

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other (Frmly. P&A 3/5/73)

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR (Formerly Hanagan Pet. Corp.
Hanagan Petroleum Corporation (#1 Sheep Draw

3. ADDRESS OF OPERATOR
P. O. Box 1737, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 1980' FNL & 660' FEL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED
ARTESIA, OFFICE

AUG 27 1973

5. LEASE DESIGNATION AND SERIAL NO.

NM-0426782

6. IF INDIAN, ALIOTTEE OR TRIBES NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mary Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

5674 Sheep Draw memo
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

11-23S-25E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

Re - 8/4/73

8/5/73

Recomp. 8/24/73

3736' KB

3726'

20. TOTAL DEPTH, MD & TVD

OTD & NTD same -

11570'

21. PLUG, BACK T.D., MD & TVD

11547'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Cleaned out

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Morrow 11363-67 and 11480-483

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Logs run & submitted on orig. comp. 3/5/73

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	42.05	100	20	Circ.	None
9-5/8"	32.3 & 36	2430	12-1/4	Circ.	None
5-1/2"	17 & 20	11570	8-3/4 & 7-7/8	1075	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	11000'	11000'

31. PERFORATION RECORD (Interval, size and number)

Perf. 2 SPI w/tbg. gun:
11363, 65 & 67 and 11480, 81 & 83
Total holes 12 (0.33)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11363-483	A/200 MS 7 1/2%
11363-483	A/3000 MS 7 1/2% W/N2

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing - See attached Form C-122				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
8/22/73	4 hrs.	Varies	→	CAOF	2,200 MCF GPD (1 Pt.)		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-in, waiting on pipeline connection

TEST WITNESSED BY

F. Tefteller

35. LIST OF ATTACHMENTS

Dev. survey, electric logs submitted orig. well - 5 copies C-122 & 9-331

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Hugh C. Hanagan

TITLE

Vice President

DATE

8/24/73

*(See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, pursuant to applicable Federal and/or State laws and regulations, either are shown below or will be issued by, or may be obtained from, the local Federal land office. For example, in the case of a well completion report, the local Federal land office may require separate reports for separate completions.

See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35. Consult local State requirements. Consult Federal requirements. Attachments should be described in accordance with Federal requirements. Attachments should be described in accordance with Federal requirements. Attachments should be described in accordance with Federal requirements.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State should be listed on this form, see item 35.

or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Item 22: Indicate which elevation is used as reference for separate production from more than one interval zone (multiple completion), so state in item 24; show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, showing the additional data pertinent to such interval.

interval, or additional interval, showing the additional data pertinent to such interval, for each additional interval to be separately produced. (See instruction for items 22 and 24 above.)

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 29: "Sack3 Cement": Attached supplemental records 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,

Item 33: Submit a separate completion report on this report.

SUMMARY OF POPULUS ZONES.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS--AND ALL DRILL-STEM TESTS, INCLUDING CLOG-LOSS, AND RECOVERIES

DEPTH INTERVAL TESTED	CUSHION USED	TIME TOOL OPEN, FLOWING AND SHUT-IN IN SECONDS, AND PRESSURE IN PSI	DESCRIPTION. CONTENTS, ETC.
5'-			

FORMATION	TOP	BOTTOM	DESCRIPTION	CONTENTS, ETC.	NAME	MEAS. DEPTH
DST #1 9854-10055'	- op.	90"	GTS 45' TSTM, Rec. 360' DM, HP 4855-4836#, 60"		T/Del. Mtn.	1630
ISIP 1950#	90"	FSIP 1704#	IFF 170#, FFP 207#.		Bone Spring Lm.	4952
DST #2 10124-171'	- op.	60"	GTS 75" TSTM: Rec. 270' GCM. 30" ISIP 617#, 90"		Third BS Lm.	8156
FSIP 1425#	IFF 128-128#	FFP 85-128#	HP 4839-4839#.		Wolfcamp	8542
DST #3 11,100-174'	- op.	90"	Rec. 280' GCM & 3520' GCXW. 60" ISIP 4316#, 90"		Strawn Lm.	9980
FSIP 4360#	IFF 176-860'	FFP 949-1698#	HP 5340-5340#.		Atoka	10478
DST #4 11,209-1,216'	- op.	45"	Rec. 110' mud + 5000' GCXW. 60" ISIP 4567#, 3/16"		Morrow	10976
108" FSIP 4567#	IFF 547-1312#	FFP 1312-2362#	HP 5339-5339#.		Barnett	11486
DST #5 11370-11500'	- op.	120"	GTS 17", Max.. SFP 180# 1/4" ck., @ 265 MCF.			
Rec. 631' GCM, no wtr.		90"	ISIP 4784#, 2 hr. FSIP 4784#, IFF 221-265#.			
FFP 265-375#	HP 5496-5452.					

A71-233