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| * STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION | API NO. 15- 135-23,161-0000 |
| OIL & GRO CONSERVATION DIFFICIENT | County. Ness |
| WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY | SE/4 NE/4 NE/4 14 16S 26W East Sec. TwpRge X West |
| DESCRIPTION OF WELL AND LEASE | 4290 Ft North from Southeast Corner of Section |
| 4689 | (Note: Locate well in section plat below) |
| Operator: License # 4689 Thomas C. Lutz | |
| Address P. O. Drawer AR | Evel 'D'' 1 |
| | ADMOT D. |
| City/State/Zip Shell Knob, MD 65747 | Fleid Name. |
| Koch Oil Company Wichita, Kansas | Producing Formation. Ft. Scott |
| H. L. Maddox | Elevation: Ground2555KB2560 |
| Operator Contact Person H.L.Maddox Phone 316-653-4178 | Section Plat |
| 5302 | 4950 |
| Contractor:License 5302 Name Red Tiger Drilling Company | 4620 |
| | 3960 3630 |
| Wellsite Geologist Rod Tremblay Phone (913) 625-5434 | 3300 |
| Phone(913) 625-5434 | 2970 2640 |
| | 2310 |
| Designate Type of Completion | 1650 |
| X New Well Re-Entry Workover | 1320 |
| X 011 SWD Temp Abd | 990 |
| Gas Inj Delayed Comp. | 330 |
| Dry Other (Core, Water Supply etc.) | 5280 4 4 9 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |
| if OWWO: old well Info as follows: | 04448888888 |
| Operator | WATER SUPPLY INFORMATION |
| Well Name | Disposition of Produced Water: Disposal |
| Comp. DateOld Total Depth | Docket # |
| WELL HISTORY | Questions on this portion of the ACO-1 call: |
| | Yes very service and the service services and the service services and the services are services are services and the services are services are services and the services are service |
| Drilling Method: | Water Resources Board (913) 296-3717 |
| Drilling Method: X Mud Rotary Air Rotary Cable | Source of Water: |
| Mud Rotary Air Rotary Cable | |
| Mud Rotary Air Rotary Cable 9/17/87 9/26/87 10/15/87 | Source of Water: 37935 Division of Water Resources Permit # |
| Mud Rotary Air Rotary Cable 9/17/87 9/26/87 10/15/87 Spud Date Date Reached TD Completion Date | Source of Water: 37935 Division of Water Resources Permit # |
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WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO.

418585

| DATE | CUSTOMER ORDER | NO. | | · · · · · · · · · · · · · · · · · · · | WELL NO. AND FARM | | cóu | NTY | | | | STATE | |
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FORM 1908 R-4

TO: HALLIBURTON SERVICES

DISTRICT

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

INVOICE & TICKET NO. 418585

| | THE SAME AS AN INDEPENDENT CONTRACTOR TO: | OF LI | # 7 | (CUSTO | | | | |
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| CUS | TOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDIT | TION TORECEIVE | E THE PRO | DUCTS. SUP | PLIES. MATI | ERIALS, AND | SERVICES | |
| - | THIS CONTRACT MUST | | | | | | | |
| Α | s consideration, the above-named Customer agrees: | DE GIGINES BEI OF | | OOMINEROLD | • | | | |
| | To pay Halliburton in accord with the rates and terms stated in Halliburton's curren Halliburton shall not be responsible for and Customer shall secure Halliburton agains | | to n | t | | | | |
| | the willful misconduct or gross negligence of Halliburton, this provision applying to bul Customer shall be responsible for and secure Halliburton against any liability for r | t not limited to subsy | rface damage | and surface da | mage arising f | om subsurface d | amage. | |
| - | well blowout, unless such loss or damage is caused by the willful misconduct or gross Customer shall be responsible for and secure Halliburton against any and all liabilit | negligence of Hallibi | urton. | | | | | |
| | a service operation performed by Halliburton hereunder. | | | | | | | _ |
| (8 | Customer shall be responsible for and secure Halliburton against any liability for inju- injury to the well), or any damages whatsoever, irrespective of cause, growing out of the willful misconduct or gross negligence of Halliburton | ry to or death of pers or in any way conne | cted with the | an employees of use of radioactiv | Halliburton, o e material in th | r damage to prope e well hole, unless | erty (including s such damage | , but not limiter shall be cause |
| (f | | | | | | | | |
| (g | Customer shall, at its risk and expense, attempt to recover any Halliburton equip Customer shall pay Halliburton its replacement cost unless such loss is due to the sold Halliburton the lesser of its replacement cost or the cost of repairs unless such damage. Customer shall, in addition to the foregoing, be fully responsible for loss of or dam, the landing until returned to the landing, unless such loss or damage is caused by the | negligence of Hallibu is caused by the sole age to any of Hallibu | irton if Hallibi negligence of irton's equipm | urton equipmen Halliburton, In I | t, tools or instru he case of equ | ments are damage pment, tools or in: | ed in the well. (struments for r | Dustomer shall marine operatio |
| .{h | Because of the uncertainty of variable well conditions and the necessity of relyin interpretation, research analysis, job recommendation or other data furnished by in interpreting it, but Customer agrees that Halliburton shall not be responsible to misconduct in the preparation or furnishing of it. | Halliburton, Hallibi | irton personn | el will use their l | est efforts in g | athering such info | rmation and th | heir bést iudan |
| (i) | Halliburton warrants only fittle to the products, supplies and materials and that the sar MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOS remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise products, supplies, or invaterials on their return to Halliburton or, at Halliburton's of special, incidental, indirect, punitive or consequental damages. | E STATED IN THE I se) arising out of the s | MMEDIATEL [*] ale or use of a | Y PRECEDING iny products, su | SENTENCE. pplies or mater | Halliburton's liab | ility and Cus | tomer's exclu- |
| (j) | Invoices payable NET by the 20th of the following month after date of invoice. Upon Citis invoice is dated. Customer agrees to pay interest thereon after default at the highest ta | stomer's default in pa wful contract rate ap | ayment of Cus | stomer's accour | it by the last di 18% per annum | ay of the month for | ollowing their | nonth in what is |

attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.

(f) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton,

(k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME AND AM RM

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

CUSTOMER

| · · | PLIBUH | TON SE | RVIC | ES | | HALLIBURTON DIVISION | WICH | 217 | to be | | | | | |
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HALLIBURTON SERVICES WELL NO. | LEASE FUC! TICKET NO. 4 JOB LOG CUSTOMER TOD LUTZ FAGE NO.

FORM 2013 R-2

JOB TYPE CONT ADVIA AND DATE 9-30-87

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| (HALLIBÜRTON) | | | • | | |
| A DIVISION OF HALLIBURTON COMPANY | | | | | |

| FORM 1906 R-10 |) EACE NAME | | | COUNTY | PA | GE 1 OF_ | | CITYIOS | SHORE LOC | ATION | | DATE | | |
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| ADDRESS) | Don ter | <u>ገ</u> | | | · | CONTRACTOR | Ser Ri | # | 1 | LOCATIO | · CL | . K | CODE SO3 | <u> </u> |
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| D V V | | | | | | WELL TYPE | | WELL | CATEGORY | • | WE | LL PERMIT | NO. | |
| <u>ה</u> | | | | | | D35 | POSE OF JOB | | | | B | ا- الان الان | 45 | 560 |
| date of invoice, in highest lawful co attorney fees in t Halliburton CHANTABILITY, f exclusive remedy in ment of such produ | ation, the above-named Custo Upon Customer's default in p. intract rate applicable, but ne he amount of 20% of the amo- warrants only title to the pr- TITNESS FOR A PARTICUL acts, supplies or materials and interest punitive or conseque | ymer ver to unt of oduct ARP in co their | it of Customer exceed 18% pi the unpaid acc s, supplies and URPOSE OR of ntract, tort, pi return to Hal | 's account by the las er annum, In the eve ount. These terms an | day of the month of it becomes neces diconditions shall be | following the mon sary to employ an egoverned by the la | th in which the in attorney to enforc w of the state who | ivoice is da le collection ire services | ited, Custome n of said acco are performe | r agrees to p unt, Custome For equipme | ay interest the or agrees to p int or materia | nereon after ay all collec ils are furnis | default at tion costs : hed. | the and |
| PRICE REFERENCE | SECONDARY REF OR PART NO. | L 0 C. | ACCOUNT | DE | SCRIPTI | 0 N | UNIT | S 1 MEAS | UNI | TS 2 | UNIT | | MOUN | JT |
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| AS PER | ATTACHED BUL | .K 1 | MATERIA | L DELIVE | Y TICKET | NO. | <u>ч</u> В - | <u>i</u> | | <u>!</u> | <u> </u> | # | | <u></u> |
| VAS JOB SATISFACTOR | RILY COMPLETED? | | | | TAX RE | FERENCES | | | | | SUB TOTA | , | | |
| | QUIPMENT SATISFACTORY | | | | | | | | | | TA | <u> </u> | | |
| VAS PERFORMANCE O | F PERSONNEL SATISFACTO | JHY?. | 77- | _ | | | . | | | | TA | | | |
| CUSTOMER O | R HIS AGENT (PLE | ASE | PRINT) | | 1). | - <i>D</i> | | | | | | | , | |
| CUSTOMER O | R HIS AGENT (SIGN | AT | URE) | | In | HALLIBURT | | ŌR | • | | TOTAL | <u> </u> | <u></u> | |
| ACT OF 1938, AS AM WITH IN THE PROD | HE FAIR LABOR STANDAR BENDED HAS BEEN COMPLI UCTION OF GOODS AND | ED OR | HALLIBU APPROV | | | OK | às | | | | | | ** | |

ACT OF 1938, AS AMENDED HAS BEEN COMPLIED HALLIBURT WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

HALLIBURTON SERVICES LEASE FUEL D TICKET NO. -17 16305 JOB LOG VOLUME (BBL) PRESSURE (PSI) CHART No. RATE (BPM) Called @ 0015 Roady @ 0300 On location - Rig Frying down Dil st. 55" rsug (sug on bottom - Diopfill up Rall. 0245 0910 Mack up to cir, (Ball through @ 800 CIR ISAG Y WART PIPES' 0930 Fix i'm ISNG Hock to House A 0955 St. 500 cal Mud flyst 12 St. 20 BBI Solt flush 1607 51. mixing 200 sks. 60/10 Par 24 1110 12% solt, 34% CFR2 11 1/sk Horde arking end. 1001 6% PSI before plus landing 1.046 1044 Job Complete - Washing & Karkup 1045

HALLIBURTON A Division of Halliburton Company

FORM 1908 R-4

DISTRICT

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

INVOICE & TICKET NO. 474 305

9 2× E

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH FOUIPMENT AND SERVICEMEN TO DELIVER AND OPERAT Tons THE SAME AS AN INDEPENDENT CONTRACTOR TO: (CUSTOMER) AND DELIVER AND SELL PRODUCTS. SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING SEC WELL NO OWNED BY FIELD STATE THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT NEW MAX. ALLOW **FORMATION** F.S.1. NAME FORMATION THICKNESS CASING UR. FROM LINER PACKER: TYPE TURING TOTAL DEPTH MUD WEIGH OPEN HOLE SHOTS/FT. BORE HOLE PERFORATIONS INITIAL PROD BPD. H2O_ BPD. GAS PERFORATIONS PRESENT PROD _BPD, H2O_ BPD. GAS. PERFORATIONS PREVIOUS TREATMENT: TYPE MATERIALS TREATMENT INSTRUCTIONS: TREAT THRU TUBING | ANNULUS | CASING | TUBING/ANNULUS | HYDRAULIC HORSEPOWER ORDERED 00 CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED As consideration, the above-named Customer agrees (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless cau. the willful misconduction gross negligence of Halliburton, this provision applying to but not limited to subsurface damage, and surface damage arising from, subsurface damage. Customer shall be responsible for and secure. Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsacrince pressure, losing control of the well and well blowout, unless such loss or damage is caused by the willful misconduction grows negligence of Halliburion Customer shall be responsible for and secure Halliburton against any and all habitety of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, austro-; or a service operation performed by Halliburton hereunder Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limiteinjury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be cause. the willful misconduct or gross negligence of Halliburton. (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service (g) Customer shall, at its risk and expense, attempt to recover any Hallihurd, or expensed, tools or instruments which are lost in the well and if such expense, attempt to recover any Hallihurd, or expensed tools or instruments are not tools or instruments. Customer shall pay Halliburton its replacement dost unless such loss is due to the sele negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well. Customer shall halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of each contribution is or instruments for marine operation. Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburdon's equipment, lools or instruments, where cours at any time after delivery to Gustomer the landing until returned to the landing, unless such loss or damage is caused by the cole negligence of Halliburdon. Because of the uncertainty of variable well-conditions and the necessity of relying on facts and supporting services furnished by others. Hallitert is unable to guarantee the accuracy of 37% interpretation, research analysis, job recommendation or other data furnished by Halliburton Halliburton personnel will use their best efforts in gathering such information and their best eight in interpretation of the research analysis. misconduct in the preparation or furnishing of it. Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR 1991, 3 MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's and the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR 1991, 3 MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's and the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR 1991, 3 MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING. SENTENCE. Halliburton's liability and Customer's and the same are free from defects in workmanship and materials. remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such stems. In no event shall Halliburton be had a special, incidental, indirect, punitive or consequental damages Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which invoice is dated. Customer agrees to pay interest thereon after default at the highest lawful contract, rate applicable but never to exceed 18% per annual. In the event it becomes necessary to emi-

attorney to enforce collection of said account. Customer agrees to pay all collection costs and attorney frees in the amount of 20% of the amount of the unpaid account.

Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton

SIGNED

This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME 0300 (A.M.) P.M

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND 176305

| DATE | CUSTOMER ORDER | NO. | | WELL NO. AND FARM | | cou | NTY | | · · · · · · · · · · · · · · · · · · · | STATE | |
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| Tom Latz MAILING ADDRESS | | _ | | Same | | LOCATION | Tige | PREPARED E | | 604 | 200 |
| | | | | Hays, Ks | | 5032 | | Kuhn | | _ | - |
| CITY & STATE | | | · · | DELIVERED TO | | TRUCK NO |), | RECEIVED B | · // | <u> </u> | |
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| PRICE REFERENCE | SECONDARY REF. OR PART NO. | COD | | DESCRIPTION | | UNITS | | UNITS 2 | UNIT PRICE | AMOU | NT |
| | | | | .Ft. Pozmix | Cement2% | | MEAS. Q | TY, MEAS | 5. | | 1 |
| 504-308 | 16.00261 | 2 | | ard Cement | | 120 | | - | 5.45 | 654 | 00 |
| 506-105 | 16.00286 | 2 | | | | 80 | | i | 2.88 | | 40 |
| 506-121 | 16.00259 | 2 | B 3sk H | alliburton | Gel @2% | ! | | | | | n/c |
| 509-968 | 16.00315 | 2 | | Blended | | 1150 | 15 | (2) | .073 | | 95 |
| 509-968 | | | | | | 400 | | 18 | .073 | | 20 |
| 507-145 | 70.15329 | 2 | B CFR-2 | Blended | • | 126 | 116 | 11/2 | 3.70 | | 20 |
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| , Maria | | | | | | | | | | | |
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| | | | Returned Mileage | | | _ | T | ; ; | - | | |
| | | | Charge | TOTAL WEIGHT | LOADE | MILES | TON MILE | s | | | <u> </u> |
| | | _ | SERVICE CHAR | GE ON MATERIALS RETURN | IED | | CU. FEET | | | | |
| 500-207 | | 2] | SERVICE CHARG | SE | | | 221 CU. FEET | L | •95 | 209 | 95 |
| 500-306 | | 2 | BMileage Charge 19 | ,226 TOTAL WEIGHT | 29 LOADE | D MILES | 278. | | .70 | 195 | 14 |
| No. B 65 | 54586 | | , | | | Y FORWARD | <u> </u> | 1 | OTAL | 3,819 | 34 |
| | · - | | FORM 1911-R5 RE | V. 9-81 | | - | | <u> </u> | | | |

JQB SUMMARY WELL DATA RNG. 2 LINER SHOTS/PT. PERFORATIONS JOB DATA TOOLS AND ACCESSORIES TYPE AND SIZE DATE 9-27 DATE 9 27 DATE 9-27 DATE 9-27 TIME TIME //00 DIDD PERSONNEL AND SERVICE UNITS GUIDE SHOE UNIT NO. & TYPE CENTRALIZERS 3550 BOTTOM FLUG TOP PLUG 3703 HEAD PACKER CEMENT DATA BULK CLASS PRESSURES IN PSI SUMMARY VOLUMES HYDRAULIC HORSEPOWER REMARKS AVERAGE RATES IN BPM CEMENT LEFT IN PIPE