

OPERATOR: BOWAN &amp; NICHOLS OIL COMPANY

FAIR: STATE NO. 1

COUNTY: LEA, NEW MEXICO

SYFO TESTS:

|                              | Syfo at 500' | 1/2 degree |
|------------------------------|--------------|------------|
| 4340 S. L. M.                | "            | "          |
| 4355 Brown line              | " 1040       | "          |
| 4366 Gray line               | " 1400       | 4 degrees  |
| 4380 Line                    | " 1580       | 4 "        |
| 4399 Brown line              | " 1610       | 4 "        |
| 4391 Line                    | " 1681       | 4 "        |
| 4391 Line & anhydrite        | " 1800       | 3 "        |
| 4391 Sandy line              | " 1828       | 3 "        |
| 4344 Brown line              | " 1838       | 3 "        |
| 4395 Line and shale breaks   | " 1890       | 3 "        |
| 4364 Shale gray              | " 1934       | 2 1/2 "    |
| 4380 Anhydrite               | " 1938       | 2 "        |
| 4374 Line                    | " 1977       | 1 1/2 "    |
| 4390 Anhydrite               | " 2008       | 1 1/2 "    |
| 4394 Anhydrite & line shells | " 2075       | 1 "        |
| 4416 Brown line              | " 2168       | 1 1/2 "    |

ACID TESTS

|                         | Acid Bottle | 2400 | 0 degree |
|-------------------------|-------------|------|----------|
| 4441 Line and anhydrite | "           | "    | "        |
| 4450 Brown line         | "           | 2700 | 0 "      |
| 4468 Anhydrite          | "           | "    | "        |
| 4475 Brown line         | "           | 2900 | 0 "      |
| 4505 Anhydrite & line   | "           | "    | "        |
| 4516 Line               | "           | 2900 | 0 "      |
| 4570 Line and anhydrite | "           | 2900 | 1 "      |
| 4582 Brown line         | "           | 2920 | 1 1/2 "  |
| 4600 Line and anhydrite | "           | 2925 | 1 1/2 "  |
| 4700 Brown line         | "           | 2400 | 1 1/2 "  |
| 4720 Line & anhydrite   | "           | 2800 | 2 "      |
| 4740 Brown line         | "           | 4100 | 2 1/2 "  |
| 4744 Hard brown line    | "           | 4225 | 2 "      |

. 5038

5041 S.L.M. Brown line - Show 2 gal. oil 1-1/2 hrs.

5045 1/4 bailer water per hour salty

5060 Brown line

5075 Brown sandy line; 1800 ft. sulphur water in hole;  
Water lowered 475' on 6 hr. bailing test

5077 Total Depth (Steel Line Meas.)

I, Ray Nichols being first duly sworn on oath,  
state that I have knowledge of the facts & matter herein set forth and that the  
same are true and correct.

Ray Nichols  
Representative of BOWAN & NICHOLS OIL CO.

Subscribed and sworn to before me this 3 day of Aug, 1938.

Alice M. Kruen  
Notary Public in and for  
Tarrant County, Texas

OPERATOR: ROWAN & NICHOLS OIL COMPANY

WELL: STATE NO. 1

COUNTY: LRA, NEW MEXICO

WELL TESTS:

|                          |           |      |   |
|--------------------------|-----------|------|---|
| Wells at 300' 1/2 degree | "         | 1040 | " |
| "                        | 4 degrees | 1430 | " |
| "                        | 4         | 1530 | " |
| "                        | 4         | 1610 | " |
| "                        | 4         | 1681 | " |
| "                        | 3         | 1800 | " |
| "                        | 3         | 1828 | " |
| "                        | 3         | 1838 | " |
| "                        | 3         | 1890 | " |
| "                        | 2 1/2     | 1926 | " |
| "                        | 2         | 1938 | " |
| "                        | 1 1/2     | 1977 | " |
| "                        | 1 1/2     | 2008 | " |
| "                        | 1         | 2078 | " |
| "                        | 1 1/2     | 2182 | " |

ACID TESTS

|             |      |           |
|-------------|------|-----------|
| Acid Bottle | 2400 | 0 degrees |
| "           | 2750 | "         |
| "           | 2850 | "         |
| "           | 2800 | 1         |
| "           | 2810 | 1 1/2     |
| "           | 2825 | 1 1/2     |
| "           | 2860 | 1 1/2     |
| "           | 2890 | 2         |
| "           | 4100 | 2 1/2     |
| "           | 4225 | 3         |

4242 S. L. M.  
4255 Brown lime  
4266 Gray lime  
4282 Lime  
4299 Brown lime  
4321 Lime  
4321 Lime & anhydrite  
4321 Sandy lime  
4344 Brown lime  
4352 Lime and shale breaks  
4364 Shale gray  
4368 Anhydrite  
4376 Lime  
4380 Anhydrite  
4404 Anhydrite & lime shells  
4416 Brown lime  
4441 Lime and anhydrite  
4450 Brown lime  
4468 Anhydrite  
4475 Brown lime  
4505 Anhydrite & lime  
4516 Lime  
4570 Lime and anhydrite  
4582 Brown lime  
4680 Lime and anhydrite  
4700 Brown lime  
4720 Lime & anhydrite  
4740 Brown lime  
4748 Hard brown lime  
4822 Lime & anhydrite  
4840 Brown lime  
4890 Brown lime, broken  
4912 Brown lime  
5022 Lime and anhydrite  
5041 S.L.M. Brown lime - Show 2 gal. oil 1-1/2 hrs.  
5045 1/4 barrel water per hour early  
5060 Brown lime  
5075 Brown sandy lime; 1680 ft. sulphur water in hole;  
Water lowered 475' on 6 hr. boiling test  
5077 Total Depth (Steel Line Meas.)

5038

I, \_\_\_\_\_ being first duly sworn on oath,  
state that I have knowledge of the facts & matter herein set forth and that the  
same are true and correct.

Representative of ROWAN & NICHOLS OIL CO.

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 1938.

Notary Public in and for  
Tarrant County, Texas