Copeland Landes Western Representative Ricky L. Bowman

Formation Test No. 3 O.K. X Misrun ____ Interval Tested From 5210' to 5239' Total Depth 5239'

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

Top Packer Depth 5205 Ft. Size 6 3/4 Bottom Packer Depth 5210' Ft. Size 6 3/4

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

Tool Size 5½ Tool Joint Size 4½FH Anchor Length 29 Ft. Size 5½ Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 5229 Ft. Clock No. 10167 Depth 5232 Ft. Clock No. 6896

Top Make Kuster Cap. 4000 No. 3660 ~~Inside~~ Outside Bottom Make Kuster Cap. 3150 No. 1560 ~~Inside~~ Outside

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

Time Set Packer 10:00 P M

Tool Open I.F.P. From 10:00P M. to 10:30P M. - Hr. 30 Min. From (B) 81 P.S.I. To (C) 30 P.S.I.

Tool Closed I.C.I.P. From 10:30 M. to 11:00P M. - Hr. 30 Min (D) 57 P.S.I.

Tool Open F.F.P. From 11:00 M. to 11:30P M. - Hr. 30 Min. From (E) 49 P.S.I. To (F) 28 P.S.I.

Tool Closed F.C.I.P. From 11:30 M. to 12:00P M. - Hr. 30 Min. (G) 56 P.S.I.

Initial Hydrostatic Pressure (A) 2486 P.S.I. Final Hydrostatic Pressure (H) 2464 P.S.I. Maximum Temp. 124

INFORMATION

BLOW Initial flow period very weak throughout. Finfal flow period very weak, dead in nineteen minutes.

Did Well Flow ____ Yes X No Recovery Total Ft. 15' drilling mud. Oil specks on top of tool.

Reversed Out ____ Yes X No Mud Type premix drispac Viscosity 43 Weight 9.1 Water Loss 11.6 cc. Chlorides 22,000

EXTRA EQUIPMENT: Type Circ. Sub. - Safety Joint - Jars: Size - In. Make - Ser. No. -

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

DRILLING CONTRACTOR Xplor Drilling Length Drill Pipe? 4,631 Ft. I.D. Drill Pipe 4 In. Tool Joint Size 4FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 608 Ft. I.D. Drill Collars 5½ In.

Tool Joint Size 4½XH In. Length D.S.T. Tool 50 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 8/28/78 Test Ticket No. 22928

Recorder No. 3660 Capacity 4000 Location 5229 Ft.

Clock No. 10167 Elevation -- Well Temperature 124 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2486 P.S.I.		Open Tool	10:00P M	
B	First Initial Flow Pressure	81 P.S.I.		First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	30 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	57 P.S.I.		Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	49 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	28 P.S.I.				
G	Final Closed-in Pressure	56 P.S.I.				
H	Final Hydrostatic Mud	2464 P.S.I.				

PRESSURE BREAKDOWN

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

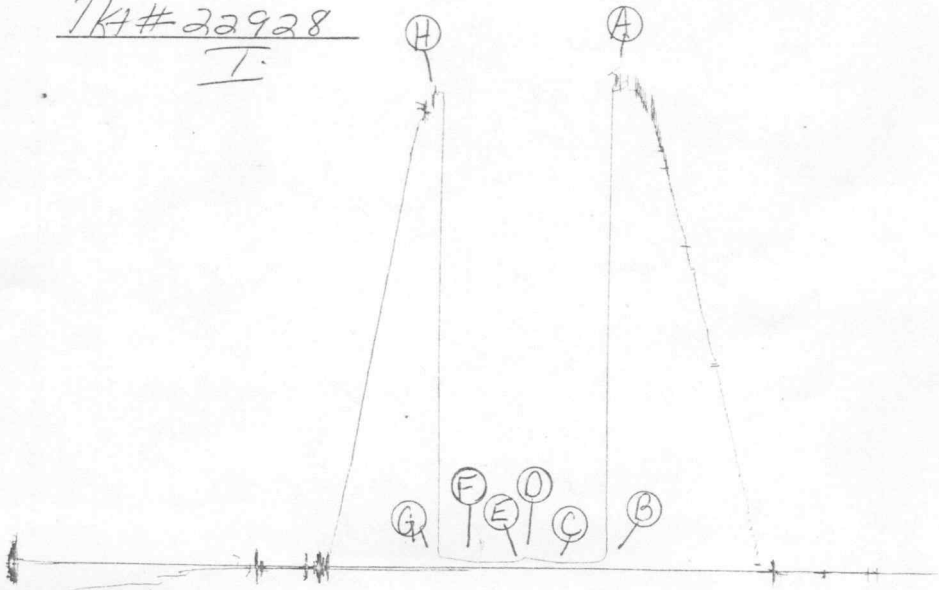
Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

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

Final Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point	First Flow Pressure Mins.	First Flow Pressure Press.	Initial Shut-In Minutes	Initial Shut-In Press.	Second Flow Pressure Minutes	Second Flow Pressure Press.	Final Shut-In Minutes	Final Shut-In Press.
P 1	0	81	0	30	0	49	0	28
P 2	5	39	3	30	5	35	3	28
P 3	10	31	6	32	10	30	6	32
P 4	15	30	9	34	15	30	9	34
P 5	20	30	12	38	20	28	12	37
P 6	25	30	15	40	25	28	15	40
P 7	30	30	18	43	30	28	18	45
P 8			21	45			21	47
P 9			24	50			24	49
P10			27	53			27	53
P11			30	57			30	56
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

TK# 22928
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WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Company K.R.M. Petroleum Corporation Lease & Well No. Robbins #1

Elevation ------ Formation Viola Effective Pay ------ Ft. Ticket No. 999

Date 9/1/78 Sec. 6 Twp. 32S Range 19W County Commanche State Kansas

Test Approved by Mark G. Pinnick Western Representative Ricky L. Bowman

Formation Test No. 4 Interval Tested from 5881' ft. to 5892' ft. Total Depth 5892' ft.

Packer Depth 5881' ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4876 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set --

Top Recorder Depth (Inside) 5886 ft. Recorder Number 3660 Cap. 4000

Bottom Recorder Depth (Outside) 5883 ft. Recorder Number 1560 Cap. 3150

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

Drilling Contractor Xplor Drilling Drill Collar Length 608 I. D. 3 OD in.

Mud Type premix drispac Viscosity 47 Weight Pipe Length -- I. D. -- in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 5284 I. D. 3 OD in.

Chlorides 12,000 P.P.M. Test Tool Size 5½ in. Tool Joint Size 4½FH in.

Jars: Make WTC Serial Number 410 Anchor Length 11 ft. Size 5½ 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:

Recovered ft. of

Recovered ft. of

Recovered ft. of MISRUN

Recovered ft. of

Recovered ft. of

Remarks: MISRUN, DUE TO NOT TAKING OUT FLOAT.

Time Set Packer(s) 7:00 A.M. ~~P.M.~~ Time Started Off Bottom 8:15 A.M. ~~P.M.~~ Maximum Temperature

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

Initial Flow Period ..... Minutes 15 (B) P.S.I. to (C) P.S.I.

Initial Closed In Period ..... Minutes 30 (D) P.S.I.

Final Flow Period ..... Minutes 15 (E) P.S.I. to (F) P.S.I.

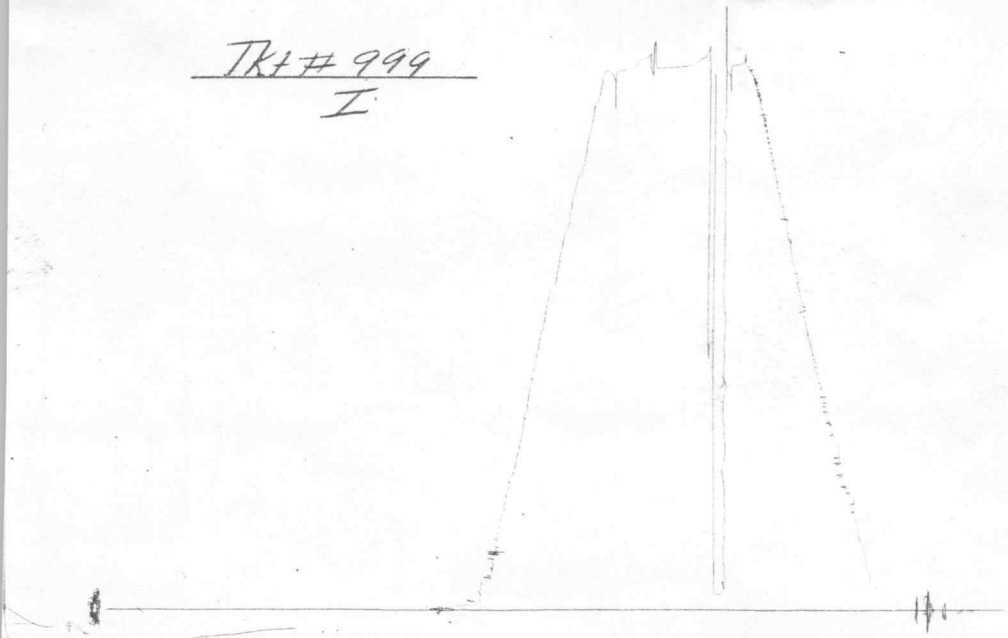
Final Closed In Period ..... Minutes 15 (G) P.S.I.

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

0995

Tkt # 999

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WESTERN TESTERS

P. O. BOX 1599 PHONE (316) 838-0601

WICHITA, KANSAS 67201

Company K.R.M. Petroleum Corporation Lease & Well No. Robbins #1

Elevation ------ Formation Viola Effective Pay ------ Ft. Ticket No. 1000

Date 9/1/78 Sec. 6 Twp. 32S Range 19W County Commanche State Kansas

Test Approved by J. Copeland Landes Western Representative Ricky L. Bowman

Formation Test No. 5 Interval Tested from 5881' ft. to 5892' ft. Total Depth 5892' ft.

Packer Depth 5876 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 5881 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ---

Top Recorder Depth (Inside) 5883 ft. Recorder Number 3660 Cap. 4000

Bottom Recorder Depth (Outside) 5886 ft. Recorder Number 1560 Cap. 3150

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

Drilling Contractor Xplor Drilling Drill Collar Length 608 I. D. 2½OD in.

Mud Type premix drispac Viscosity 47 Weight Pipe Length -- I. D. -- in.

Weight 9.1 Water Loss 9.2 cc. Drill Pipe Length 5284 I. D. 3.80D in.

Chlorides 12,000 P.P.M. Test Tool Size 5½ in. Tool Joint Size 4½FH in.

Jars: Make WTC Serial Number 410 Anchor Length 11 ft. Size 5½ 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: Initial flow period very weak. Dead in 19½ minutes. Final flow period no blow.

Recovered 3 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 12:30 ~~A.M.~~ P.M. Time Started Off Bottom 2:30 ~~A.M.~~ P.M. Maximum Temperature 133

Initial Hydrostatic Pressure ..... (A) 2828 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 45 P.S.I. to (C) 30 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 31 P.S.I.

Final Flow Period ..... Minutes 30 (E) 30 P.S.I. to (F) 28 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 31 P.S.I.

Final Hydrostatic Pressure ..... (H) 2751 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9/1/78 Test Ticket No. 1000

Recorder No. 3660 Capacity 4000 Location 5883 Ft.

Clock No. -- Elevation -- Well Temperature 133 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2828	P.S.I.	Open Tool	12:30P	M		
B	First Initial Flow Pressure	45	P.S.I.	First Flow Pressure	30	Mins.	30	Mins.
C	First Final Flow Pressure	30	P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	31	P.S.I.	Second Flow Pressure	30	Mins.	30	Mins.
E	Second Initial Flow Pressure	30	P.S.I.	Final Closed-in Pressure	30	Mins.	30	Mins.
F	Second Final Flow Pressure	28	P.S.I.					
G	Final Closed-in Pressure	31	P.S.I.					
H	Final Hydrostatic Mud	2751	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	34
P 3	10	30
P 4	15	30
P 5	20	30
P 6	25	30
P 7	30	30
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	30
3	30
6	30
9	30
12	30
15	30
18	30
21	30
24	30
27	31
30	31

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

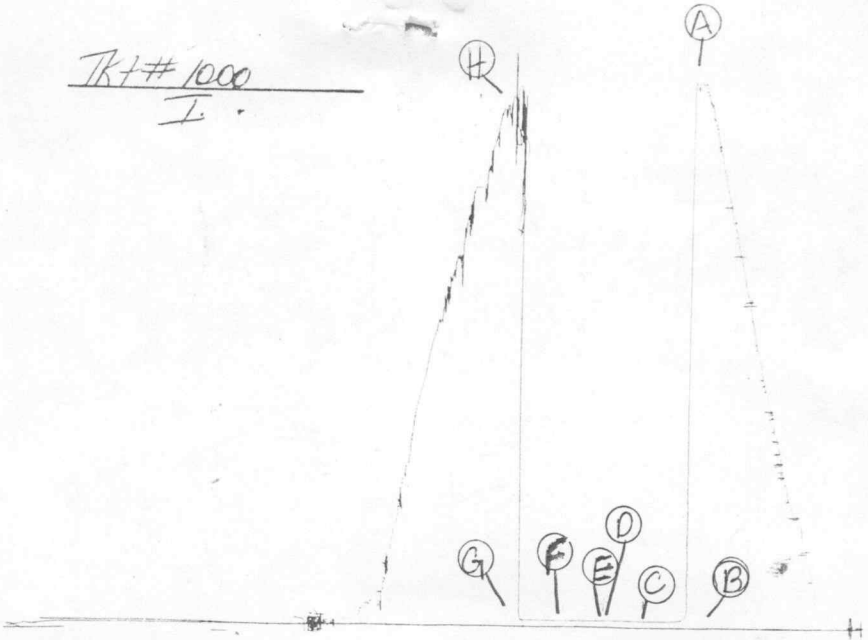
Point Minutes	Press.
0	30
5	29
10	29
15	29
20	29
25	28
30	28

Final Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	28
3	28
6	28
9	28
12	28
15	28
18	30
21	31
24	31
27	31
30	31

TK+#1000

I.



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

Company K. R. M. Petroleum Corporation Lease & Well No. Robbins #1

Elevation ----- Formation Kansas City Effective Pay ------ Ft. Ticket No. 527

Date 9/6/78 Sec. 6 Twp. 32S Range 19W County Commanche State Kansas

Test Approved by J. C. Simmons Western Representative Bill Hager

Formation Test No. 6 Interval Tested from 4780' ft. to 4794' ft. Total Depth 6340' ft.

Packer Depth 4780 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4794 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ---

Top Recorder Depth (Inside) 4783 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4786 ft. Recorder Number 2603 Cap. 4400

Below Straddle Recorder Depth 4801 ft. Recorder Number 3351 Cap. 4000

Drilling Contractor Xplor Drilling Drill Collar Length 247 I. D. 2¼ in.

Mud Type premix-drispac Viscosity 45 Weight Pipe Length -- I. D. - in.

Weight 9.2 Water Loss 11.2 cc. Drill Pipe Length 47 I. D. - in.

Chlorides 18,000 P.P.M. Test Tool Size 5½ in. Tool Joint Size 4½OD in.

Jars: Make WTC Serial Number 403 Anchor Length 14 ft. Size 5½OD in.

Did Well Flow? No Reversed Out Yes Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in.

Blow: Strong blow first opening; decreasing second opening.

Recovered 2425 ft. of salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Chlorides 150,000 PPM

Time Set Packer(s) 8:35 ~~P.M.~~ A.M. Time Started Off Bottom 10:35 A.M. ~~P.M.~~ Maximum Temperature 120

Initial Hydrostatic Pressure ..... (A) 2373 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 158 P.S.I. to (C) 787 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 1726 P.S.I.

Final Flow Period ..... Minutes 30 (E) 870 P.S.I. to (F) 1203 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 1741 P.S.I.

Final Hydrostatic Pressure ..... (H) 2358 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 9/6/78 Test Ticket No. 527

Recorder No. 2607 Capacity 4150 Location 4783 Ft.

Clock No. -- Elevation -- Well Temperature 120 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2373	P.S.I.	Open Tool	8:35A M	
B	First Initial Flow Pressure	158	P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	787	P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	1726	P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E	Second Initial Flow Pressure	870	P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F	Second Final Flow Pressure	1203	P.S.I.			
G	Final Closed-in Pressure	1741	P.S.I.			
H	Final Hydrostatic Mud	2358	P.S.I.			

PRESSURE BREAKDOWN

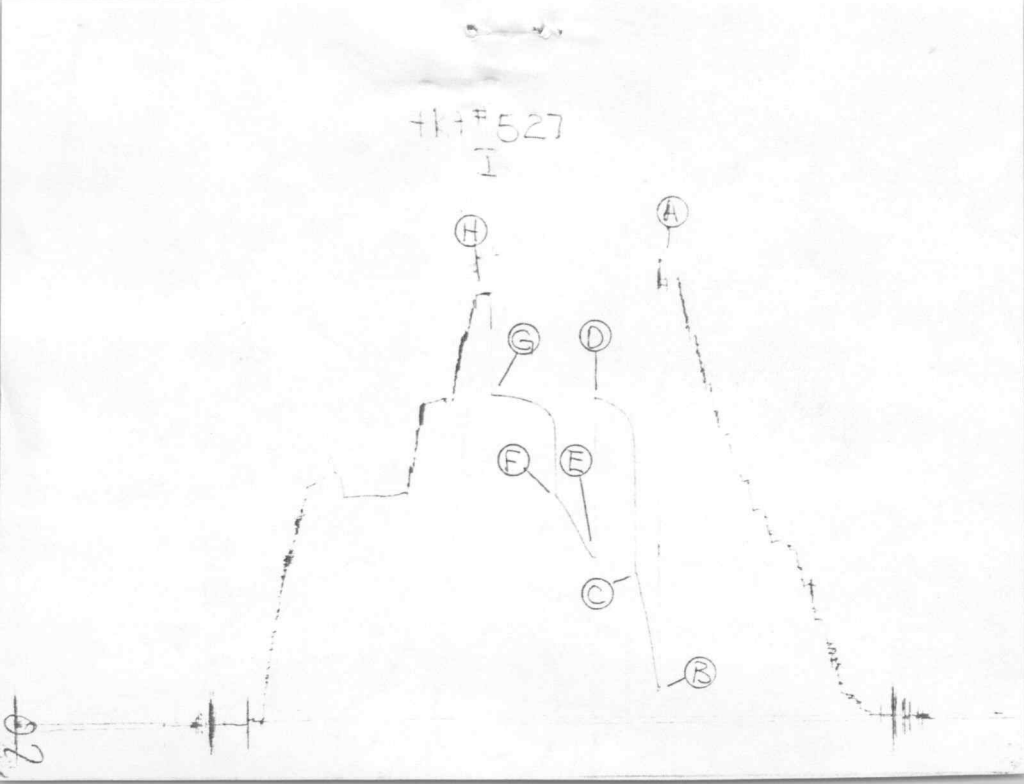
First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

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

Point	First Flow Mins.	First Flow Press.	Initial Shut-In Minutes	Initial Shut-In Press.	Second Flow Minutes	Second Flow Press.	Final Shut-In Minutes	Final Shut-In Press.
P 1	0	158	0	787	0	870	0	1203
P 2	5	330	3	1533	5	904	3	1621
P 3	10	566	6	1599	10	966	6	1653
P 4	15	787	9	1637	15	1037	9	1668
P 5			12	1658	20	1105	12	1687
P 6			15	1679	25	1161	15	1697
P 7			18	1691	30	1203	18	1705
P 8			21	1703			21	1712
P 9			24	1712			24	1718
P10			27	1720			27	1725
P11			30	1726			30	1731
P12							33	1733
P13							36	1735
P14							39	1737
P15							42	1739
P16							45	1741
P17								
P18								
P19								
P20								


H
A
G
D
F
E
C
B

TKT# 527
Below Straddle

