

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
Geologist Report / Mud Logs	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Date of first Production/Injection or Resumed Production/Injection:		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	Top	Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	ONEOK NGL Pipeline, LLC
Well Name	HF-4 REPLACEMENT RUMLER 1
Doc ID	1863237

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	16.75	10.75	8	140	Common	260	

JOB NO: 24185
 CUSTOMER: ONEOK
 CUSTOMER REP: John Cooper/Frank Caudillo
 GPS COORD: 38.03130 -97.97369
 ADDRESS: HF-4 Replacement Rumler
 FOREMAN: Charlie Shaw
 DRILLER: Ernesto Manzo
 ELEVATION:

DATE: 8.20.2025
 DIA. HOLE: 10"
 DEPTH: 300'
 COKE TYPE: SC-3
 # OF COKE: 150 Bags
 # OF BENTONITE: 93 Bags
 COLUMN LENGTH: 180'
 INACTIVE LENGTH: 120'
 PRE/POST COKE:

CASING: SDR21
 DIAMETER: 10"
 CASING DEPTH: 140'
 # OF ANODES: 15
 ANODE TYPE: Cast Iron
 ANODE LEAD: #8 AWG/HALAR
 CALIBRATION METER MODEL:
 CALIBRATION METER DATE:

RECTIFIER MFG:
 MODEL:
 SERIAL #:
 V-DC:
 A-DC:
 PRIM-V:
 PHASE:
 COMMISSIONING VOLTS:
 COMMISSIONING AMPS:

DEPTH FT.	DRILLER'S LOG	ANODE NO.	ELECTRIC LOG				DEPTH FT.	DRILLER'S LOG	ANODE NO.	ELECTRIC LOG			
			VOLTS	AMPS	RESIS.	REMARKS				VOLTS	AMPS	RESIS.	REMARKS
0	Sand & Clay						250	Red Shale					
5		CASING & CENTRALIZER					255		A-5				
10							260			8.4			
15		CASING & CENTRALIZER					265		A-4				
20	Sand & Cly						270			9.3			
25	Sand & Gravel						275		A-3				
30							280			8.9			
35							285		A-2				
40							290			8.8			
45							295		A-1	8.6			
50							300	Red Shale					
55	Sand & Gravel	CASING & CENTRALIZER					305						
60							310						
65							315						
70							320						
75							325						
80							330						
85							335						
90							340						
95	Sand & Gravel	CASING & CENTRALIZER					345						
100	Sand & Gravel						350						
105	Sand & Gravel						355						
110	Sand, Gravel & Red Shale						360						
115	Sand, Gravel & Red Shale						365						
120	Red Shale						370						
125							375						
130	Red Shale						380						
135		CASING & CENTRALIZER					385						
140							390						
145							395						
150			2.8				400						
155							405						
160		A-15	2.9				410						
165	Red Shale						415						
170		A-14	3.0				420						
175							425						
180		A-13	4.6				430						
185		A-12					435						
190	Red Shale		4.1				440						
195		A-11					445						
200			5.6				450						
205		A-10					455						
210			5.7				460						
215		A-9	5.9				465						
220							470						
225	Red Shale	A-8	6.5				475						
230							480						
235		A-7	5.8				485						
240							490						
245		A-6	6.3				495						



N° C 50861

BOX 438 - HAYSVILLE, KANSAS 67060
316-524-1225

DATE 15-Aug 20 25

IS AUTHORIZED BY: Highridge Consulting (NAME OF CUSTOMER)

Address _____ City _____ State KS

TO TREAT WELL

AS FOLLOWS: Lease HF-4 _____ Well No. _____ Customer Order No. _____

Sec. Twp. 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 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051

Range _____ County Reno State KS

Job Safety Analysis-Hazards & Safety Procedures

☒	Hard Hat
☐	H2S Monitor
☒	Safety Shoes
☐	FR Clothing
☐	Hearing Protection

☒	Gloves
☐	Eye Protection
☐	Respiratory Protection
☐	Chemical/Acid PPE
☒	Fire Extinguisher

	Permits
x	Trip Hazard
	Fall Protection

[illegible]

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner operator or his agent, whose signature appears below.

Copeland Representative Nathan W

Station GB

John C. ...

Remarks

NET 30 DAYS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland And is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland And Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no account allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

[illegible]

COPELAND

Acid & Cement

BURRTON, KS ♦ GREAT BEND, KS
(620) 463-5161 (620) 793-3366
FAX (620) 463-2104 FAX (620) 793-3536

POST OFFICE BOX 438
HAYSVILLE, KS 67060
(316) 524-1225
(316) 524-1027 FAX

Invoice

Page: 1

INVOICE NUMBER:
C50861-IN

BILL TO:

HIGHRIDGE CONSULTING
1805 WEST MAIN - BOX J
PRAGUE, OK 74864

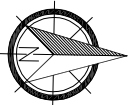
LEASE: HF-4

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
08/26/2025	50861		08/15/2025	HF-4	NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
38.00	MI	MILEAGE PICKUP		0.00	4.00	152.00
38.00	MI	MILEAGE CEMENT PUMP TRUCK		0.00	6.00	228.00
1.00	EA	PUMP CHARGE SQUEEZE		0.00	1,100.00	1,100.00
260.00	SK	COMMON CEMENT		0.00	19.00	4,940.00
260.00	EA	BULK CHARGE		0.00	1.25	325.00
1.00	MI	BULK TRUCK - TON MILES-MIN CHG		0.00	150.00	150.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		6,895.00
		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		RENCO Sales Tax:		517.13
				Invoice Total:		<u>7,412.13</u>
RECEIVED BY		NET 30 DAYS				

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days past

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service

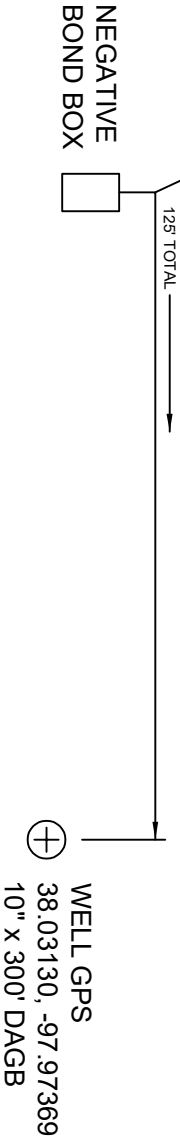
Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



RECTIFIER GPS
38.03134, -97.97404



EXIST. PIPE



1 PROJECT LOCATION PLAN

A INSERT

SAFETY ALERT: THIS DOCUMENT DOES NOT REFLECT ACTUAL SITE OR SUBSURFACE CONDITIONS AND SHALL NOT BE RELIED UPON FOR THE LOCATION OF ANY UTILITIES, CURRENTS, HAZARDS OR OTHER CONDITIONS WHERE THE WORK IS TO BE PERFORMED. UNDERGROUND STRUCTURES AND UTILITIES MAY BE PRESENT WHICH ARE NOT DOCUMENTED OR LOCATED. THIS DOCUMENT IS FURTHER SUBJECT TO ALL SAFETY NOTES SET FORTH HEREIN.				CLIENT			
NOTICE: THIS DOCUMENT IS PRELIMINARY. PREPARED FOR A LIMITED PURPOSE IN RELANCE UPON INFORMATION PROVIDED BY OTHERS, AND INTENDED FOR SPECIFIC APPLICATION UNDER CERTAIN CONDITIONS. THIS DOCUMENT, AND ANY DESIGNS OR DETAILS, ARE THE PROPERTY OF INFRAPRO SERVICES AND SHALL NOT BE COPIED, REPRODUCED, TRANSMITTED, MODIFIED, RELIED UPON OR USED FOR ANY PURPOSE WITHOUT THE PRIOR EXPRESS WRITTEN PERMISSION OF INFRAPRO. INFRAPRO DOES NOT WARRANT THE ACCURACY OF INFORMATION DEPICTED AND ASSUMES NO LIABILITY FOR ANY UNAUTHORIZED COPY, REPRODUCTION, TRANSMITTAL, MODIFICATION, RELANCE OR USE HEREOF. ANY USE REQUIRES AN INDEPENDENT DETERMINATION BY A QUALIFIED DESIGN PROFESSIONAL OF THE ACCURACY AND SUITABILITY OF ANY DATA, DESIGN, DETAIL, OR INFORMATION TO THE APPLICATION AND CONDITIONS. FAILURE TO COMPLY MAY RESULT IN PROPERTY DAMAGE OR PERSONAL INJURY FOR WHICH INFRAPRO SHALL HAVE NO LIABILITY. ELECTRONIC TRANSMISSION MAY RESULT IN ERRORS FOR WHICH INFRAPRO ASSUMES NO LIABILITY.				TITLE			
ONEOK				CATHODIC PROTECTION SYSTEM DEEP ANODE GROUNDBED INSTALLATION HF-04 REPLACEMENT RUMLER SOUTH HUTCHINSON, KANSAS			
DRAFT DATE (YYYY.MM.DD)		DESIGNED BY		DRAWN BY		CHECKED BY	
2025.8.21		E.MANZO		C.BROWN		P.KING	
APPROVED BY		CLIENT DRAWING NO.		SCALE		REV.	
P.KING		24185-70		NTS		24185-70	
PROJECT NO.		SHEET NO.		1		OF 1	
DRAWING NO.		24185-70		1		0	
REV.		DATE		JD		PK	
0		9.24.2025		CLB		PK	
AS-BUILT		BY		CHK.		APP.	
REVISION DESCRIPTION		ENG.		PK		REV.	