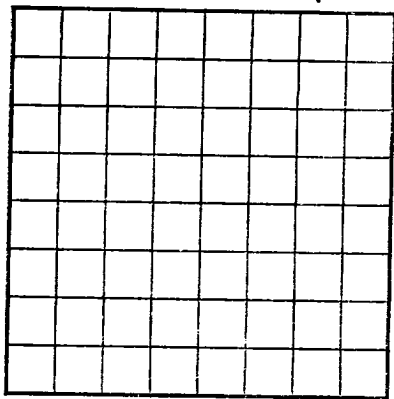


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 050349-A
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Beddingfield-Featherstone Address Box 563, Artesia, New Mexico
Lessor or Tract Lucia Brooks Field Empire State New Mexico
Well No. 10 Sec. 19 T. 17 R. 28 Meridian NMPM County Eddy
Location 330 ft. N. of North line and 990 ft. E. of West line of 19-17-28 Elevation 3487
(Derrick floor relative to sea level)

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 _____

Date July 10, 1950 Title Secretary

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

Commenced drilling May 29, 1950, 19____ Finished drilling July 6, 1950, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 557 to 559 No. 4, from _____ to _____
No. 2, from 562 to 565 No. 5, from _____ to _____
No. 3, from 571 to 575 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 265 to 275 No. 3, from _____ to _____
No. 2, from 520 to 525 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—	
<u>7"</u>	<u>171 lb.</u>	<u>8</u>	<u>seamless</u>	<u>536'</u>	<u>reg.</u>				<u>oil string</u>
HIS LOG IS A COPY OF THE ORIGINAL LOG OF THE WELL.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>532</u>	<u>50</u>	<u>Halliburton</u>	<u>1</u>	<u>3 sacks acquegel</u>

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
<u>Acidized 2000 gallons from 557' to 575'</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from top 0 feet to 575' feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 7, 1950, 19____The production for the first 24 hours was 55 barrels of fluid of which 100 % 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

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>20</u>		<u>Red bed</u>
<u>20</u>	<u>65</u>		<u>Red bed, gyp.</u>
<u>65</u>	<u>110</u>		<u>Red bed, anhy, shells</u>
<u>110</u>	<u>220</u>		<u>Broken red bed</u>
<u>220</u>	<u>280</u>		<u>Red bed, anhy. shells, water 5 bbls B.P.H.</u>
<u>280</u>	<u>350</u>		<u>Anhy, shell break</u>
<u>350</u>	<u>395</u>		<u>Anhy.</u>
<u>395</u>	<u>440</u>		<u>Shale, anhy.</u>
<u>440</u>	<u>490</u>		<u>Broken anhy.</u>
<u>490</u>	<u>525</u>		<u>Anhy. increase in water 520' to 525'</u>
<u>525</u>	<u>532</u>		<u>Anhy.</u>
<u>532</u>	<u>550</u>		<u>Broken anhy.</u>
<u>550</u>	<u>557</u>		<u>Anhy.</u>
<u>557</u>	<u>559</u>		<u>Brown lime, little gas and oil.</u>
<u>559</u>	<u>562</u>		<u>Anhy.</u>
<u>562</u>	<u>565</u>		<u>Brown lime, show of oil</u>
<u>565</u>	<u>571</u>		<u>broken anhy.</u>
<u>571</u>	<u>575</u>		<u>brown lime, free oil.</u>

TD

(OVER)

FORMATION RECORD—Continued

U. S. LAND OFFICE
WASHINGTON, D. C.
JAN 10 1900

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOC OF OIL OR GAS WELL

[illegible]

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.

Location: Section 18, Township 36N, Range 12E, of Medicine and Sioux Counties, Montana. (Section 18, Township 36N, Range 12E, of Medicine and Sioux Counties, Montana.)

Well 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,

Commenced drilling _____ finished drilling _____ 19____

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

Date _____ Title _____

Signed _____

OIL OR GAS SANDS OR ZONES

(Decorate this too)

No. 1 from	10	10	No. 4 from	10
No. 2 from	10	10	No. 5 from	10
No. 3 from	10	10	No. 6 from	10

IMPORTANT WATER SANDS

[illegible]

CASING RECORD

Size Length	Threads per inch	Material	Kind of shoe	Get and pulled from	Tested From To	Purpose
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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 balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]