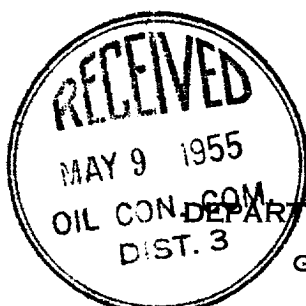


[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079968
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

RECEIVED
SUPERIOR
N.M.
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ~~Public Development, Inc.~~ **Pubco Development, Inc.** Address **107 West Chaco, Aztec, N. Mex.**
 Lessee ~~Public Development, Inc.~~ **Pubco Development, Inc.**
 Lessor or Tract ~~Federal Government~~ Field **Twin Mounds** State **New Mexico**
 Well No. **4** Sec. **4** T. **29N** R. **14W** Meridian **New Mexico** County **San Juan**
 Location **990** ft. ^{N.}_{S.} of **N.** Line and **990** ft. ^{E.}_{W.} of **E** Line of **Sec 4** Elevation **5447**
 (Derrick floor at surface)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Bill A. Street Bill A. Street
Date May 2, 1955 Title District Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling ----- 4-21 -----, 1955 Finished drilling ----- 4-20 -----, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~None~~ ----- to ----- No. 4, from ----- to -----
 No. 2, from ----- to ----- No. 5, from ----- to -----
 No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from **None**----- to -----

No. 2, from ----- to -----

No. 3, from ----- to -----

No. 4, from ----- to -----

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
1 1/2	14	8nd	SPANG	950 Texas Pattern					
HISTORY OF ONE OK CYG METE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
1 1/2	950	300	Single plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 951 feet, and from _____ feet to _____ feet.
Cable tools were used from 951 feet to 1155 feet, and from _____ feet to _____ feet.

April 30, 1955 Put to producing P & A 4-30, 1955
 The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

B. E. Patton	Driller	Frank Marshall, Jr.	Driller
E. G. Gates	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface 955	955 1155	955 200	Fruitland & Kirtland Pictured Cliffs

[OVER]

~~16-43094-3~~

FORMATION BECOMES--Continued

1996, p. 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, 9

Договор

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Dist. 3
MAY 9 1935
OIL CONSERVATION

[illegible]

LOG OF OIL OR GAS WELL

[illegible]

The summary on this page is for the condition of the well at above date.

Date: 1-1-58 Title: 11-11-57

Completed drilling		_____		Finished boring		_____		Drilling completed
--------------------	--	-------	--	-----------------	--	-------	--	--------------------

OIL OR GAS SANDS OR ZONES

(D) and (E)

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SANDS

No. 1, from _____ to _____	No. 3, from _____ to _____
No. 2, from _____ to _____	No. 4, from _____ to _____

CASING RECORD

HISTORY OF OIL OR GAS WELL					U. S. GOVERNMENT PRINTING OFFICE 10-48084-2				
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.									
Casing	Set foot	Thickness per inch	Make	Amount	Kind of shoe	Cut and pulled from	From	To	Purpose

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Year	Number of cases of diphtheria	Number of deaths	Number of cases of scarlet fever	Number of deaths	Number of cases of measles	Number of deaths
1900	10	2	15	3	20	4
1901	12	3	18	4	22	5
1902	14	4	20	5	24	6
1903	16	5	22	6	26	7
1904	18	6	24	7	28	8
1905	20	7	26	8	30	9
1906	22	8	28	9	32	10
1907	24	9	30	10	34	11
1908	26	10	32	11	36	12
1909	28	11	34	12	38	13
1910	30	12	36	13	40	14
1911	32	13	38	14	42	15
1912	34	14	40	15	44	16
1913	36	15	42	16	46	17
1914	38	16	44	17	48	18
1915	40	17	46	18	50	19
1916	42	18	48	19	52	20
1917	44	19	50	20	54	21
1918	46	20	52	21	56	22
1919	48	21	54	22	58	23
1920	50	22	56	23	60	24
1921	52	23	58	24	62	25
1922	54	24	60	25	64	26
1923	56	25	62	26	66	27
1924	58	26	64	27	68	28
1925	60	27	66	28	70	29
1926	62	28	68	29	72	30
1927	64	29	70	30	74	31
1928	66	30	72	31	76	32
1929	68	31	74	32	78	33
1930	70	32	76	33	80	34
1931	72	33	78	34	82	35
1932	74	34	80	35	84	36
1933	76	35	82	36	86	37
1934	78	36	84	37	88	38
1935	80	37	86	38	90	39
1936	82	38	88	39	92	40
1937	84	39	90	40	94	41
1938	86	40	92	41	96	42
1939	88	41	94	42	98	43
1940	90	42	96	43	100	44
1941	92	43	98	44	102	45
1942	94	44	100	45	104	46
1943	96	45	102	46	106	47
1944	98	46	104	47	108	48
1945	100	47	106	48	110	49
1946	102	48	108	49	112	50
1947	104	49	110	50	114	51
1948	106	50	112	51	116	52
1949	108	51	114	52	118	53
1950	110	52	116	53	120	54
1951	112	53	118	54	122	55
1952	114	54	120	55	124	56
1953	116	55	122	56	126	57
1954	118	56	124	57	128	58
1955	120	57	126	58	130	59
1956	122	58	128	59	132	60
1957	124	59	130	60	134	61
1958	126	60	132	61	136	62
1959	128	61	134	62	138	63
1960	130	62	136	63	140	64

PLUGS AND ADAPTERS

Heaving plug—Material			
Adapters—Material			
Pin			
Leading plug—Material			
Cable pin			

SHOOTING RECORD

Size	Steel used	Aluminum used	Quantity	Price	Mobile steel	Rebate secured on

TOOLS USED

Cable tools were used from	feet to	feet and from	feet to
Rigging tools were used from	feet to	feet and from	feet to

DATE

[illegible]

227015

Order		Order	
Order		Order	

СРОЧНО ПОСТАВИТЬ

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