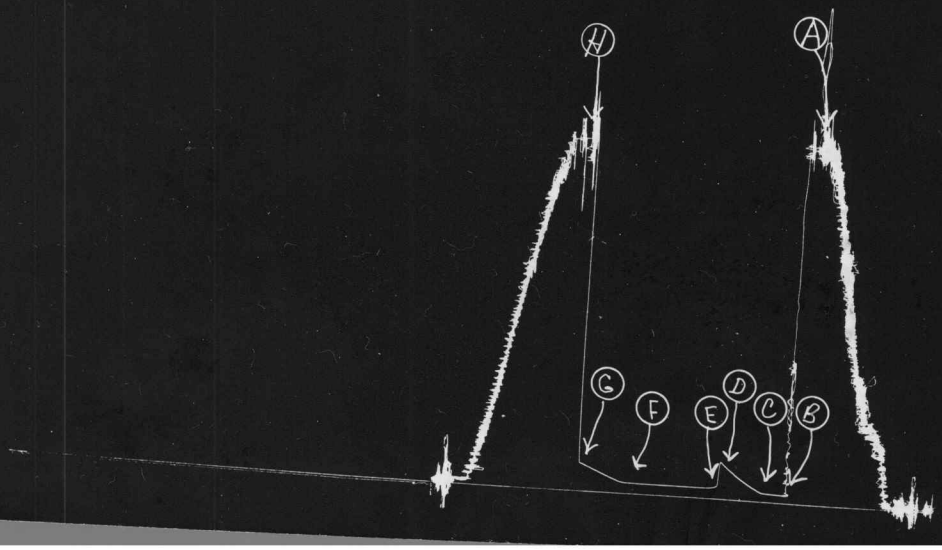
Comet Petroleum Company

Griffen #1

IRT-12740

Test #1



WESTERN TESTERS

Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Comet Petroleum Corp. Lease & Well No. Griffen #1

Elevation 1614 Kelly Bushing Formation Kansas City Effective Pay Ft. Ticket No. 12740

Date 7-20-69 Sec. 17 Twp. 23 Range 7 County Reno State Kansas

Test Approved by Charles R. King Western Representative Leon Elmore

Formation Test No. 1 O.K. X Misrun Interval Tested From 3436' to 3455' Total Depth 3455'

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

Packer Depth 3431 Ft. Size 6 3/4" Packer Depth 3436 Ft. Size 6 3/4"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 19 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3446 Ft. Clock No. 6866 Depth 3449 Ft. Clock No. 8377

Top Make Kuster Cap. 4500 No. 3085 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside

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

Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 12:54 P.M

Tool Open I.F.P. From 12:57 M. to 1:12P. M. Hr. 15 Min. From (B) 19 P.S.I. To (C) 19 P.S.I.

Tool Closed I.C.I.P. From 1:12 M. to 1:42P. M. Hr. 30 Min. (D) 172 P.S.I.

Tool Open F.F.P. From 1:42 M. to 2:42P. M. 1 Hr. Min. From (E) 26 P.S.I. To (F) 26 P.S.I.

Tool Closed F.C.I.P. From 2:42 M. to 3:12P. M. Hr. 30 Min. (G) 117 P.S.I.

Initial Hydrostatic Pressure (A) 1810 P.S.I. Final Hydrostatic Pressure (H) 1789 P.S.I.

SURFACE INFORMATION	Size Choke 3/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Weak to good Bottom Choke Size 3/4 In.

Did Well Flow Yes X No Recovery Total Ft. 400 feet gas in pipe - 40 feet oil cut mud

Reversed Out Yes X No Mud Type Starch Viscosity 35 Weight 9.6 Water Loss 23 cc. Maximum Temp. 114 °F

Type Circ. Sub. Plug Did Tool Plug? No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where?

Length Drill Pipe 2512 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 904 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 39 ft.

Remarks Slide 4 feet to bottom

FORM WTC 3

WESTERN TESTING CO., INC.
Pressure Data

Date 7-20-69 Test Ticket No. 12740

Recorder No. 3085 Capacity 4500 Location 3446 Ft.

Clock No. 6866 Elevation 1614 Kelly Bushing Well Temperature 114 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1810 P.S.I.		Open Tool	12:54 P.M	
B	First Initial Flow Pressure	19 P.S.I.		First Flow Pressure	15 Mins.	16 Mins.
C	First Final Flow Pressure	19 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	172 P.S.I.		Second Flow Pressure	60 Mins.	59 Mins.
E	Second Initial Flow Pressure	26 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	26 P.S.I.				
G	Final Closed-in Pressure	117 P.S.I.				
H	Final Hydrostatic Mud	1789 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 1 Min.

Point Mins.	Press.
P 1 0	19
P 2 5	19
P 3 10	19
P 4 15	19
P 5 16	19
P 6	
P 7	
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 Min.

Point Minutes	Press.
0	19
3	28
6	40
9	54
12	69
15	86
18	102
21	121
24	141
27	160
30	172

Second Flow Pressure
Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 4 Min.

Point Minutes	Press.
0	26
5	26
10	26
15	26
20	26
25	26
30	26
35	26
40	26
45	26
50	26
55	26
59	26

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

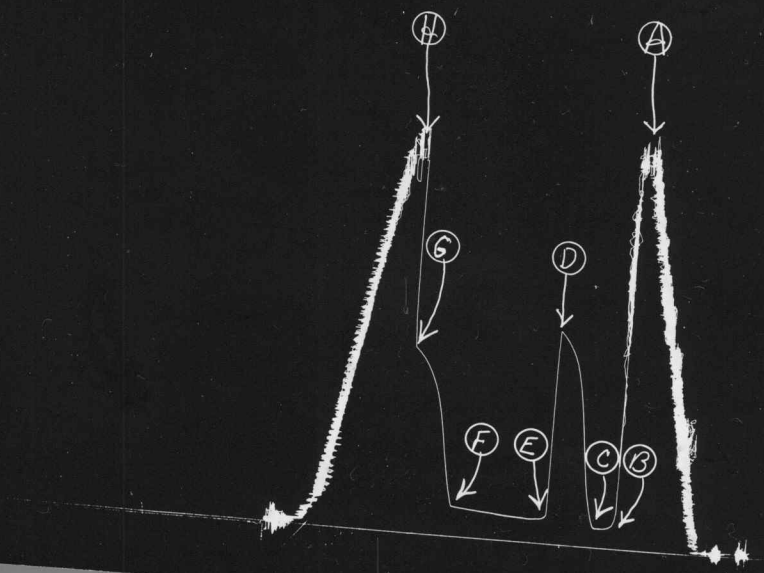
Point Minutes	Press.
0	26
3	35
6	43
9	52
12	62
15	71
18	83
21	93
24	102
27	112
30	117

Comet Petroleum Company

Griffen #1

IRT-12741

Test #2



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Comet Petroleum Corp. Lease & Well No. Griffen #1

Elevation 1614 Kelly Bushing Formation Mississippian Effective Pay 20 Ft. Ticket No. 12741

Date 7-21-69 Sec. 17 Twp. 23 Range 7 County Reno State Kansas

Test Approved by Charles R. King Western Representative Leon Elmore

Formation Test No. 2 O.K. X Misrun Interval Tested From 3640' to 3660' Total Depth 3660'

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

Packer Depth 3635 Ft. Size 6 3/4" Packer Depth 3640 Ft. Size 6 3/4"

Straddle Yes No X Conv. B.T. Damaged Yes No

Packer Depth Ft. Size

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 20 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3653 Ft. Clock No. 6866 Depth 3656 Ft. Clock No. 8377

Top Make Kuster Cap. 4500 No. 3085 Inside Outside Bottom Make Kuster Cap. 4400 No. 2603 Inside Outside

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

Top Make Cap. No. Inside Outside Bottom Make Cap. No. Inside Outside

Time Set Packer 9:40 AM

Tool Open I.F.P. From 9:43 M. to 9:58A M. Hr. 15 Min. From (B) 52 P.S.I. To (C) 56 P.S.I.

Tool Closed I.C.I.P. From 9:58 M. to 10:28A M. Hr. 30 Min. (D) 1041 P.S.I.

Tool Open F.F.P. From 10:28 M. to 11:28A M. 1 Hr. Min. From (E) 78 P.S.I. To (F) 126 P.S.I.

Tool Closed F.C.I.P. From 11:28 M. to 11:58A M. Hr. 30 Min. (G) 911 P.S.I.

Initial Hydrostatic Pressure (A) 1900 P.S.I. Final Hydrostatic Pressure (H) 1860 P.S.I.

SURFACE INFORMATION	Size Choke 3/4 In.	Max. Press. P.S.I.	Time	Description of Flow
			M.	
			M.	
			M.	

BLOW Strong Bottom Choke Size 3/4 In.

Did Well Flow Yes X No Recovery Total Ft. 70 feet thin slightly oil and gas cut mud - 180 feet slightly oil and gas cut salt water - 770 feet gas in pipe

Reversed Out Yes X No Mud Type Starch Viscosity 45 Weight 9.8 Water Loss 23 cc. Maximum Temp. 121 °F

Type Circ. Sub Plug Did Tool Plug? No Jars: Size Make Ser. No.

EXTRA EQUIPMENT: Dual Packers Yes Safety Joint No Did Packer Hold? Yes Where?

Length Drill Pipe ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 904 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 40 ft.

Remarks Slide 4 feet to bottom

WESTERN TESTING CO., INC.
Pressure Data

Date 7-21-69 Test Ticket No. 12741

Recorder No. 3085 Capacity 4500 Location 3653 Ft.

Clock No. 6866 Elevation 1614 Kelly Bushing Well Temperature 121 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1900 P.S.I.		Open Tool	9:40 A. M	
B	First Initial Flow Pressure	52 P.S.I.		First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	56 P.S.I.		Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	1041 P.S.I.		Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	78 P.S.I.		Final Closed-in Pressure	30 Mins.	30 Mins.
F	Second Final Flow Pressure	126 P.S.I.				
G	Final Closed-in Pressure	911 P.S.I.				
H	Final Hydrostatic Mud	1860 P.S.I.				

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	52
P 2 5	53
P 3 10	54
P 4 15	56
P 5	
P 6	
P 7	
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 _____ Min.

Point Minutes	Press.
0	56
3	88
6	141
9	279
12	476
15	704
18	846
21	925
24	981
27	1012
30	1041

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of _____ Min.

Point Minutes	Press.
0	78
5	79
10	81
15	86
20	90
25	97
30	100
35	106
40	112
45	115
50	119
55	123
60	126

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

Point Minutes	Press.
0	126
3	219
6	360
9	520
12	653
15	739
18	799
21	843
24	874
27	899
30	911