

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104
Revised February 10, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Instruction on back
Submit to Appropriate District Office
5 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address ARCH PETROLEUM INC. 10 DESTA DRIVE, STE. 420E, MIDLAND, TX 79705		² OGRID Number 000962
		³ Reason for Filing Code RC
⁴ API Number 30 - 025-25919	⁵ Pool Name TEAGUE BLINEBRY	⁶ Pool Code 58300
⁷ Property Code 014898	⁸ Property Name C. E. LAMUNYON	⁹ Well Number 45

II. ¹⁰ Surface Location

UI or Lot. No. D	Section 27	Township 23S	Range 37E	Lot Idn.	Feet from the 500	North/South Line NORTH	Feet from the 990	East/West Line WEST	County LEA
---------------------	---------------	-----------------	--------------	----------	----------------------	---------------------------	----------------------	------------------------	---------------

¹¹ Bottom Hole Location

UI or Lot. No.	Section	Township	Range	Lot Idn.	Feet from the	North/South Line	Feet from the	East/West Line	County
D	27	23S	37E		500	NORTH	990	WEST	LEA
¹² Lse Code F	¹³ Producing Code P	Method	¹⁴ Gas Connection Date 12/13/95	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date			

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
007440	EOTT ENERGY PIPELINE LIMITED PARTNERSHIP P. O. BOX 1660, MIDLAND, TX 79702	709610	O	
020809	SID RICHARDSON CARBON 201 MAIN ST., STE. 2300, FORT WORTH, TX 76102	709630	G	

IV. Produced Water

²³ POD 709650	²⁴ POD ULSTR Location and Description
-----------------------------	--

V. Well Completion Data

²⁵ Spud Date 12/4/95	²⁶ Ready Date 12/15/95	²⁷ TD 7005'	²⁸ PBTD 6281'	²⁹ Perforations 5348-5770
³⁰ Hole Size 12 - 1/4"	³¹ Casing & Tubing Size 8 - 5/8" - 24# & 32#	³² Depth Set 1182'	³³ Sacks Cement 500 SX - CIRCULATED	
7 - 7/8"	5 - 1/2" - 17# & 15.50#	7600'	2190 SX - CIRCULATED	
	2 - 3/8"	7540'		

VI. Well Test Data

³⁴ Date New Oil 12/15/95	³⁵ Gas Delivery Date 12/15/95	³⁶ Test Date 12/27/95	³⁷ Test Length 24	³⁸ Tbg. Pressure 180	³⁹ CSG. Pressure 725
⁴⁰ Choke Size 24/64"	⁴¹ Oil 31	⁴² Water 49	⁴³ Gas 158	⁴⁴ AOF	⁴⁵ Test Method plunger lift

⁴⁶ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Bobbie Brooks*

Printed Name:
BOBBIE BROOKS

Title:
PRODUCTION ANALYST

Date:
1/26/95

Phone: 915-685-1961

OIL CONSERVATION DIVISION
APPROVED BY
JERRY WINK
FIELD REP. II

Title:

Approved Date:

JAN 31 1995

⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature Printed Name Title Date

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT

Report all gas volumes at 15.025 PSIA at 60°.

Report all oil volumes to the nearest whole barrel.

A request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests conducted in accordance with Rule 111.

All sections of this form must be filled out for allowable requests on new and recompleting wells.

Fill out only sections 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, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Changes of operator, property name, well number, transporter, or other such changes.

A separate C-104 must be filled for each pool in a multiple completion.

Improperly filled out or incomplete forms may be returned to operator unapproved.

Operator's name and address

Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.

Reason for filling code from the following table:

RT Request for test allowable (include volume requested)

CG Change gas transporter

AG Add gas transporter

CO Change oil/condensate transporter

AO Add oil/condensate transporter

CH Change of Operator

RC Recompletion

NW New Well

The API number of this well

The name of the pool for this completion

The pool code for this pool

The property code for this completion

The property name (well name) for this completion

The well number for this completion

The surface location of this completion NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or lot no." box. Otherwise use the OCD unit letter.

The bottom hole location of this completion

Lease code from the following table:

F Federal

S State

P Federal

J Jicarilla

N Navajo

U Ute Mountain Ute

I Other Indian Tribe

The producing method code from the following table:

F Flowing

P Pumping or other artificial lift

MO/DA/YR that this completion was first connected to a gas transporter

The permit number from the District approved C-129 for this completion

MO/DA/YR of the C-129 approval for this completion

MO/DA/YR of the expiration of C-129 approval for this completion

The gas or oil transporter's OGRID number

Name and address of the transporter of the product

The number assigned to the POD from which this product will be transported by this transporter. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.

Product code from the following table:

O Oil

G Gas

The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A", "Jones CPD", etc.)

The POD number of the storage from which water is moved from this property. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.

The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A", "Jones CPD", etc.)

MO/DA/YR drilling commenced

MO/DA/YR this completion was ready to produce

Total vertical depth of the well

Plugback vertical depth

Top and bottom perforation in this completion or casing shoe and TD if openhole

Inside diameter of the well bore

Outside diameter of the casing and tubing

Depth of casing and tubing. If a casing liner show top and bottom.

Number of sacks of cement used per casing string

The following test data is for an oil well it must be from a test conducted only after the total volume of load oil is recovered.

MO/DA/YR that new oil was first produced

MO/DA/YR that gas was first produced into a pipeline

MO/DA/YR that the following test was completed

Length in hours of the test

Flowing tubing pressure - oil wells

Shut-in tubing pressure - oil wells

Flowing casing pressure - oil wells

Shut-in casing pressure - gas wells

Diameter of the choke used in the test

Barrels of oil produced during the test

Barrels of water produced during the test

MCF of gas produced during the test

Gas well calculated absolute open flow in MCF/D

The method used to test the well:

F Flowing

P Pumping

S Swabbing

I If other method please write it in.

The signature, printed name, and title of the person authorized to make this report, the date this report was signed, and the telephone number to call for questions about this report

The previous operator's name, the signature, printed name, and title of the previous operator's representative authorized to verify that the previous operator no longer operates this completion, and the date this report was signed by that person

MO/DA/YR of the C-129 approval for this completion

MO/DA/YR of the expiration of C-129 approval for this completion

The gas or oil transporter's OGRID number

Name and address of the transporter of the product

The number assigned to the POD from which this product will be transported by this transporter. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.

Product code from the following table:

O Oil

G Gas