

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.

So. Loop Road
Gillette, Wyoming 82716

Phone (307) 682-5415

OPERATOR Midwest Oil Corp.
ADDRESS 1700 Broadway, Denver, Colorado
DATE 5/28/69
WELL NAME & NO. Bles No. 1
TICKET NO. 977
D.S.T. No. 1

TIME DATA

Opened Tool for 1st Flow at 11:48 A.M.
First Flow 20 Minutes
Initial Shut-in 45 Minutes
Second Flow 120 Minutes
Final Shut-in 60 Minutes

PRESSURE DATA

Recorder No. 163 at 3297'

Capacity 5000 psi Clock No. 210

Pressure (psi)

| | Field | Corrected |
|-----------------|---------|-----------|
| IHM | 1768 | 1762 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 1210 | 1202 |
| Second Flow | Initial | 119 |
| | Final | 199 |
| Final Shut-in | 1130 | 1124 |
| FHM | 1748 | 1742 |

FLOW DESCRIPTION

Weak blow throughout test.

WELL DATA

Drilling Contractor Murfin Drilling Co.
Rig No. ---
Operator Midwest Oil Corp.
Well Name & No. Bles No. 1
Location se se Sec. 5 Twp. 1S Rg. 26W
County Decatur
State Kansas
Field Wildcat
Elevation 2505 K.B.
Interval Tested 3278-3300'
Formation Lansing
Date of Test 5/28/69
Total Depth 3300'

TOOL & HOLE DATA

Main Hole Size 7-7/8"
Drill Pipe - O.D. & Wt. 4 1/2" - 16.60#
Drill Collars - I.D. & Type 2 1/2"
Drill Collars - Length 180'
Top Choke - Size 1" Adj.
Bottom Choke - Size 5/8"
Anchor Size & Length 5"
Number & Size of Packers 2, 6-5/8"
Cushion None
Mud Weight 9.3 Vis. 42
Mud Type Gel. Water Loss 6.5
Chloride Content 1500 ppm.

Tester O. E. Hamilton
Approved By Douglas W. Marden

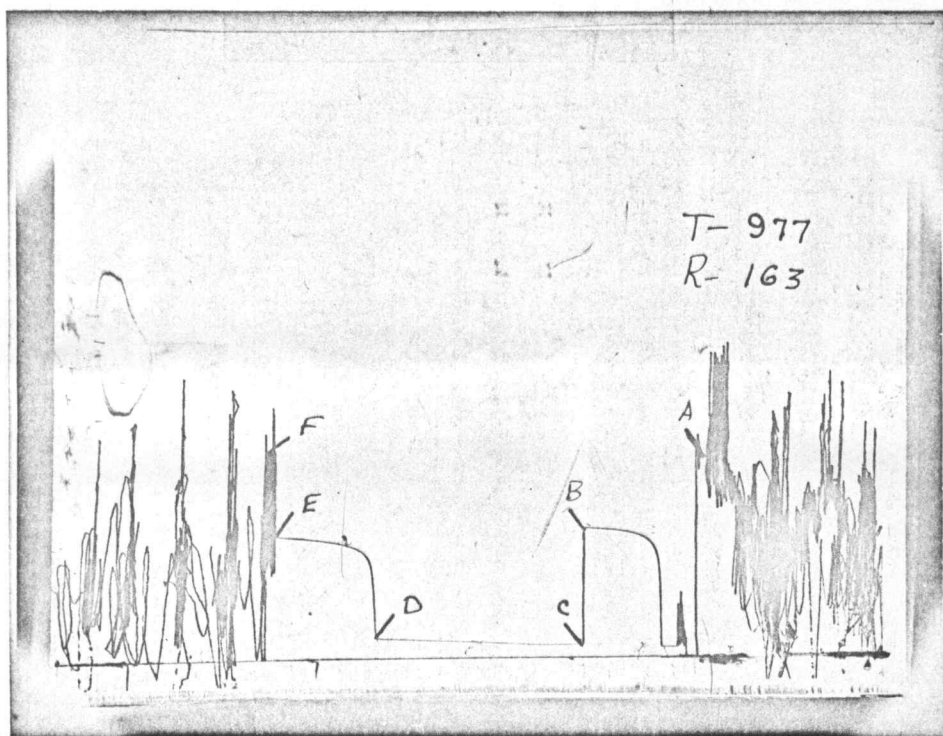
RECOVERY IN PIPE: 300 feet total fluid: 60 feet drilling mud.
60 feet water-cut drilling mud.
120 feet mud-cut water.
60 feet slightly oil-cut salt water.

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
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Ticket No. 977

Recorder 163 at 3297 feet.

Capacity 5000 psi.



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Phone (307) 682-5415

| TIME DATA | |
|---------------------------------------|---------|
| Opened Tool for 1st Flow at 4:05 A.M. | |
| First Flow | 15 Min. |
| Initial Shut-in | 45 Min. |
| Second Flow | 60 Min. |
| Final Shut-in | 60 Min. |

| PRESSURE DATA | | |
|---------------------------------|---------|-----------|
| Recorder No. 163 at 3328' | | |
| Capacity 5000 psi Clock No. 210 | | |
| Pressure (psi) | | |
| | Field | Corrected |
| IHM | 1742 | 1739 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 931 | 928 |
| Second Flow | Initial | 79 |
| | Final | 106 |
| Final Shut-in | 877 | 874 |
| FHM | 1729 | 1726 |

| FLOW DESCRIPTION | |
|----------------------------|--|
| Fair blow throughout test. | |

| WELL DATA | |
|---------------------|------------------------|
| Drilling Contractor | Murfin Drilling Co. |
| Rig No. | --- |
| Operator | Midwest Oil Corp. |
| Well Name & No. | Blees No. 1 |
| Location se se | Sec. 5 Twp. 1S Rg. 26W |
| County | Decatur |
| State | Kansas |
| Field | Wildcat |
| Elevation | 2505 K.B. |
| Interval Tested | 3313-3331 |
| Formation | Lansing |
| Date of Test | 5/29/69 |
| Total Depth | 3331' |

| TOOL & HOLE DATA | |
|-----------------------------|-------------------|
| Main Hole Size | 7-7/8" |
| Drill Pipe - O.D. & Wt. | 4 1/2" x 16.60 |
| Drill Collars - I.D. & Type | 2 1/2" |
| Drill Collars - Length | 180 |
| Top Choke - Size | 1" Adj. |
| Bottom Choke - Size | 5/8" |
| Anchor Size & Length | 5" |
| Number & Size of Packers | 2, 6-5/8" |
| Cushion | None |
| Mud Weight | 9.3 |
| Vis. | 42. |
| Mud Type | Gel. |
| Water Loss | 6.5 |
| Chloride Content | 1500 ppm. |
| B.H. Temp. | 110 °F |
| Tester | O. E. Hamilton |
| Approved By | Douglas W. Marden |

RECOVERY IN PIPE: 255 feet total fluid: 15 feet heavily oil-cut mud.
180 feet mud-cut oil.
60 feet free oil (34.5° Gravity at 80°F.)

(180 feet gas in drill pipe)

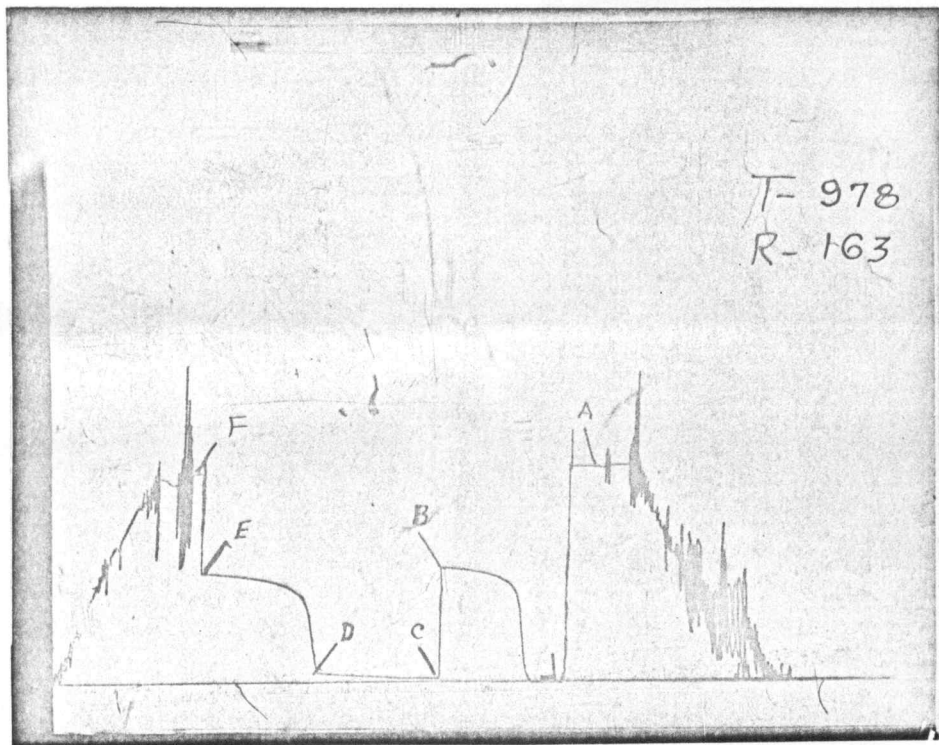
OPERATOR Midwest Oil Corp.
WELL NAME & NO. Blees No. 1
ADDRESS 1700 Broadway, Denver, Colorado
DATE 5/29/69
TICKET NO. 978
D.S.I. No. 2

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
Gillette, Wyoming 82716

Ticket No. 978

Recorder 163 at 3328 feet.

Capacity 5000 psi.



PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.

So. Loop Road

Gillette, Wyoming 82716

Phone (307) 682-5415

OPERATOR
ADDRESS
1700 Broadway, Denver, Colorado
DATE
5/29/69
WELL NAME & NO.
Midwest Oil Corp.
Blees No. 1
D.S.T. No. 3
TICKET NO. 979

TIME DATA

Opened Tool for 1st Flow at 8:10 P.M.

| | |
|-----------------|---------|
| First Flow | 20 Min. |
| Initial Shut-in | 45 Min. |
| Second Flow | 60 Min. |
| Final Shut-in | 60 Min. |

PRESSURE DATA

Recorder No. 163 at 3373
Capacity 5000 psi Clock No. 210

Pressure (psi)

| | Field | Corrected |
|-----------------|---------|-----------|
| IHM | 1748 | 1742 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 877 | 863 |
| Second Flow | Initial | 18 |
| | Final | 26 |
| Final Shut-in | 611 | 613 |
| FHM | 1735 | 1732 |

FLOW DESCRIPTION

Weak blow; died in 1 minute.

WELL DATA

| | |
|---------------------|------------------------------|
| Drilling Contractor | Murfin Drilling Co. |
| Rig No. | --- |
| Operator | Midwest Oil Corp. |
| Well Name & No. | Blees No. 1 |
| Location | se se Sec. 5 Twp. 1S Rg. 26W |
| County | Decatur |
| State | Kansas |
| Field | Wildcat |
| Elevation | 2505 K.B. |
| Interval Tested | 3335-3376' |
| Formation | Lansing |
| Date of Test | 5/29/69 |
| Total Depth | 3376' |

TOOL & HOLE DATA

| | |
|-----------------------------|-----------------|
| Main Hole Size | 7-7/8" |
| Drill Pipe - O.D. & Wt. | 4 1/2" - 16.60# |
| Drill Collars - I.D. & Type | 2 1/2" |
| Drill Collars - Length | 180' |
| Top Choke - Size | 1" Adj. |
| Bottom Choke - Size | 5/8" |
| Anchor Size & Length | 5" |
| Number & Size of Packers | 2, 6-5/8" |
| Cushion | None |
| Mud Weight | 9.3 |
| Vis. | 42 |
| Mud Type | Gel. |
| Water Loss | 6.5 |
| Chloride Content | 1500 ppm. |
| B.H. Temp. | 110°F. |

Tester O.E. Hamilton
Approved By Douglas W. Marden

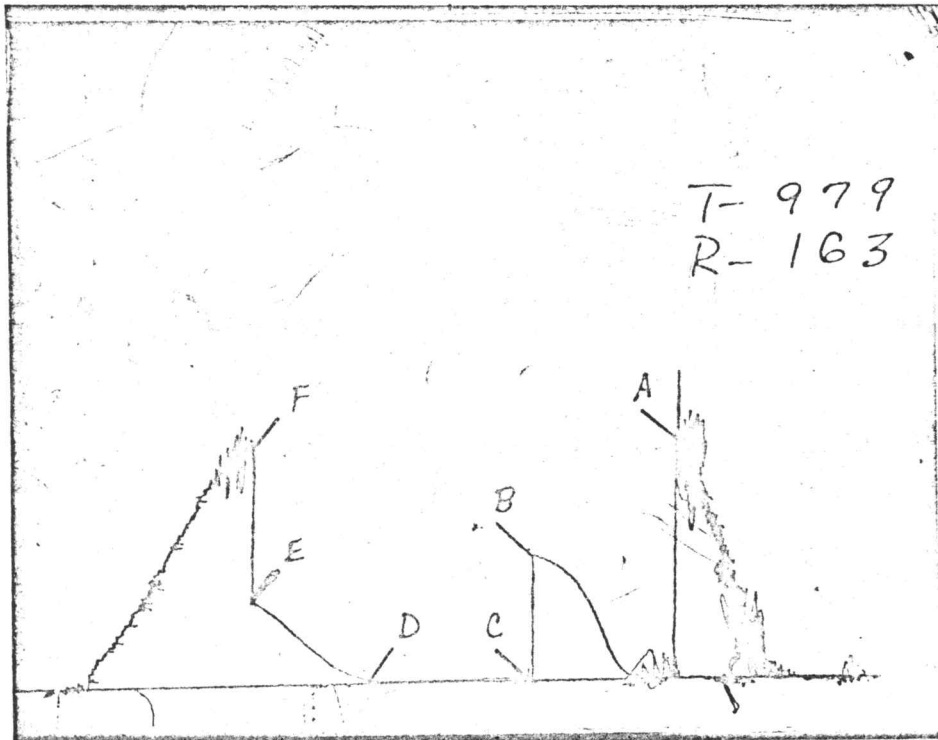
RECOVERY IN PIPE: 20 feet drilling fluid (slightly oil-cut).

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
Gillette, Wyoming 82716

Ticket No. 979

Recorder No. 163 at 3373 feet.

Capacity 5000 psi.



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| TIME DATA | |
|-----------------------------|------------|
| Opened Tool for 1st Flow at | 8:38 A. M. |
| First Flow | 15 Min. |
| Initial Shut-in | 45 Min. |
| Second Flow | 90 Min. |
| Final Shut-in | 60 Min. |

| PRESSURE DATA | | |
|-------------------|-----------|-----------|
| Recorder No. 163 | at | 3407 |
| Capacity 5000 psi | Clock No. | 210 |
| Pressure (psi) | | |
| | Field | Corrected |
| IHM | 1768 | 1763 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 877 | 861 |
| Second Flow | Initial | 93 |
| | Final | 146 |
| Final Shut-in | 877 | 862 |
| FHM | 1753 | 1751 |

| FLOW DESCRIPTION | |
|----------------------------|--|
| Good blow throughout test. | |

| WELL DATA | |
|---------------------|------------------------|
| Drilling Contractor | Murfin Drilling Co. |
| Rig No. | --- |
| Operator | Midwest Oil Corp. |
| Well Name & No. | Blees No. 1 |
| Location | Sec. 5 Twp. 1S Rg. 26W |
| County | Decatur |
| State | Kansas |
| Field | Wildcat |
| Elevation | 2505 K. B. |
| Interval Tested | 3380-3410' |
| Formation | Lansing |
| Date of Test | 5/30/69 |
| Total Depth | 3410' |

| TOOL & HOLE DATA | |
|-----------------------------|--------------------|
| Main Hole Size | 7-7/8" |
| Drill Pipe - O.D. & Wt. | 4 1/2" - 16.60# |
| Drill Collars - I.D. & Type | 2 1/2" |
| Drill Collars - Length | 180' |
| Top Choke - Size | 1" Adj. |
| Bottom Choke - Size | 5/8" |
| Anchor Size & Length | 5" |
| Number & Size of Packers | 2, 6-5/8" |
| Cushion | None |
| Mud Weight | 9.3 Vis. 42 |
| Mud Type | Gel. Water Loss 6. |
| Chloride Content | 1500 ppm. |
| Tester | O. E. Hamilton |
| Approved By | Douglas W. Marden |

RECOVERY IN PIPE: 450 feet total fluid: 30 feet slightly oil-cut mud.
60 feet mud.
360 feet mud-cut salt water (slightly oil-cut).
56,000 ppm. chloride
Resistivity: 0.08 at 80°F.

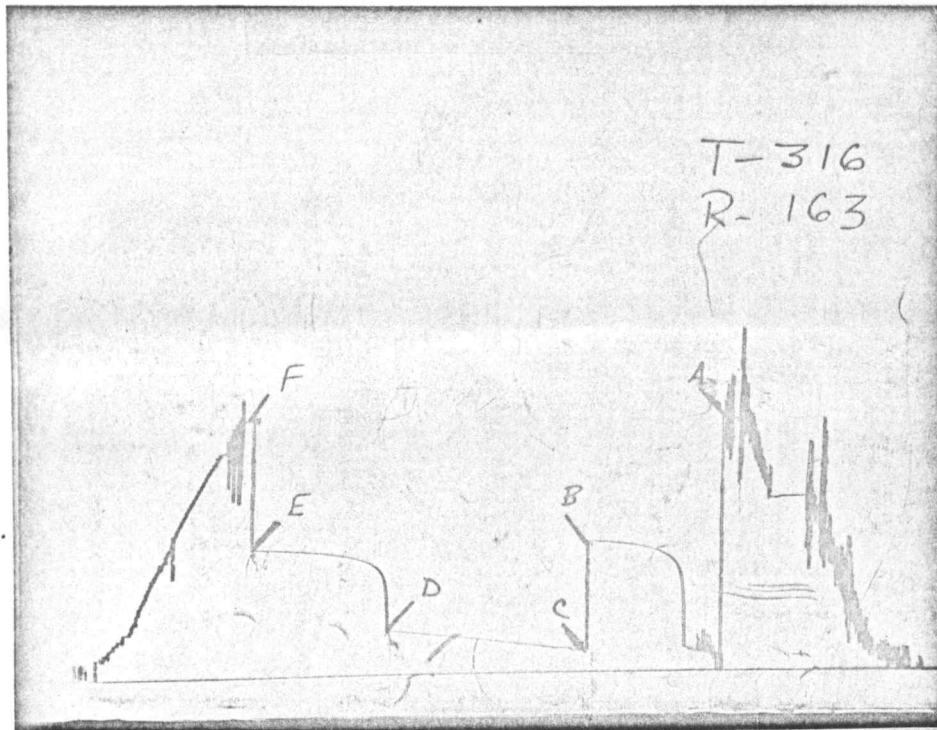
OPERATOR: Midwest Oil Corp.
ADDRESS: 1700 Broadway, Denver, Colorado
DATE: 5/30/69
WELL NAME & NO.: Blees No. 1
TICKET NO.: 316
D.S.T. No.: 4

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
Gillette, Wyoming 82716

Ticket No. 316

Recorder No. 163 at 3407 feet.

Capacity 5000 psi.



PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.

So. Loop Road
Gillette, Wyoming 82716

Phone (307) 682-5415

| TIME DATA | |
|--|---------|
| Opened Tool for 1st Flow at 8:42 P. M. | |
| First Flow | 20 Min. |
| Initial Shut-in | 45 Min. |
| Second Flow | 60 Min. |
| Final Shut-in | 60 Min. |

| PRESSURE DATA | | |
|-------------------|-----------|-----------|
| Recorder No. 163 | at | 3441' |
| Capacity 5000 psi | Clock No. | 210 |
| Pressure (psi) | | |
| | Field | Corrected |
| IHM | 1795 | 1789 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 784 | 778 |
| Second Flow | Initial | 39 |
| | Final | 79 |
| Final Shut-in | 691 | 695 |
| FHM | 1782 | 1783 |

| FLOW DESCRIPTION | |
|-------------------------------|--|
| Weak blow; died in 5 minutes. | |

| WELL DATA | |
|---------------------|-------------------------|
| Drilling Contractor | Murfin Drilling Company |
| Rig No. | --- |
| Operator | Midwest Oil Corp. |
| Well Name & No. | Blees No. 1 |
| Location | Sec. 5 Twp. 1S Rg. 26W |
| County | Decatur |
| State | Kansas |
| Field | Wildcat |
| Elevation | 2505 K. B. |
| Interval Tested | 3410-3444' |
| Formation | Lansing |
| Date of Test | 5/30/69 |
| Total Depth | 3444' |

| TOOL & HOLE DATA | |
|-----------------------------|-------------------|
| Main Hole Size | 7-7/8" |
| Drill Pipe - O.D. & Wt. | 4 1/2" - 16.60# |
| Drill Collars - I.D. & Type | 2 1/2" |
| Drill Collars - Length | 180' |
| Top Choke - Size | 1" Adj. |
| Bottom Choke - Size | 5/8" |
| Anchor Size & Length | 5" |
| Number & Size of Packers | 2, 6-5/8" |
| Cushion | None |
| Mud Weight | 9.3 |
| Vis. | 42 |
| Mud Type | Gel. |
| Water Loss | 6 |
| Chloride Content | 1500 ppm. |
| B.H. Temp. | 112°F. |
| Tester | O. E. Hamilton |
| Approved By | Douglas W. Marden |

RECOVERY IN PIPE: 30 feet drilling fluid.

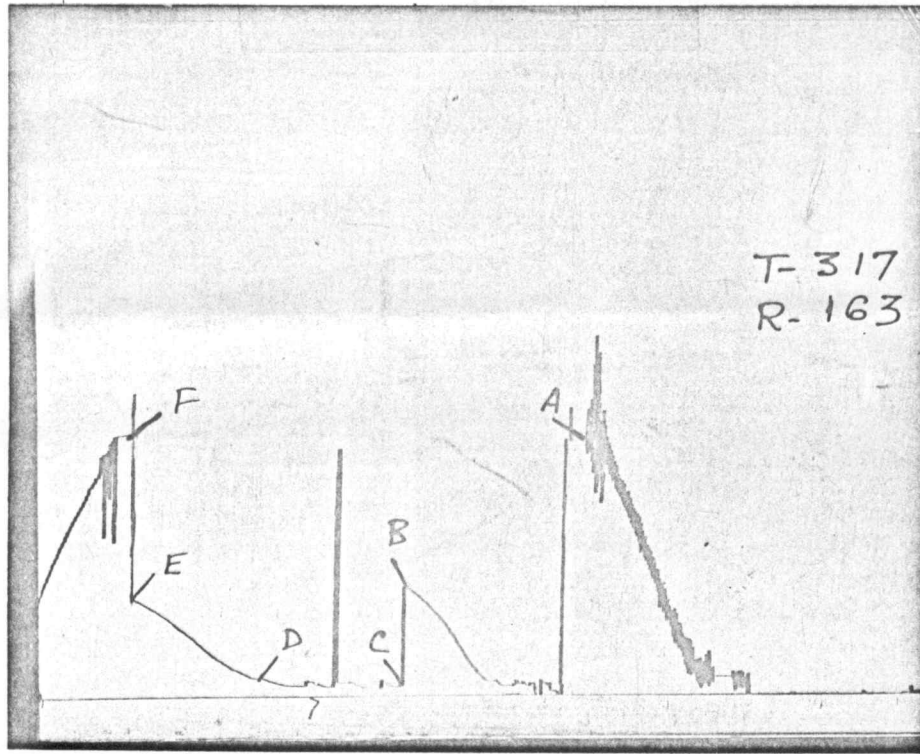
OPERATOR: Midwest Oil Corp.
ADDRESS: 1700 Broadway, Denver, Colorado
DATE: 5/30/69
WELL NAME & NO.: Blees No. 1
TICKET NO.: 317
D.S.T. No.: 5

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
Gillette, Wyoming 82716

Ticket No. 317

Recorder No. 163 at 3441 feet.

Capacity 5000 psi.



PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.

So. Loop Road
Gillette, Wyoming 82716

Phone (307) 682-5415

| TIME DATA | |
|---------------------------------------|---------|
| Opened Tool for 1st Flow at 8:25 A.M. | |
| First Flow | 20 Min. |
| Initial Shut-in | 45 Min. |
| Second Flow | 60 Min. |
| Final Shut-in | 60 Min. |

| PRESSURE DATA | | |
|-------------------|-----------|-----------|
| Recorder No. 163 | at | 3468' |
| Capacity 5000 psi | Clock No. | 210 |
| Pressure (psi) | | |
| | Field | Corrected |
| IHM | 1795 | 1791 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 26 | 24 |
| Second Flow | Initial | 26 |
| | Final | 26 |
| Final Shut-in | 26 | 24 |
| FHM | 1795 | 1790 |

| FLOW DESCRIPTION | |
|------------------------------|--|
| Weak blow; died in 1 minute. | |

| WELL DATA | |
|---------------------|------------------------|
| Drilling Contractor | Murfin Drilling Co. |
| Rig No. | --- |
| Operator | Midwest Oil Corp. |
| Well Name & No. | Blees No. 1 |
| Location | Sec. 5 Twp. 1S Rg. 26W |
| County | Decatur |
| State | Kansas |
| Field | Wildcat |
| Elevation | 2505 K. B. |
| Interval Tested | 3440-3471' |
| Formation | Lansing |
| Date of Test | 5/31/69 |
| Total Depth | 3471' |

| TOOL & HOLE DATA | |
|-----------------------------|-----------------|
| Main Hole Size | 7-7/8" |
| Drill Pipe - O.D. & Wt. | 4 1/2" - 16.60# |
| Drill Collars - I.D. & Type | 2 1/2" |
| Drill Collars - Length | 180' |
| Top Choke - Size | 1" Adj. |
| Bottom Choke - Size | 5/8" |
| Anchor Size & Length | 5" |
| Number & Size of Packers | 2, 6-5/8" |
| Cushion | None |
| Mud Weight | 9.3 |
| Vis. | 42 |
| Mud Type | Gel. |
| Water Loss | 6 |
| Chloride Content | 1500 ppm. |
| B.H. Temp. | 112°F. |

| | |
|-------------|-------------------|
| Tester | O. E. Hamilton |
| Approved By | Douglas W. Marden |

RECOVERY IN PIPE: 3 feet drilling fluid.

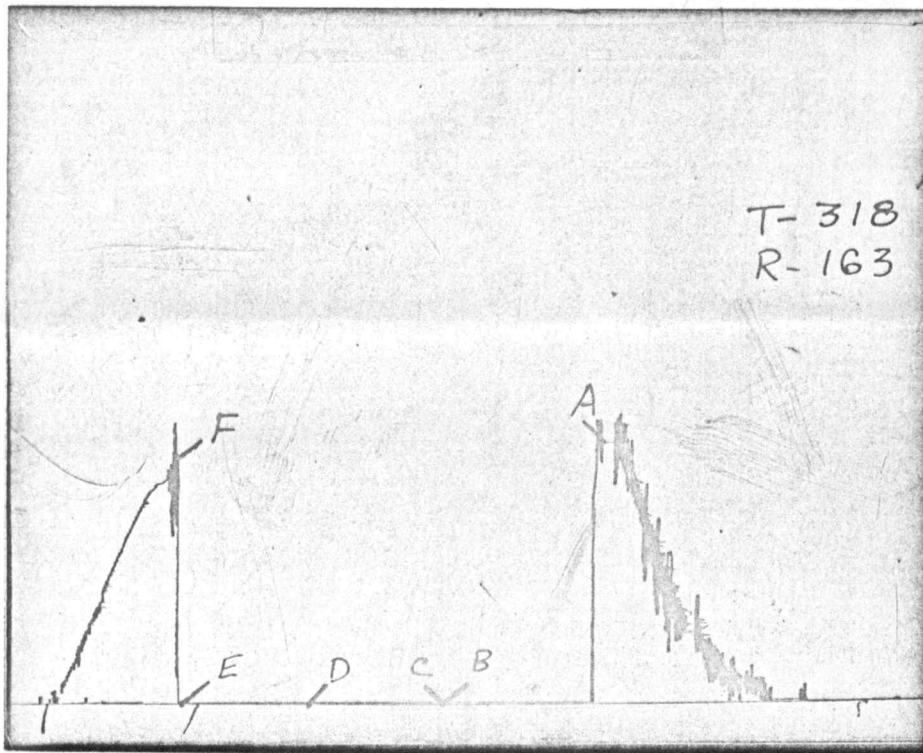
OPERATOR: Midwest Oil Corp.
 ADDRESS: 1700 Broadway, Denver, Colorado
 WELL NAME & NO.: Blees No. 1
 DATE: 5/31/69
 TICKET NO.: 318
 D.S.I. No.: 6

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
Gillette, Wyoming 82716

Ticket No. 318

Recorder No. 163 at 3468 feet.

Capacity 5000 psi



PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.

So. Loop Road
Gillette, Wyoming 82716

Phone (307) 682-5415

| TIME DATA | |
|--|---------|
| Opened Tool for 1st Flow at 3:40 A. M. | |
| First Flow | 20 Min. |
| Initial Shut-in | 45 Min. |
| Second Flow | 60 Min. |
| Final Shut-in | 60 Min. |

| PRESSURE DATA | | |
|-------------------|-----------|-----------|
| Recorder No. 163 | at | 3583' |
| Capacity 5000 psi | Clock No. | 210 |
| Pressure (psi) | | |
| | Field | Corrected |
| IHM | 1835 | 1827 |
| First Flow | Initial | |
| | Final | |
| Initial Shut-in | 651 | 648 |
| Second Flow | Initial | 13 |
| | Final | 26 |
| Final Shut-in | 279 | 281 |
| FHM | 1835 | 1832 |

| FLOW DESCRIPTION | |
|--------------------------------|--|
| Weak blow; died in 15 minutes. | |

| WELL DATA | |
|---------------------|-----------------------|
| Drilling Contractor | Murfin Drilling Co. |
| Rig No. | --- |
| Operator | Midwest Oil Corp. |
| Well Name & No. | Blees No. 1 |
| Location | Sec. 5 Twp. 1S Rg.26W |
| County | Decatur |
| State | Kansas |
| Field | Wildcat |
| Elevation | 2505 K. B. |
| Interval Tested | 3557-3586' |
| Formation | Reagan |
| Date of Test | 6/1/69 |
| Total Depth | 3586' |

| TOOL & HOLE DATA | |
|-----------------------------|-------------------|
| Main Hole Size | 7-7/8" |
| Drill Pipe - O.D. & Wt. | 4 1/2" - 16.60# |
| Drill Collars - I.D. & Type | 2 1/2" |
| Drill Collars - Length | 180' |
| Top Choke - Size | 1" Adj. |
| Bottom Choke - Size | 5/8" |
| Anchor Size & Length | 5" |
| Number & Size of Packers | 2, 6-5/8" |
| Cushion | None |
| Mud Weight | 9.3 |
| Vis. | 52 |
| Mud Type | Gel. |
| Water Loss | 6 |
| Choride Content | 1500 ppm. |
| B.H. Temp. | 114°F. |
| Tester | O. E. Hamilton |
| Approved By | Douglas W. Marden |

RECOVERY IN PIPE: 20 feet heavily oil and gas-cut mud.

OPERATOR: Midwest Oil Corp.
 ADDRESS: 1700 Broadway, Denver, Colorado
 DATE: 6/1/69
 WELL NAME & NO.: Blees No. 1
 D.S.T. No. 7
 TICKET NO. 319

PERMIAN TESTERS of ROCKY MOUNTAINS, Inc.
Gillette, Wyoming 82716

Ticket No. 319

Recorder No. 163 at 3583 feet.

Capacity 5000 psi.

