

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator <b>The Atlantic Refining Company</b>			Lease <b>Langlie Federal A</b>			Well No. <b>1</b>	
Location of Well	Unit <b>H</b>	Sec <b>14</b>	Twp <b>25-S</b>	Rge <b>37-E</b>	County <b>Lee</b>		
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size	
Upper Compl	<b>Blinberry</b>		<b>Oil</b>	<b>Flow</b>	<b>Tbg</b>	<b>1 3/64</b>	
Lower Compl	<b>Tubb-Drinkard</b>		<b>"</b>	<b>Art Lift</b>	<b>"</b>	<b>-</b>	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 AM 3-11-63

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>8:00 AM 3-12-63</u>	
Indicate by ( X ) the zone producing.....	<u>X</u>	
Pressure at beginning of test.....	<u>607</u>	<u>77</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>720</u>	<u>77</u>
Minimum pressure during test.....	<u>120</u>	<u>77</u>
Pressure at conclusion of test.....	<u>232</u>	<u>77</u>
Pressure change during test (Maximum minus Minimum).....	<u>600</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>decrease</u>	<u>-</u>
Well closed at (hour, date):	<u>8:00 AM 3-13-63</u>	Total Time On Production <u>24 hrs.</u>
Oil Production		Gas Production
During Test: <u>162</u> bbls; Grav. <u>38.0</u> ;	During Test <u>171.6</u> MCF; GOR <u>1079</u>	
Remarks _____		

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date):	<u>8:00 AM 3-14-63</u>	
Indicate by ( X ) the zone producing.....		<u>X</u>
Pressure at beginning of test.....	<u>555</u>	<u>74</u>
Stabilized? (Yes or No).....	<u>NO</u>	<u>YES</u>
Maximum pressure during test.....	<u>579</u>	<u>74</u>
Minimum pressure during test.....	<u>555</u>	<u>67</u>
Pressure at conclusion of test.....	<u>579</u>	<u>67</u>
Pressure change during test (Maximum minus Minimum).....	<u>24</u>	<u>7</u>
Was pressure change an increase or a decrease?.....	<u>increase</u>	<u>decrease</u>
Well closed at (hour, date):	<u>8:00 AM 3-15-63</u>	Total time on Production <u>24 hrs.</u>
Oil Production		Gas Production
During Test: <u>14</u> bbls; Grav. <u>38.4</u> ;	During Test <u>32</u> MCF; GOR <u>2206</u>	
Remarks _____		

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved \_\_\_\_\_ 19 \_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator The Atlantic Refining Company  
By A. D. Florida  
Title District Drilling-Production Supt.  
Date 3-21-63

... again be shut-

1. A packer leakage test shall be well within seven days after completion thereafter as prescribed by the contract. Such tests shall also be completed within 10 days following completion of the work. If ever remedial work has been required, the tubing have been disturbed, or if communication is suspected of being lost, the packer leakage test shall be completed within 10 days after completion of the remedial work.

2. At least 72 hours before the test is to be conducted, the operator shall notify the test is to be conducted.

3. The packer leakage test and completion are shut-in until the well-head pressure is a minimum of two hours thereafter. The well is then shut-in more than 24 hours.

4. For Flow Test no. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839,

the same as indicated  
in the same zone shall re-

... will be continuously  
check pages the accuracy of  
... at least twice once at the

Each test shall be filed in triplicate and each shall be filed with the following Department of Commerce Bureau of Standards File #11-58, and the test must with all the following information:

1. A graph construct a pressure versus distance thereon all pressure values as well as all dead weight values. The pressure curve is substantially linear if the operator's pressure remains Test Form 11-58 within last period.

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HOOPER

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