

DST REPORT

GENERAL INFORMATION

DATE : 12/7/95
CUSTOMER : MCGINNESS OIL COMPANY
WELL : #1 TEST: 1
ELEVATION: 1852 KB
SECTION : 1
RANGE : 12W COUNTY: BARBER
GAUGE SN#: 2604 RANGE : 4150
TICKET : 21139
LEASE : MARTIN
GEOLOGIST: MCGINNESS
FORMATION: INDIAN CAVE
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2720.00 ft TO: 2770.00 ft TVD: 2770.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 2762.0 ft 2765.0 ft
TEMPERATURE: 96.0
DRILL COLLAR LENGTH: 303.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 2389.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 50.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 2715.0 ft SIZE: 6.630 in
PACKER DEPTH: 2720.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : BLUE GOOSE DRLG
MUD TYPE : CHEMICAL
WEIGHT : 8.900 ppg
CHLORIDES : 4500 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO
VISCOSITY : 48.00 cp
WATER LOSS: 11.200 cc
SERIAL NUMBER: 411
REVERSED OUT?: NO

COMMENTS

Comment

STRONG BLOW IN 1 MINUTE. GAS TO SURFACE IN 15 MINUTES.
LOST CIRCULATION JUST PRIOR TO TEST.

DST REPORT (CONTINUED)

FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments |
|------------------|----------|----------|------------|----------|-------------|
| 365.0 | 0.0 | 10.0 | 0.0 | 90.0 | GAS CUT MUD |

RATE INFORMATION

| | | | | | |
|---------------|--------|-----|---------------------|---------|-------|
| OIL VOLUME: | 0.0000 | STB | TOTAL FLOW TIME: | 60.0000 | min. |
| GAS VOLUME: | 1.3249 | SCF | AVERAGE OIL RATE: | 0.0000 | STB/D |
| MUD VOLUME: | 2.1237 | STB | AVERAGE WATER RATE: | 0.0000 | STB/D |
| WATER VOLUME: | 0.0000 | STB | | | |
| TOTAL FLUID : | 2.1237 | STB | | | |

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1213.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|--------|
| INITIAL FLOW | 30.00 | 85.00 | 85.00 |
| INITIAL SHUT-IN | 30.00 | | 320.00 |
| FINAL FLOW | 30.00 | 106.00 | 106.00 |
| FINAL SHUT-IN | 60.00 | | 320.00 |

FINAL HYDROSTATIC PRESSURE: 1296.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1304.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|--------|
| INITIAL FLOW | 30.00 | 144.11 | 110.44 |
| INITIAL SHUT-IN | 30.00 | | 328.22 |
| FINAL FLOW | 30.00 | 166.77 | 148.18 |
| FINAL SHUT-IN | 60.00 | | 339.32 |

FINAL HYDROSTATIC PRESSURE: 1273.00

GAS FLOW REPORT

GENERAL INFORMATION

| | |
|----------------------------------|------------------------|
| DATE : 12/7/95 | TICKET : 21139 |
| CUSTOMER : MCGINNESS OIL COMPANY | LEASE : MARTIN |
| WELL : #1 | TEST: 1 |
| ELEVATION: 1852 KB | GEOLOGIST: MCGINNESS |
| SECTION : 1 | FORMATION: INDIAN CAVE |
| RANGE : 12W | TOWNSHIP : 30S |
| COUNTY: BARBER | STATE : KS |
| RANGE : 4150 | CLOCK : 12 |
| GAUGE SN#: 2604 | |

PRE FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|-----------|-------------|
| 20 MIN | MERLA | 0.500 | 26" WATER | 31900 SCF/D |
| 25 MIN | MERLA | 0.500 | 28" WATER | 33200 SCF/D |
| 30 MIN | MERLA | 0.500 | 28" WATER | 33200 SCF/D |

SECOND FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|-----------|-------------|
| 10 MIN | MERLA | 0.500 | 28" WATER | 33200 SCF/D |
| 20 MIN | MERLA | 0.500 | 30" WATER | 34300 SCF/D |
| 30 MIN | MERLA | 0.500 | 30" WATER | 34300 SCF/D |

Company: MCGINNESS OIL COMPANY

Well: MARTIN #1 DST #1

Field: Field Name

[Friday: Dec. 1, 1995]

Page 1

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|------------------------|-----|-----------|----------|------------|
| ----- | | | | |
| INITIAL FLOW PERIOD | | | | |
| 1 | 0 | 12:26:24 | 0.0000 | 144.11 |
| 6 | 0 | 12:27: 0 | 0.0100 | 144.09 |
| 23 | 0 | 12:29: 2 | 0.0439 | 135.17 |
| 40 | 0 | 12:31: 4 | 0.0778 | 128.02 |
| 57 | 0 | 12:33: 6 | 0.1117 | 122.63 |
| 74 | 0 | 12:35: 9 | 0.1456 | 119.02 |
| 91 | 0 | 12:37:11 | 0.1796 | 118.07 |
| 108 | 0 | 12:39:13 | 0.2135 | 116.23 |
| 125 | 0 | 12:41:15 | 0.2475 | 115.28 |
| 142 | 0 | 12:43:18 | 0.2815 | 114.32 |
| 159 | 0 | 12:45:20 | 0.3154 | 112.48 |
| 176 | 0 | 12:47:22 | 0.3494 | 112.42 |
| 193 | 0 | 12:49:24 | 0.3834 | 111.46 |
| 210 | 0 | 12:51:27 | 0.4173 | 111.40 |
| 227 | 0 | 12:53:29 | 0.4513 | 110.44 |
| INITIAL SHUT IN PERIOD | | | | |
| 243 | 0 | 12:55:24 | 0.4833 | 115.69 |
| 244 | 0 | 12:55:31 | 0.4853 | 116.58 |
| 261 | 0 | 12:57:36 | 0.5200 | 190.91 |
| 278 | 0 | 12:59:40 | 0.5543 | 224.51 |
| 295 | 0 | 13: 1:43 | 0.5885 | 243.92 |
| 312 | 0 | 13: 3:46 | 0.6226 | 256.26 |
| 329 | 0 | 13: 5:48 | 0.6567 | 265.93 |
| 346 | 0 | 13: 7:51 | 0.6907 | 272.95 |
| 363 | 0 | 13: 9:54 | 0.7248 | 283.51 |
| 380 | 0 | 13:11:56 | 0.7589 | 292.31 |
| 397 | 0 | 13:13:59 | 0.7929 | 298.44 |
| 414 | 0 | 13:16: 1 | 0.8269 | 305.46 |
| 431 | 0 | 13:18: 4 | 0.8610 | 312.48 |
| 448 | 0 | 13:20: 6 | 0.8950 | 318.61 |
| 465 | 0 | 13:22: 9 | 0.9290 | 322.97 |
| 482 | 0 | 13:24:11 | 0.9631 | 328.22 |
| FINAL FLOW PERIOD | | | | |
| 490 | 0 | 13:31: 3 | 1.0773 | 166.77 |

WESTERN TESTING CO., INC.

Company: MCGINNESS OIL COMPANY

Well: MARTIN #1 DST #1

Field: Field Name

[Friday: Dec. 1, 1995]

Page 2

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|----------------------|-----|-----------|----------|------------|
| 507 | 0 | 13:33: 5 | 1.1113 | 165.82 |
| 524 | 0 | 13:35: 7 | 1.1452 | 159.55 |
| 541 | 0 | 13:37: 9 | 1.1791 | 155.06 |
| 558 | 0 | 13:39:11 | 1.2131 | 151.45 |
| 575 | 0 | 13:41:14 | 1.2470 | 149.61 |
| 592 | 0 | 13:43:16 | 1.2810 | 148.65 |
| 609 | 0 | 13:45:18 | 1.3150 | 148.59 |
| 626 | 0 | 13:47:20 | 1.3489 | 148.52 |
| 643 | 0 | 13:49:23 | 1.3829 | 147.57 |
| 660 | 0 | 13:51:25 | 1.4169 | 146.61 |
| 677 | 0 | 13:53:27 | 1.4508 | 146.54 |
| 694 | 0 | 13:55:30 | 1.4848 | 146.48 |
| 711 | 0 | 13:57:32 | 1.5188 | 148.18 |
| FINAL SHUT IN PERIOD | | | | |
| 712 | 0 | 13:57:39 | 1.5208 | 149.06 |
| 728 | 0 | 13:59:36 | 1.5533 | 197.72 |
| 745 | 0 | 14: 1:39 | 1.5875 | 222.45 |
| 762 | 0 | 14: 3:42 | 1.6216 | 237.44 |
| 779 | 0 | 14: 5:45 | 1.6557 | 248.00 |
| 796 | 0 | 14: 7:47 | 1.6898 | 256.79 |
| 813 | 0 | 14: 9:50 | 1.7238 | 264.70 |
| 830 | 0 | 14:11:52 | 1.7578 | 270.83 |
| 847 | 0 | 14:13:55 | 1.7919 | 277.85 |
| 864 | 0 | 14:15:58 | 1.8259 | 283.98 |
| 881 | 0 | 14:18: 0 | 1.8599 | 287.46 |
| 898 | 0 | 14:20: 2 | 1.8939 | 291.82 |
| 915 | 0 | 14:22: 5 | 1.9280 | 296.18 |
| 932 | 0 | 14:24: 7 | 1.9620 | 299.66 |
| 949 | 0 | 14:26:10 | 1.9960 | 304.02 |
| 966 | 0 | 14:28:12 | 2.0300 | 309.27 |
| 983 | 0 | 14:30:15 | 2.0640 | 310.97 |
| 1000 | 0 | 14:32:17 | 2.0980 | 314.44 |
| 1017 | 0 | 14:34:19 | 2.1320 | 317.92 |
| 1034 | 0 | 14:36:22 | 2.1660 | 320.51 |
| 1051 | 0 | 14:38:24 | 2.2000 | 322.21 |

WESTERN TESTING CO., INC.

Company: MCGINNESS OIL COMPANY

Well: MARTIN #1 DST #1

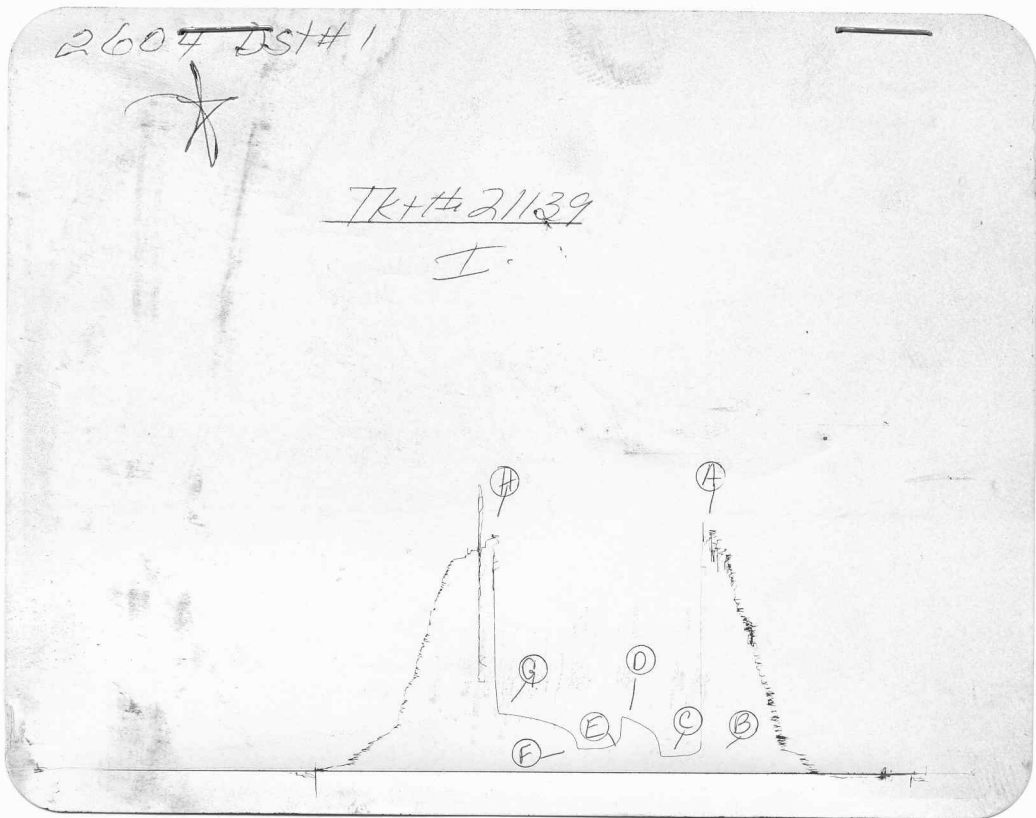
[Friday: Dec. 1, 1995]

Field: Field Name

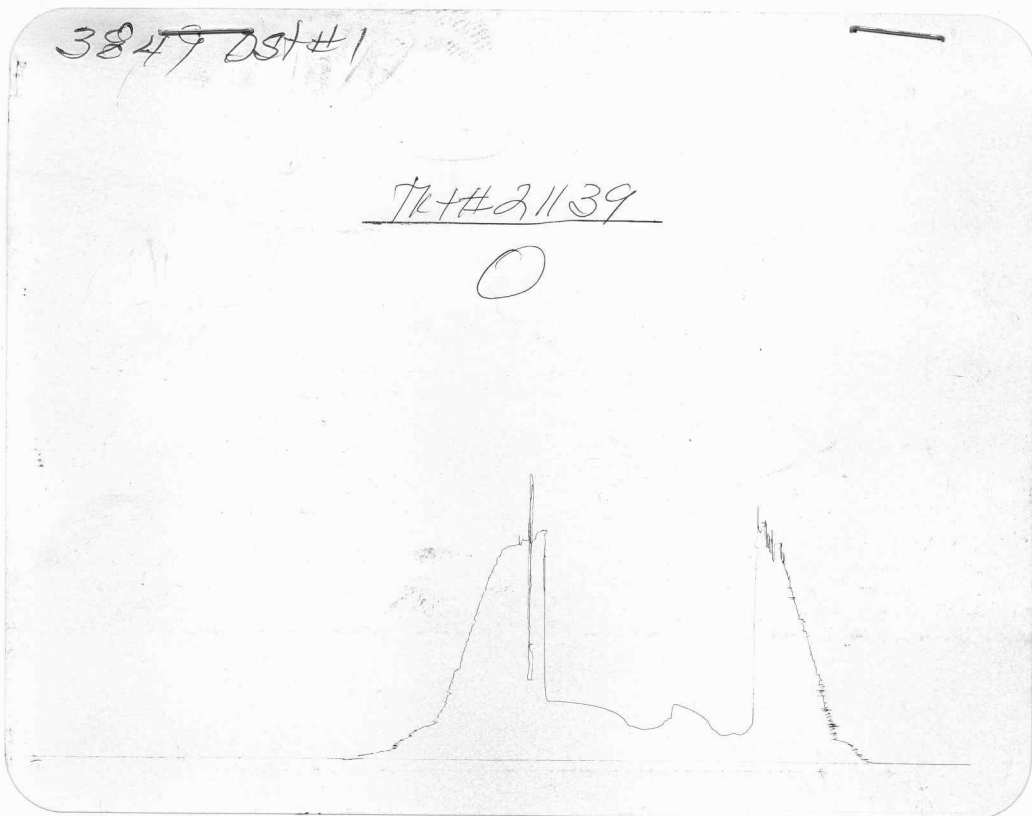
Page 3

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|----------|-----|--------------|-------------|---------------|
| 1068 | 0 | 14:40:27 | 2.2340 | 324.80 |
| 1085 | 0 | 14:42:29 | 2.2680 | 327.39 |
| 1102 | 0 | 14:44:31 | 2.3020 | 330.87 |
| 1119 | 0 | 14:46:34 | 2.3360 | 331.69 |
| 1136 | 0 | 14:48:36 | 2.3700 | 333.39 |
| 1153 | 0 | 14:50:38 | 2.4039 | 335.10 |
| 1170 | 0 | 14:52:41 | 2.4379 | 336.80 |
| 1187 | 0 | 14:54:43 | 2.4719 | 337.62 |
| 1204 | 0 | 14:56:46 | 2.5059 | 339.32 |

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

| | | | |
|-----------|-------------------------|----------------|----------------------|
| DATE | : 12/8/95 | TICKET | : 21140 |
| CUSTOMER | : MCGINNESS OIL COMPANY | LEASE | : MARTIN |
| WELL | : #1 | TEST: 2 | GEOLOGIST: MCGINNESS |
| ELEVATION | : 1852 KB | FORMATION | : TARKIO |
| SECTION | : 1 | TOWNSHIP | : 30S |
| RANGE | : 12W | COUNTY: BARBER | STATE : KS |
| GAUGE SN# | : 2604 | RANGE : 4150 | CLOCK : 12 |

WELL INFORMATION

| | | | | | |
|----------------------------|------------|--------------------|------------|------------|-----------|
| PERFORATION INTERVAL FROM: | 2938.00 ft | TO: | 2960.00 ft | TVD: | 2960.0 ft |
| DEPTH OF SELECTIVE ZONE: | | | | TEST TYPE: | GAS |
| DEPTH OF RECORDERS: | 2952.0 ft | | 2955.0 ft | | |
| TEMPERATURE: | 102.0 | | | | |
| DRILL COLLAR LENGTH: | 303.0 ft | I.D.: | | 2.250 in | |
| WEIGHT PIPE LENGTH : | 0.0 ft | I.D.: | | 0.000 in | |
| DRILL PIPE LENGTH : | 2607.0 ft | I.D.: | | 3.800 in | |
| TEST TOOL LENGTH : | 28.0 ft | TOOL SIZE : | | 5.500 in | |
| ANCHOR LENGTH : | 22.0 ft | ANCHOR SIZE: | | 5.500 in | |
| SURFACE CHOKE SIZE : | 0.750 in | BOTTOM CHOKE SIZE: | | 0.750 in | |
| MAIN HOLE SIZE : | 7.875 in | TOOL JOINT SIZE : | | 4.5XH | |
| PACKER DEPTH: | 2933.0 ft | SIZE: | | 6.630 in | |
| PACKER DEPTH: | 2938.0 ft | SIZE: | | 6.630 in | |
| PACKER DEPTH: | 0.0 ft | SIZE: | | 0.000 in | |
| PACKER DEPTH: | 0.0 ft | SIZE: | | 0.000 in | |

MUD INFORMATION

| | | | |
|-----------------|-----------------|----------------|-----------|
| DRILLING CON. : | BLUE GOOSE DRLG | VISCOSITY : | 53.00 cp |
| MUD TYPE : | CHEMICAL | WATER LOSS: | 12.800 cc |
| WEIGHT : | 8.900 ppg | SERIAL NUMBER: | 411 |
| CHLORIDES : | 7000 ppm | REVERSED OUT?: | NO |
| JARS-MAKE : | WTC | | |
| DID WELL FLOW?: | NO | | |

COMMENTS

Comment

STRONG BLOW IN 1 MINUTE. GAS TO SURFACE IN 1 MINUTE.

DST REPORT (CONTINUED)

FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments |
|------------------|----------|----------|------------|----------|----------|
| 25.0 | 0.0 | 0.0 | 0.0 | 100.0 | MUD |

RATE INFORMATION

| | | | |
|---------------|------------|---------------------|--------------|
| OIL VOLUME: | 0.0000 STB | TOTAL FLOW TIME: | 60.0000 min. |
| GAS VOLUME: | 0.0000 SCF | AVERAGE OIL RATE: | 0.0000 STB/D |
| MUD VOLUME: | 0.1229 STB | AVERAGE WATER RATE: | 0.0000 STB/D |
| WATER VOLUME: | 0.0000 STB | | |
| TOTAL FLUID : | 0.1229 STB | | |

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1474.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|---------|
| INITIAL FLOW | 30.00 | 63.00 | 63.00 |
| INITIAL SHUT-IN | 30.00 | | 1004.00 |
| FINAL FLOW | 30.00 | 127.00 | 106.00 |
| FINAL SHUT-IN | 60.00 | | 1004.00 |

FINAL HYDROSTATIC PRESSURE: 1422.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1421.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|---------|
| INITIAL FLOW | 30.00 | 161.99 | 98.84 |
| INITIAL SHUT-IN | 30.00 | | 1008.22 |
| FINAL FLOW | 30.00 | 239.34 | 159.39 |
| FINAL SHUT-IN | 60.00 | | 1016.22 |

FINAL HYDROSTATIC PRESSURE: 1419.00

GAS FLOW REPORT

GENERAL INFORMATION

| | |
|----------------------------------|----------------------|
| DATE : 12/8/95 | TICKET : 21140 |
| CUSTOMER : MCGINNESS OIL COMPANY | LEASE : MARTIN |
| WELL : #1 | TEST: 2 |
| ELEVATION: 1852 KB | GEOLOGIST: MCGINNESS |
| SECTION : 1 | FORMATION: TARKIO |
| RANGE : 12W | TOWNSHIP : 30S |
| COUNTY: BARBER | STATE : KS |
| GAUGE SN#: 2604 | RANGE : 4150 |
| | CLOCK : 12 |

PRE FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|--------------|
| 20 MIN | MERLA | 0.500 | 24 PSIG | 200000 SCF/D |
| 30 MIN | MERLA | 0.500 | 24 PSIG | 200000 SCF/D |

SECOND FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|--------------|
| 10 MIN | MERLA | 0.500 | 34 PSIG | 253000 SCF/D |
| 20 MIN | MERLA | 0.500 | 38 PSIG | 275000 SCF/D |
| 30 MIN | MERLA | 0.500 | 38 PSIG | 275000 SCF/D |

Company: MCGINNESS OIL COMPANY

Well: MARTIN #1 DST#2

[Friday: Dec. 8, 1995]

Field: Field Name

Page 1

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|------------------------|-----|-----------|----------|------------|
| ----- | | | | |
| INITIAL FLOW PERIOD | | | | |
| 1 | 0 | 20:40: 2 | 0.0000 | 161.99 |
| 18 | 0 | 20:42: 4 | 0.0339 | 123.88 |
| 35 | 0 | 20:44: 6 | 0.0678 | 114.12 |
| 52 | 0 | 20:46: 8 | 0.1018 | 106.12 |
| 69 | 0 | 20:48:10 | 0.1357 | 101.68 |
| 86 | 0 | 20:50:12 | 0.1697 | 98.11 |
| 103 | 0 | 20:52:15 | 0.2036 | 96.32 |
| 120 | 0 | 20:54:17 | 0.2376 | 96.30 |
| 137 | 0 | 20:56:19 | 0.2716 | 94.51 |
| 154 | 0 | 20:58:22 | 0.3055 | 93.61 |
| 171 | 0 | 21: 0:24 | 0.3395 | 94.47 |
| 188 | 0 | 21: 2:26 | 0.3735 | 96.22 |
| 205 | 0 | 21: 4:29 | 0.4075 | 96.20 |
| 222 | 0 | 21: 6:31 | 0.4414 | 98.84 |
| INITIAL SHUT IN PERIOD | | | | |
| 235 | 0 | 21: 8: 5 | 0.4675 | 120.97 |
| 239 | 0 | 21: 8:34 | 0.4757 | 192.72 |
| 255 | 0 | 21:10:36 | 0.5095 | 794.09 |
| 272 | 0 | 21:12:39 | 0.5437 | 886.88 |
| 289 | 0 | 21:14:42 | 0.5778 | 917.21 |
| 306 | 0 | 21:16:44 | 0.6118 | 937.14 |
| 323 | 0 | 21:18:47 | 0.6458 | 951.00 |
| 340 | 0 | 21:20:49 | 0.6798 | 960.52 |
| 357 | 0 | 21:22:51 | 0.7138 | 970.04 |
| 374 | 0 | 21:24:54 | 0.7478 | 978.70 |
| 391 | 0 | 21:26:56 | 0.7818 | 983.88 |
| 408 | 0 | 21:28:58 | 0.8158 | 989.93 |
| 425 | 0 | 21:31: 1 | 0.8498 | 994.25 |
| 442 | 0 | 21:33: 3 | 0.8837 | 997.70 |
| 459 | 0 | 21:35: 6 | 0.9177 | 1002.95 |
| 476 | 0 | 21:37: 8 | 0.9517 | 1002.93 |
| 493 | 0 | 21:39:10 | 0.9857 | 1008.22 |
| FINAL FLOW PERIOD | | | | |
| 497 | 0 | 21:41:47 | 1.0294 | 239.34 |

WESTERN TESTING CO., INC.

Company: MCGINNESS OIL COMPANY

Well: MARTIN #1 DST#2

[Friday: Dec. 8, 1995]

Field: Field Name

Page 2

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|-------|-----|----------------------|----------|------------|
| 514 | 0 | 21:43:49 | 1.0633 | 216.29 |
| 531 | 0 | 21:45:52 | 1.0972 | 198.56 |
| 548 | 0 | 21:47:54 | 1.1311 | 187.91 |
| 565 | 0 | 21:49:56 | 1.1651 | 180.80 |
| 582 | 0 | 21:51:58 | 1.1990 | 174.58 |
| 599 | 0 | 21:54: 0 | 1.2330 | 171.91 |
| 616 | 0 | 21:56: 3 | 1.2670 | 166.57 |
| 633 | 0 | 21:58: 5 | 1.3009 | 164.78 |
| 650 | 0 | 22: 0: 7 | 1.3349 | 162.11 |
| 667 | 0 | 22: 2:10 | 1.3689 | 160.31 |
| 684 | 0 | 22: 4:12 | 1.4028 | 159.41 |
| 701 | 0 | 22: 6:14 | 1.4368 | 159.39 |
| | | FINAL SHUT IN PERIOD | | |
| 718 | 0 | 22: 8:16 | 1.4708 | 156.71 |
| 735 | 0 | 22:10:24 | 1.5061 | 635.67 |
| 752 | 0 | 22:12:28 | 1.5407 | 843.81 |
| 769 | 0 | 22:14:31 | 1.5748 | 873.28 |
| 786 | 0 | 22:16:34 | 1.6088 | 895.82 |
| 803 | 0 | 22:18:36 | 1.6428 | 909.67 |
| 820 | 0 | 22:20:38 | 1.6769 | 922.67 |
| 837 | 0 | 22:22:41 | 1.7109 | 934.79 |
| 854 | 0 | 22:24:43 | 1.7449 | 946.91 |
| 871 | 0 | 22:26:46 | 1.7789 | 952.96 |
| 888 | 0 | 22:28:48 | 1.8129 | 960.75 |
| 905 | 0 | 22:30:50 | 1.8468 | 967.67 |
| 922 | 0 | 22:32:53 | 1.8808 | 972.86 |
| 939 | 0 | 22:34:55 | 1.9148 | 977.17 |
| 956 | 0 | 22:36:57 | 1.9488 | 982.36 |
| 973 | 0 | 22:39: 0 | 1.9828 | 987.54 |
| 990 | 0 | 22:41: 2 | 2.0168 | 990.99 |
| 1007 | 0 | 22:43: 4 | 2.0508 | 993.58 |
| 1024 | 0 | 22:45: 7 | 2.0847 | 996.16 |
| 1041 | 0 | 22:47: 9 | 2.1187 | 999.61 |
| 1058 | 0 | 22:49:11 | 2.1527 | 1003.12 |
| 1075 | 0 | 22:51:14 | 2.1867 | 1004.88 |

WESTERN TESTING CO., INC.

Company: MCGINNESS OIL COMPANY

Well: MARTIN #1 DST#2

[Friday: Dec. 8, 1995]

Field: Field Name

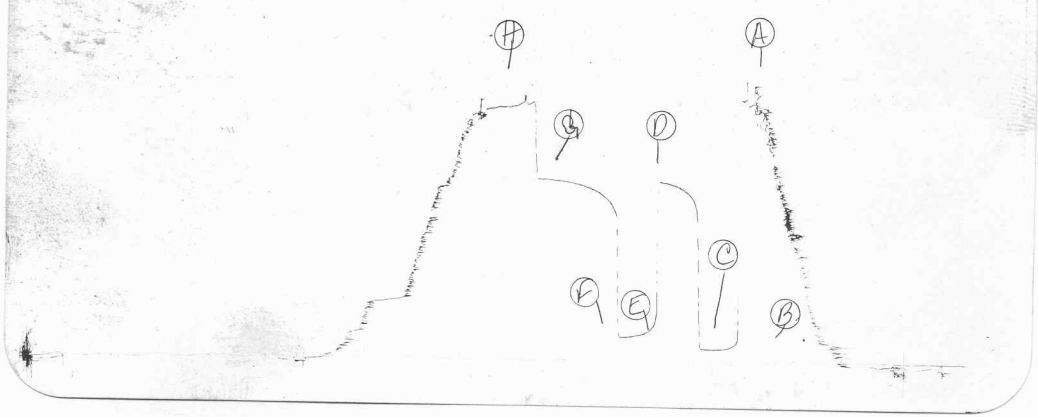
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| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|----------|-----|--------------|-------------|---------------|
| 1092 | 0 | 22:53:16 | 2.2207 | 1007.51 |
| 1109 | 0 | 22:55:18 | 2.2546 | 1008.38 |
| 1126 | 0 | 22:57:21 | 2.2886 | 1010.13 |
| 1143 | 0 | 22:59:23 | 2.3226 | 1011.00 |
| 1160 | 0 | 23: 1:25 | 2.3566 | 1010.98 |
| 1177 | 0 | 23: 3:28 | 2.3905 | 1013.62 |
| 1194 | 0 | 23: 5:30 | 2.4245 | 1015.37 |
| 1211 | 0 | 23: 7:32 | 2.4585 | 1015.35 |
| 1228 | 0 | 23: 9:35 | 2.4925 | 1016.22 |

WESTERN TESTING CO., INC.

~~2604~~ DST#2
A

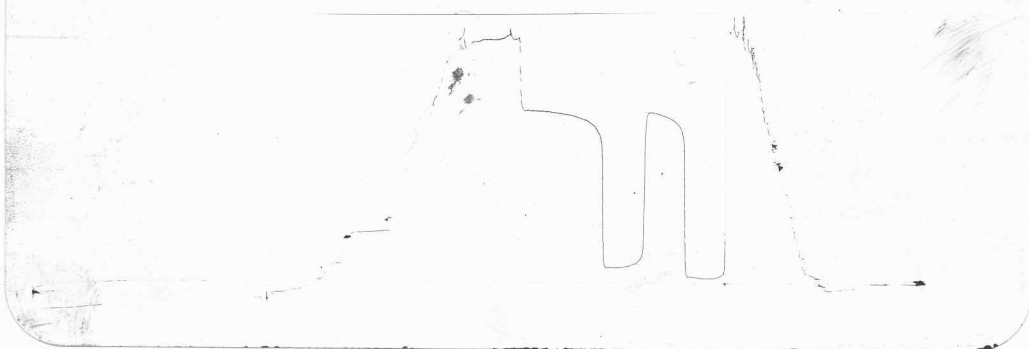
TK#21140
I



Inside Recorder

~~3849~~ DST#2

TK#21140
O



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 12/9/95
CUSTOMER : MCGINNESS OIL COMPANY
WELL : #1 TEST: 3
ELEVATION: 1852 KB
SECTION : 1
RANGE : 12W COUNTY: BARBER
GAUGE SN#: 2604 RANGE : 4150
TICKET : 21141
LEASE : MARTIN
GEOLOGIST: MCGINNESS
FORMATION: HOWARD
TOWNSHIP : 30S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 3095.00 ft TO: 3120.00 ft TVD: 3120.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 3112.0 ft 3115.0 ft
TEMPERATURE: 101.0
DRILL COLLAR LENGTH: 303.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 2764.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 28.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 25.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 3090.0 ft SIZE: 6.630 in
PACKER DEPTH: 3095.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : BLUE GOOSE DRLG
MUD TYPE : CHEMICAL
WEIGHT : 9.200 ppg
CHLORIDES : 9600 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO
VISCOSITY : 52.00 cp
WATER LOSS: 10.400 cc
SERIAL NUMBER: 411
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.
FINAL FLOW PERIOD GAS TO SURFACE.

DST REPORT (CONTINUED)

FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments |
|------------------|----------|----------|------------|----------|-----------|
| 75.0 | 0.0 | 10.0 | 0.0 | 90.0 | GASSY MUD |

RATE INFORMATION

| | | | | | |
|---------------|--------|-----|---------------------|---------|-------|
| OIL VOLUME: | 0.0000 | STB | TOTAL FLOW TIME: | 60.0000 | min. |
| GAS VOLUME: | 0.2071 | SCF | AVERAGE OIL RATE: | 0.0000 | STB/D |
| MUD VOLUME: | 0.3319 | STB | AVERAGE WATER RATE: | 0.0000 | STB/D |
| WATER VOLUME: | 0.0000 | STB | | | |
| TOTAL FLUID : | 0.3319 | STB | | | |

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1558.00

| Description | Duration | p1 | p End |
|-----------------|----------|-------|--------|
| INITIAL FLOW | 30.00 | 53.00 | 10.00 |
| INITIAL SHUT-IN | 30.00 | | 868.00 |
| FINAL FLOW | 30.00 | 53.00 | 10.00 |
| FINAL SHUT-IN | 30.00 | | 637.00 |

FINAL HYDROSTATIC PRESSURE: 1527.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1551.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|--------|
| INITIAL FLOW | 30.00 | 160.34 | 42.61 |
| INITIAL SHUT-IN | 30.00 | | 895.35 |
| FINAL FLOW | 30.00 | 123.33 | 42.94 |
| FINAL SHUT-IN | 30.00 | | 800.22 |

FINAL HYDROSTATIC PRESSURE: 1495.00

GAS FLOW REPORT

GENERAL INFORMATION

| | |
|---|----------------------|
| DATE : 12/9/95 | TICKET : 21141 |
| CUSTOMER : MCGINNESS OIL COMPANY | LEASE : MARTIN |
| WELL : #1 TEST: 3 | GEOLOGIST: MCGINNESS |
| ELEVATION: 1852 KB | FORMATION: HOWARD |
| SECTION : 1 | TOWNSHIP : 30S |
| RANGE : 12W COUNTY: BARBER | STATE : KS |
| GAUGE SN#: 2604 RANGE : 4150 | CLOCK : 12 |

PRE FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|------------|
|---------------------|----------------|-----------------|----------|------------|

SECOND FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|-------------|
| 10 MIN | MERLA | 0.500 | 2 PSIG | 47700 SCF/D |
| 20 MIN | MERLA | 0.500 | 2 PSIG | 47700 SCF/D |
| 30 MIN | MERLA | 0.500 | 2 PSIG | 47700 SCF/D |

Company: MCGINNESS OIL CO.
Well: MARTIN #1 DST #3
Field: Field Name

[Saturday: Dec. 9, 1995]
Page 1

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|------------------------|-----|-----------|----------|------------|
| ----- | | | | |
| INITIAL FLOW PERIOD | | | | |
| 1 | 0 | 16:20:26 | 0.0000 | 160.34 |
| 15 | 0 | 16:22: 6 | 0.0278 | 131.07 |
| 32 | 0 | 16:24: 8 | 0.0616 | 107.99 |
| 49 | 0 | 16:26: 9 | 0.0954 | 95.53 |
| 66 | 0 | 16:28:11 | 0.1293 | 83.97 |
| 83 | 0 | 16:30:14 | 0.1632 | 76.83 |
| 100 | 0 | 16:32:16 | 0.1971 | 69.69 |
| 117 | 0 | 16:34:18 | 0.2311 | 65.21 |
| 134 | 0 | 16:36:20 | 0.2650 | 59.85 |
| 151 | 0 | 16:38:22 | 0.2990 | 56.25 |
| 168 | 0 | 16:40:24 | 0.3329 | 51.78 |
| 185 | 0 | 16:42:27 | 0.3668 | 49.07 |
| 202 | 0 | 16:44:29 | 0.4008 | 47.24 |
| 219 | 0 | 16:46:31 | 0.4348 | 45.42 |
| 236 | 0 | 16:48:33 | 0.4687 | 43.60 |
| 253 | 0 | 16:50:36 | 0.5027 | 41.78 |
| 270 | 0 | 16:52:38 | 0.5367 | 42.61 |
| INITIAL SHUT IN PERIOD | | | | |
| 272 | 0 | 16:52:52 | 0.5407 | 45.26 |
| 287 | 0 | 16:54:43 | 0.5713 | 127.60 |
| 304 | 0 | 16:56:48 | 0.6061 | 236.50 |
| 321 | 0 | 16:58:53 | 0.6409 | 341.85 |
| 338 | 0 | 17: 0:58 | 0.6755 | 424.18 |
| 355 | 0 | 17: 3: 2 | 0.7101 | 509.84 |
| 372 | 0 | 17: 5: 7 | 0.7446 | 581.78 |
| 389 | 0 | 17: 7:11 | 0.7791 | 644.18 |
| 406 | 0 | 17: 9:14 | 0.8134 | 695.30 |
| 423 | 0 | 17:11:18 | 0.8479 | 752.49 |
| 440 | 0 | 17:13:22 | 0.8821 | 790.61 |
| 457 | 0 | 17:15:25 | 0.9163 | 820.91 |
| 474 | 0 | 17:17:28 | 0.9506 | 859.03 |
| 491 | 0 | 17:19:31 | 0.9848 | 883.26 |
| 508 | 0 | 17:21:34 | 1.0188 | 895.35 |
| FINAL FLOW PERIOD | | | | |
| 525 | 0 | 17:23:36 | 1.0529 | 123.33 |

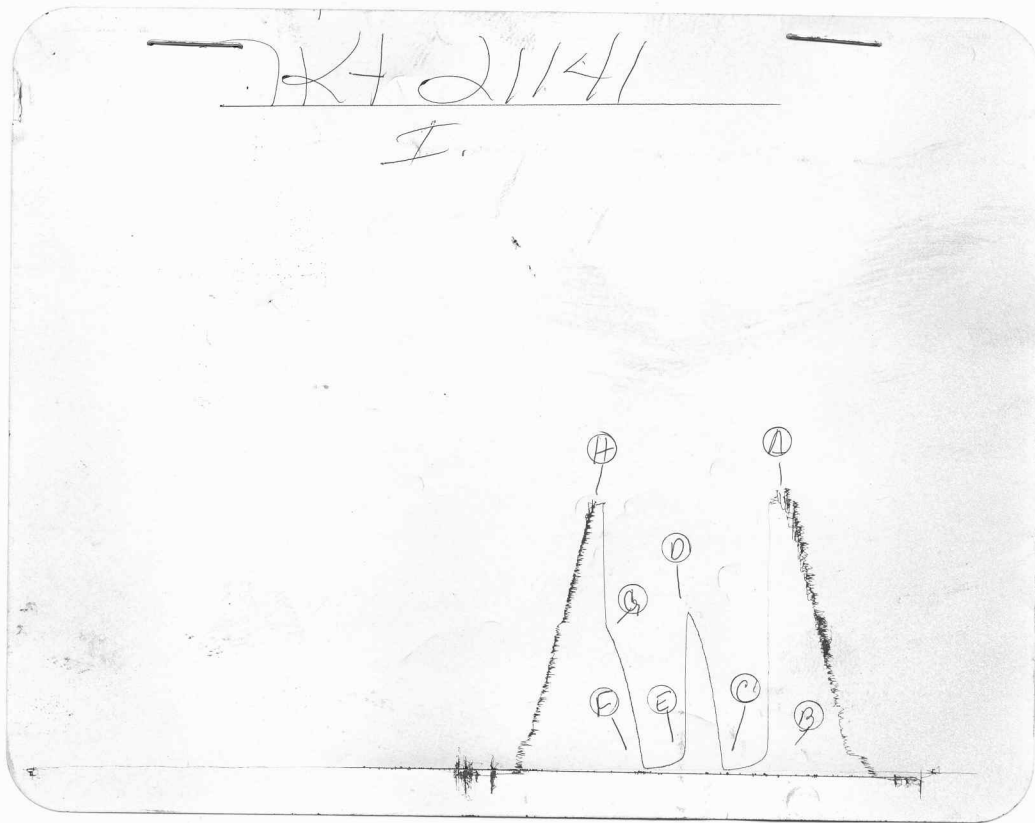
WESTERN TESTING CO., INC.

Company: MCGINNESS OIL CO.
Well: MARTIN #1 DST #3
Field: Field Name

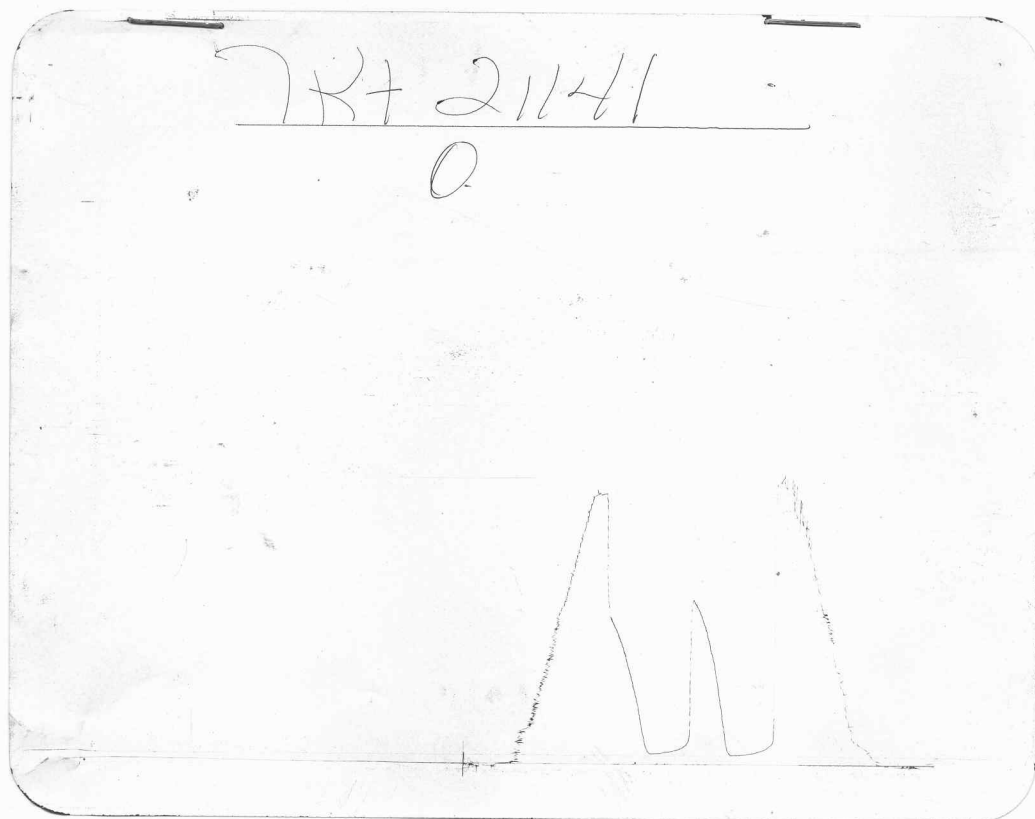
[Saturday: Dec. 9, 1995]
Page 2

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|-------|-----|----------------------|----------|------------|
| 542 | 0 | 17:25:38 | 1.0866 | 96.71 |
| 559 | 0 | 17:27:40 | 1.1205 | 86.03 |
| 576 | 0 | 17:29:42 | 1.1544 | 77.12 |
| 593 | 0 | 17:31:44 | 1.1883 | 70.87 |
| 610 | 0 | 17:33:46 | 1.2223 | 63.73 |
| 612 | 0 | 17:36:17 | 1.2642 | 59.24 |
| 629 | 0 | 17:38:19 | 1.2981 | 56.53 |
| 646 | 0 | 17:40:21 | 1.3321 | 50.28 |
| 663 | 0 | 17:42:24 | 1.3660 | 49.34 |
| 680 | 0 | 17:44:26 | 1.4000 | 46.63 |
| 697 | 0 | 17:46:28 | 1.4339 | 44.81 |
| 714 | 0 | 17:48:30 | 1.4679 | 43.87 |
| 731 | 0 | 17:50:33 | 1.5019 | 42.94 |
| | | FINAL SHUT IN PERIOD | | |
| 743 | 0 | 17:51:59 | 1.5259 | 44.67 |
| 748 | 0 | 17:52:35 | 1.5359 | 49.09 |
| 765 | 0 | 17:54:39 | 1.5704 | 120.78 |
| 782 | 0 | 17:56:44 | 1.6051 | 211.97 |
| 799 | 0 | 17:58:49 | 1.6396 | 287.21 |
| 816 | 0 | 18: 0:53 | 1.6741 | 352.71 |
| 833 | 0 | 18: 2:57 | 1.7085 | 416.43 |
| 850 | 0 | 18: 5: 1 | 1.7430 | 480.16 |
| 867 | 0 | 18: 7: 4 | 1.7774 | 533.43 |
| 884 | 0 | 18: 9: 8 | 1.8118 | 590.62 |
| 901 | 0 | 18:11:12 | 1.8461 | 630.47 |
| 918 | 0 | 18:13:15 | 1.8803 | 667.71 |
| 935 | 0 | 18:15:18 | 1.9146 | 703.23 |
| 952 | 0 | 18:17:22 | 1.9489 | 747.41 |
| 969 | 0 | 18:19:25 | 1.9831 | 770.78 |
| 986 | 0 | 18:21:28 | 2.0173 | 800.22 |

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

| | | | |
|-----------|-------------------------|----------------|----------------------|
| DATE | : 12/10/95 | TICKET | : 21142 |
| CUSTOMER | : MCGINNESS OIL COMPANY | LEASE | : MARTIN |
| WELL | : 1 | TEST: 4 | GEOLOGIST: MCGINNESS |
| ELEVATION | : 1852 KB | FORMATION | : TOPEKA |
| SECTION | : 1 | TOWNSHIP | : 30S |
| RANGE | : 12W | COUNTY: BARBER | STATE : KS |
| GAUGE SN# | : 2604 | RANGE : 4150 | CLOCK : 12 |

WELL INFORMATION

| | | | | | |
|----------------------------|------------|--------------------|------------|------------|-----------|
| PERFORATION INTERVAL FROM: | 3315.00 ft | TO: | 3330.00 ft | TVD: | 3330.0 ft |
| DEPTH OF SELECTIVE ZONE: | | | | TEST TYPE: | GAS |
| DEPTH OF RECORDERS: | 3322.0 ft | | 3325.0 ft | | |
| TEMPERATURE: | 103.0 | | | | |
| DRILL COLLAR LENGTH: | 303.0 ft | I.D.: | | 2.250 in | |
| WEIGHT PIPE LENGTH : | 0.0 ft | I.D.: | | 0.000 in | |
| DRILL PIPE LENGTH : | 2984.0 ft | I.D.: | | 3.800 in | |
| TEST TOOL LENGTH : | 28.0 ft | TOOL SIZE : | | 5.500 in | |
| ANCHOR LENGTH : | 15.0 ft | ANCHOR SIZE: | | 5.500 in | |
| SURFACE CHOKE SIZE : | 0.750 in | BOTTOM CHOKE SIZE: | | 0.750 in | |
| MAIN HOLE SIZE : | 7.875 in | TOOL JOINT SIZE : | | 4.5XH | |
| PACKER DEPTH: | 3310.0 ft | SIZE: | | 6.630 in | |
| PACKER DEPTH: | 3315.0 ft | SIZE: | | 6.630 in | |
| PACKER DEPTH: | 0.0 ft | SIZE: | | 0.000 in | |
| PACKER DEPTH: | 0.0 ft | SIZE: | | 0.000 in | |

MUD INFORMATION

| | | | |
|-----------------|-----------------|----------------|-----------|
| DRILLING CON. : | BLUE GOOSE DRLG | VISCOSITY : | 59.00 cp |
| MUD TYPE : | CHEMICAL | WATER LOSS: | 16.800 cc |
| WEIGHT : | 9.000 ppg | SERIAL NUMBER: | 411 |
| CHLORIDES : | 10400 ppm | REVERSED OUT?: | NO |
| JARS-MAKE : | WTC | | |
| DID WELL FLOW?: | NO | | |

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW IN 1 MINUTE.
FINAL FLOW PERIOD STRONG BLOW - GAS TO SURFACE IN
15 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments |
|------------------|----------|----------|------------|----------|----------|
| 10.0 | 0.0 | 0.0 | 0.0 | 100.0 | MUD |

RATE INFORMATION

| | | | | | |
|---------------|--------|-----|---------------------|---------|-------|
| OIL VOLUME: | 0.0000 | STB | TOTAL FLOW TIME: | 75.0000 | min. |
| GAS VOLUME: | 0.0000 | SCF | AVERAGE OIL RATE: | 0.0000 | STB/D |
| MUD VOLUME: | 0.0492 | STB | AVERAGE WATER RATE: | 0.0000 | STB/D |
| WATER VOLUME: | 0.0000 | STB | | | |
| TOTAL FLUID : | 0.0492 | STB | | | |

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1684.00

| Description | Duration | p1 | p End |
|-----------------|----------|-------|---------|
| INITIAL FLOW | 30.00 | 53.00 | 21.00 |
| INITIAL SHUT-IN | 30.00 | | 1160.00 |
| FINAL FLOW | 45.00 | 42.00 | 0.00 |
| FINAL SHUT-IN | 60.00 | | 1213.00 |

FINAL HYDROSTATIC PRESSURE: 1663.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1675.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|---------|
| INITIAL FLOW | 30.00 | 111.46 | 40.82 |
| INITIAL SHUT-IN | 30.00 | | 1165.96 |
| FINAL FLOW | 45.00 | 95.85 | 25.01 |
| FINAL SHUT-IN | 60.00 | | 1250.46 |

FINAL HYDROSTATIC PRESSURE: 1659.00

GAS FLOW REPORT

GENERAL INFORMATION

| | |
|---|----------------------|
| DATE : 12/10/95 | TICKET : 21142 |
| CUSTOMER : MCGINNESS OIL COMPANY | LEASE : MARTIN |
| WELL : 1 TEST: 4 | GEOLOGIST: MCGINNESS |
| ELEVATION: 1852 KB | FORMATION: TOPEKA |
| SECTION : 1 | TOWNSHIP : 30S |
| RANGE : 12W COUNTY: BARBER | STATE : KS |
| GAUGE SN#: 2604 RANGE : 4150 | CLOCK : 12 |

PRE FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|------------|
|---------------------|----------------|-----------------|----------|------------|

SECOND FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|--------------|-------------|
| 15 MIN | | 0.000 | GAS TO SURF. | 0 SCF/D |
| 20 MIN | MERLA | 0.250 | 23" WATER | 7880 SCF/D |
| 25 MIN | MERLA | 0.250 | 25" WATER | 8560 SCF/D |
| 30 MIN | MERLA | 0.250 | 30" WATER | 9200 SCF/D |
| 35 MIN | MERLA | 0.250 | 36" WATER | 10100 SCF/D |
| 40 MIN | MERLA | 0.250 | 36" WATER | 10100 SCF/D |
| 45 MIN | MERLA | 0.250 | 36" WATER | 10100 SCF/D |

Company: MCGINNES OIL CO.

Well: MARTIN #1 DST #4

[Sunday: Dec. 10, 1995]

Field: Field Name

Page 2

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|----------|-----|----------------------|-------------|---------------|
| 541 | 0 | 13:45:45 | 1.0870 | 95.85 |
| 558 | 0 | 13:47:47 | 1.1209 | 78.97 |
| 575 | 0 | 13:49:48 | 1.1547 | 65.64 |
| 592 | 0 | 13:51:51 | 1.1887 | 57.62 |
| 609 | 0 | 13:53:53 | 1.2226 | 51.38 |
| 626 | 0 | 13:55:55 | 1.2565 | 46.90 |
| 643 | 0 | 13:57:57 | 1.2905 | 44.20 |
| 660 | 0 | 13:59:59 | 1.3244 | 41.50 |
| 677 | 0 | 14: 2: 2 | 1.3584 | 39.68 |
| 694 | 0 | 14: 4: 4 | 1.3923 | 36.98 |
| 711 | 0 | 14: 6: 6 | 1.4263 | 34.28 |
| 728 | 0 | 14: 8: 8 | 1.4603 | 32.46 |
| 745 | 0 | 14:10:11 | 1.4942 | 30.64 |
| 762 | 0 | 14:12:13 | 1.5282 | 29.71 |
| 779 | 0 | 14:14:15 | 1.5622 | 28.78 |
| 796 | 0 | 14:16:17 | 1.5961 | 27.85 |
| 813 | 0 | 14:18:20 | 1.6301 | 27.81 |
| 830 | 0 | 14:20:22 | 1.6641 | 27.76 |
| 847 | 0 | 14:22:24 | 1.6980 | 25.94 |
| 864 | 0 | 14:24:27 | 1.7320 | 25.01 |
| | | FINAL SHUT IN PERIOD | | |
| 878 | 0 | 14:26: 8 | 1.7601 | 42.69 |
| 881 | 0 | 14:26:30 | 1.7664 | 84.32 |
| 898 | 0 | 14:28:37 | 1.8015 | 265.86 |
| 915 | 0 | 14:30:44 | 1.8368 | 454.48 |
| 932 | 0 | 14:32:50 | 1.8719 | 618.44 |
| 949 | 0 | 14:34:56 | 1.9068 | 753.70 |
| 966 | 0 | 14:37: 0 | 1.9414 | 841.26 |
| 983 | 0 | 14:39: 5 | 1.9759 | 917.54 |
| 1000 | 0 | 14:41: 9 | 2.0104 | 1003.43 |
| 1017 | 0 | 14:43:12 | 2.0447 | 1044.13 |
| 1034 | 0 | 14:45:16 | 2.0789 | 1083.95 |
| 1051 | 0 | 14:47:19 | 2.1131 | 1115.79 |
| 1068 | 0 | 14:49:21 | 2.1472 | 1134.35 |
| 1085 | 0 | 14:51:24 | 2.1813 | 1152.91 |

WESTERN TESTING CO., INC.

Company: MCGINNES OIL CO.

Well: MARTIN #1 DST #4

[Sunday: Dec. 10, 1995]

Field: Field Name

Page 3

| REC # | DAY | REAL TIME | DT (HRS) | BHP (PSIA) |
|----------|-----|--------------|-------------|---------------|
| 1102 | 0 | 14:53:27 | 2.2154 | 1168.81 |
| 1119 | 0 | 14:55:29 | 2.2494 | 1182.05 |
| 1136 | 0 | 14:57:32 | 2.2835 | 1193.52 |
| 1153 | 0 | 14:59:35 | 2.3175 | 1202.33 |
| 1170 | 0 | 15: 1:37 | 2.3515 | 1208.49 |
| 1187 | 0 | 15: 3:39 | 2.3856 | 1217.30 |
| 1204 | 0 | 15: 5:42 | 2.4196 | 1220.80 |
| 1221 | 0 | 15: 7:44 | 2.4536 | 1227.84 |
| 1238 | 0 | 15: 9:47 | 2.4876 | 1231.34 |
| 1255 | 0 | 15:11:49 | 2.5216 | 1234.83 |
| 1272 | 0 | 15:13:51 | 2.5556 | 1237.45 |
| 1289 | 0 | 15:15:54 | 2.5895 | 1239.17 |
| 1306 | 0 | 15:17:56 | 2.6235 | 1242.67 |
| 1323 | 0 | 15:19:59 | 2.6575 | 1246.17 |
| 1340 | 0 | 15:22: 1 | 2.6915 | 1248.78 |
| 1357 | 0 | 15:24: 3 | 2.7255 | 1247.85 |
| 1374 | 0 | 15:26: 6 | 2.7595 | 1250.46 |

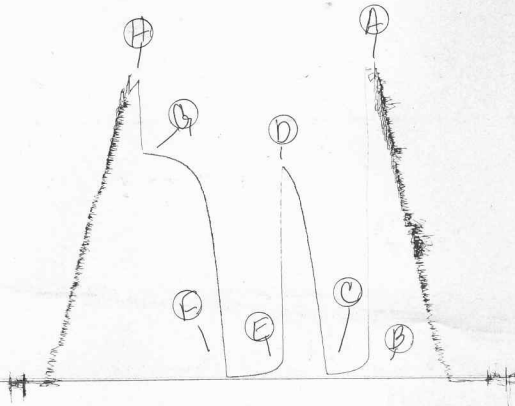
WESTERN TESTING CO., INC.

~~2607~~ DST#4

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TR# 21142

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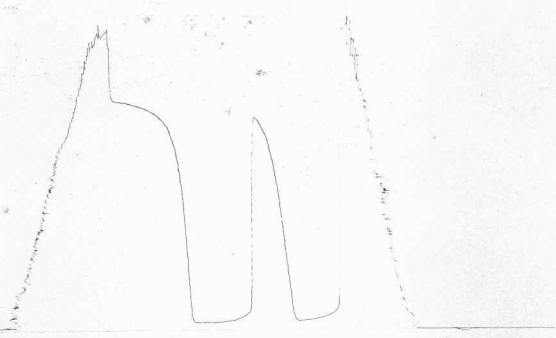


Inside Recorder

~~3849~~ DST#4

TR# 21142

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Outside Recorder