Company Gear Petroleum Company — Lease & Well No. Bailey #1

Elevation 1858 Kelly Bushing — Formation Viola — Effective Pay ----- Ft. — Ticket No. 6440

Date 7/11/80 — Sec. 18 — Twp. 28S — Range 12W — County Pratt — State Kansas

Test Approved by A. G. Siemens — Western Representative Darrell Claphan

Formation Test No. 1 — Interval Tested from 4378 ft. to 4410 ft. — Total Depth 4410 ft.

Packer Depth 4373 ft. — Size 6 3/4 in. — Packer Depth 4378 ft. — Size 6 3/4 in.

Packer Depth - ft. — Size - in. — Packer Depth - ft. — Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4395 ft. — Recorder Number 10266 — Cap. 4650

Bottom Recorder Depth (Outside) 4398 ft. — Recorder Number 6233 — Cap. 4000

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

Drilling Contractor Red Tiger Drilling Rig #3 — Drill Collar Length - — I. D. - in.

Mud Type premix PS--I — Viscosity 45 — Weight Pipe Length 1264 — I. D. 2.7 in.

Weight 9.6 — Water Loss 17.2 cc. — Drill Pipe Length 3092 — I. D. 3.8 in.

Chlorides 22,000 P.P.M. — Test Tool Length 22 ft. — Tool Size 4½ in.

Jars: Make - — Serial Number - — Anchor Length 32 ft. — Size 5½ in.

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

Main Hole Size 7 7/8 in. — Tool Joint Size 4½ in.

Blow: Initial opening, strong blow off bottom in one half minute. Gas to surface in fifteen minutes. Strong blow throughout flow period on final opening. See attached sheet for gas measurements.

Recovered 118 ft. of mud and gas cut oil (34% oil;25% mud;9% water)

Recovered 60 ft. of mud and gas cut oil (60% oil;20% mud;7% water)

Recovered 2 ft. of free oil on top of tool

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:02 ~~A.M.~~ P.M. — Time Started Off Bottom 11:45 ~~A.M.~~ P.M. — Maximum Temperature 129°

Initial Hydrostatic Pressure			(A)	2067	P.S.I.	
Initial Flow Period	Minutes 30		(B)	127	P.S.I. to (C)	141 P.S.I.
Initial Closed In Period	Minutes 42		(D)	471	P.S.I.	
Final Flow Period	Minutes 60		(E)	99	P.S.I. to (F)	108 P.S.I.
Final Closed In Period	Minutes 81		(G)	162	P.S.I.	
Final Hydrostatic Pressure			(H)	2028	P.S.I.	

GAS FLOW REPORT

Date 7/11/80 Ticket 6440 Company Gear Petroleum Company

Well Name and No. Bailey #1 Dst No. 1 Interval Tested 4378'-4440'

County PRATT State KANSAS Sec. 18 Twp. 28S Rg. 12W

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
Tool open at 8:00AM Gas to surface at **PRE FLOW** 8:15AM						
Open reading		2 PSIG	1½" orifice			527,000 CFPD
	20 min.	14 PSIG	1½" orifice			141,000 CFPD
	25 min.	20 PSIG	1/2" orifice			177,000 CFPD
	30 min.	14 PSIG	1/2" orifice			141,000 CFPD
SECOND FLOW						
Open	2 min.	10 PSIG	1" orifice			472,000 CFPD
	10 min.	7 PSIG	1/2" orifice			94,500 CFPD
	20 min.	7 PSIG	1/2" orifice			94,500 CFPD
	30 min.	4.5 PSIG	1/2" orifice			73,600 CFPD
	40 min.	2.5 PSIG	1/2" orifice			53,400 CFPD
	50 min.	35 PSIG	1/8" orifice			21,200 CFPD
	60 min.	34 PSIG	1/8" orifice			20,700 CFPD

GAS BOTTLE

Serial No. 13441 Date Bottle Filled 7/11/80 Date to be Invoiced 7/11/80

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 1½% per month, equal to 18% 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 Gear Petroleum Company

Authorized by A. G. Siemens

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 7-11-80 Test Ticket No. 6440

Recorder No. 10266 Capacity 4650 Location 4395 Ft.

Clock No. -- Elevation 1858 Kelly Bushing Well Temperature 129 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2067 P.S.I.	Open Tool	8:02 A.M	
B First Initial Flow Pressure	127 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	141 P.S.I.	Initial Closed-in Pressure	45 Mins.	42 Mins.
D Initial Closed-in Pressure	471 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	99 P.S.I.	Final Closed-in Pressure	90 Mins.	81 Mins.
F Second Final Flow Pressure	108 P.S.I.			
G Final Closed-in Pressure	162 P.S.I.			
H Final Hydrostatic Mud	2028 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: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 27 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 0	127	0	141	0	99	0	108
P 2 5	170	3	216	5	93	3	108
P 3 10	141	6	285	10	89	6	110
P 4 15	138	9	337	15	87	9	112
P 5 20	139	12	367	20	88	12	114
P 6 25	140	15	383	25	91	15	116
P 7 30	141	18	396	30	93	18	119
P 8		21	408	35	94	21	122
P 9		24	420	40	98	24	125
P10		27	431	45	102	24	127
P11		30	440	50	104	30	129
P12		33	448	55	106	33	131
P13		36	454	60	108	36	133
P14		39	464			39	136
P15		42	471			42	139
P16						45	141
P17						48	143
P18						51	145
P19						54	147
P20						57	149
						60	150

WTC - 4

CONTINUED

WESTERN TESTING CO., INC.
Pressure Data

Date 7-11-80 Test Ticket No. 6440

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Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
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Final Shut-In
Breakdown: 27 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	152
P 2						66	154
P 3						69	156
P 4						72	157
P 5						75	158
P 6						78	160
P 7						81	162
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

15266

TR#6440

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