Company Prairie Oil, Inc. Lease & Well No. Gammon #2

Elevation 1354 Kelly Bushing Formation Altamont Effective Pay -- Ft. Ticket No. 1928

Date 2/8/79 Sec. 19 Twp. 34S Range 7E County Cowley State Kansas

Test Approved by Toby Elster Western Representative Tim Wilson

Formation Test No. 1 Interval Tested from 2643' ft. to 2662' ft. Total Depth 2662' ft.

Packer Depth 2638 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2643 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2655 ft. Recorder Number 1559 Cap. 4200

Bottom Recorder Depth (Outside) 2658 ft. Recorder Number 1558 Cap. 4200

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

Drilling Contractor Blue Streak #1 Drill Collar Length -- I. D. -- in.

Mud Type chemical Viscosity 34 Weight Pipe Length -- I. D. -- in.

Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 2625 I. D. 3.8 in.

Chlorides 1,500 P.P.M. Test Tool Length 37' ~~in.~~ Tool Size 5½ in.

Jars: Make -- Serial Number -- Anchor Length 19 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. Tool Joint Size 4½FH in.

Blow: Fair decreasing to weak on initial flow period. Weak increasing to fair on final flow period.

Recovered 45 ft. of oil cut drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 5:35 A.M. ~~P.M.~~ Time Started Off Bottom 9:40 A.M. ~~P.M.~~ Maximum Temperature 108

Initial Hydrostatic Pressure ..... (A) 1272 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 48 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 230 P.S.I.

Final Flow Period ..... Minutes 60 (E) 54 P.S.I. to (F) 33 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 222 P.S.I.

Final Hydrostatic Pressure ..... (H) 1262 P.S.I.

# WESTERN TESTING CO., INC.
## Pressure Data

Date 2/8/79 Test Ticket No. 1928

Recorder No. 1559 Capacity 4200 Location 2655 Ft.

Clock No. -- Elevation 1354 Kelly Bushing Well Temperature 108 °F

| Point | Pressure | | Time Given | Time Computed |
|---|---|---|---|---|
| A Initial Hydrostatic Mud | 1272 P.S.I. | Open Tool | 5:35AM | |
| B First Initial Flow Pressure | 48 P.S.I. | First Flow Pressure | 60 Mins. | 60 Mins. |
| C First Final Flow Pressure | 31 P.S.I. | Initial Closed-in Pressure | 60 Mins. | 60 Mins. |
| D Initial Closed-in Pressure | 230 P.S.I. | Second Flow Pressure | 60 Mins. | 60 Mins. |
| E Second Initial Flow Pressure | 54 P.S.I. | Final Closed-in Pressure | 60 Mins. | 60 Mins. |
| F Second Final Flow Pressure | 33 P.S.I. | | | |
| G Final Closed-in Pressure | 222 P.S.I. | | | |
| H Final Hydrostatic Mud | 1262 P.S.I. | | | |

## PRESSURE BREAKDOWN

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

| Point Mins. | Press. |
|---|---|
| P 1 0 | 48 |
| P 2 5 | 40 |
| P 3 10 | 36 |
| P 4 15 | 31 |
| P 5 20 | 31 |
| P 6 25 | 31 |
| P 7 30 | 31 |
| P 8 35 | 31 |
| P 9 40 | 31 |
| P10 45 | 31 |
| P11 50 | 31 |
| P12 55 | 31 |
| P13 60 | 31 |
| 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 | 31 |
| 3 | 36 |
| 6 | 37 |
| 9 | 42 |
| 12 | 48 |
| 15 | 54 |
| 18 | 63 |
| 21 | 69 |
| 24 | 79 |
| 27 | 90 |
| 30 | 98 |
| 33 | 110 |
| 36 | 125 |
| 39 | 138 |
| 42 | 149 |
| 45 | 163 |
| 48 | 177 |
| 51 | 189 |
| 54 | 204 |
| 57 | 215 |
| 60 | 230 |

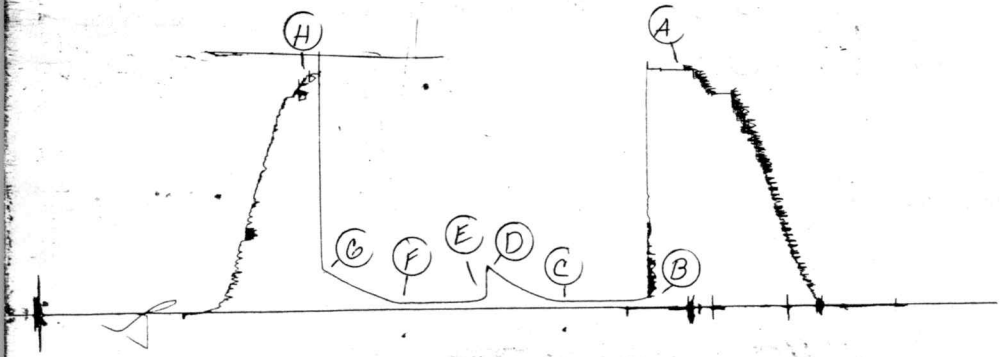
**Second Flow Pressure**
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

| Point Minutes | Press. |
|---|---|
| 0 | 54 |
| 5 | 44 |
| 10 | 38 |
| 15 | 36 |
| 20 | 33 |
| 25 | 33 |
| 30 | 33 |
| 35 | 33 |
| 40 | 33 |
| 45 | 33 |
| 50 | 33 |
| 55 | 33 |
| 60 | 33 |

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

| Point Minutes | Press. |
|---|---|
| 0 | 33 |
| 3 | 33 |
| 6 | 40 |
| 9 | 44 |
| 12 | 52 |
| 15 | 61 |
| 18 | 71 |
| 21 | 79 |
| 24 | 88 |
| 27 | 96 |
| 30 | 105 |
| 33 | 116 |
| 36 | 127 |
| 39 | 138 |
| 42 | 149 |
| 45 | 161 |
| 48 | 174 |
| 51 | 185 |
| 54 | 198 |
| 57 | 210 |
| 60 | 222 |

Plat # 1928
I




1559