SIDE ONE

API NO. 15- 135-23-524 (8070)

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

| WELL COMPLETION FORM | County | Ness v | | F |
|--|---|---|---|---|
| ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE | <u>W/2</u> NW | Sec25_ 1 | wp. <u>198</u> Rge. <u>2</u> | East 2W Vest |
| Operator: License #8996 | 3960 | <u>ν</u> Ft. Nort | n from Southeast Co | orner of Section |
| Name: Mid-Continent Resources, Inc. | 4620 | Ft. West | | |
| Address P.O. Box 399 | | · | ocate well in sect | · |
| · | Lease Name _ | Borger | Well # <u>_2</u> |) |
| City/State/Zip Garden City, KS 67846 | [| Schaben | | |
| Purchaser: Clear Creek | • | ormation <u>Missi</u> | | |
| Operator Contact Person:Cecil O'Brate | | Ground | | |
| Phone (<u>316</u>) <u>275-2963</u> | Total Depth | 4403 | PB1D | • |
| Contractor: Name: - Murfin Drilling Company | MAIE | | 495 462 | 0 |
| License: 6033 | AD VIEW PROPERTY OF THE COMPANY | | 429 396 363 | ю . |
| Wellsite Geologist: Scott Corsair | | | 330 | ю 1 о |
| License: 6033 Wellsite Geologist: Scott Corsair Designate Type of Completion X New Well Re-Entry Workover | する説明 | | 264 231 198 | 10 |
| X Oil SWD Temp. Abd. c: 🗝 | 4 | | 165 | • |
| Gas Inj Delayed Comp. Dry Other (Core, Water Supply, etc.) | , p | | 990 |) |
| If OWWO: old well info as follows: Operator: | | 23,52,44,52,52,52,52,52,52,52,52,52,52,52,52,52, | 5 6 5 5 8 6 8 3 2 3 3 8 6 8 | 6-3-9/ |
| Well Name: | Amount of S | urface Pipe Set an | d Cemented at | 302 Feet |
| Comp. DateOld Total Depth | Multiple St | age Cementing Coll | ar Used? | Yes <u>x</u> No |
| Drilling Method: Mud Rotary Air Rotary Cable | | w depth set | | |
| | | e II completion, c to <u>40 feet</u> | | |
| INSTRUCTIONS: This form shall be completed in triplicate a Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with a conversion of a well requires filing of ACO-2 within 120 da | of the spude be held confi- 107 for confi- this form. A Il temporarit | date of any well. dential for a peri dentiality in exce LL CEMENTING TICKE y abandoned wells. | Rule 82-3-130, od of 12 months if ss of 12 months. TS MUST BE ATTACHE Any recompletio | 82-3-107 and requested in One copy of all D. Submit CP-4 |
| All requirements of the statutes, rules and regulations promule with and the statements herein are complete and correct to the statement are correct to the statement are complete and correct to the statemen | gated to regu he best of my | late the oil and ga knowledge. | s industry have bee | en fully complied |
| Signature | | | C. OFFICE USE ONLY | |
| Title Jack E. Goss Agent f/Operator Date | 12-20-90 | C Wirel | r of Confidentiali ine Log Received ers Timelog Receiv | |
| Subscribed and sworn to before me this 20th day of Dec. | ember , | | Distribution | eu |
| Notary Public Melanie Rau | | KCC KGS | SWD/Rep | NGPA Other (Specify) |
| Date Commission Expires 4-18-93 | | | | |
| MELANIE RAU NOTARY PUBLIC STATE OF KANSAS My Appl. Exp. 4-1893 | | F | orm ACO-1 (7-89) | PI |

SIDE TWO

| Operator Name | Mid-Contin | ent Resources, | Inc. Lease Nam | e Borge | r | Well# | 2 |
|--|---------------------------------------|---|--------------------|-------------------|------------------------------------|-----------------|-------------------------------|
| Sec. 25 tup. 199 | S n 22W | ☐ _{East} | County | Ness | | | |
| sec 1wp | 2 Rge | □ West | | | | | |
| INSTRUCTIONS: Show interval tested, tim hydrostatic pressure if more space is nee | me tool open a s, bottom hole | and closed, flowing temperature, fluid r | and shut-in pre | ssures, whet | her shut-in pre | ssure rea | ched static level. |
| Drill Stem Tests Tak (Attach Additiona | | ☑ Yes ☐ No | | # · !· | Formation Desc | ription | |
| Samples Sent to Geol | ogical Survey | Yes 🛭 No | | | Log 😾 | Sample | |
| Cores Taken | | Yes 🛭 No | Name | | Тор | Bott | om |
| Electric Log Run | | 🛚 yes 🗵 No | Anhyd: Heebne | rite er | 1505 3744 | | |
| (Submit Copy.) | | | Lansin | | 3794 | | |
| | | | Kansas | s City | | 41 | 36 |
| | | | Pawne | | 4216 | | |
| • | | | Fort S | scott ssippian | 4298 4392 | | |
| | | | ·Osage | | 4332 | | |
| | | | | | | | |
| | | | | | | | |
| | | CASING RECORD | ال الأوستخلجا ا | | | , | |
| | Report a | ill strings set-condu | ctor, surface, | intermediate, | production, et | c. | |
| 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 |
| Surface | 121 " | 8-5/8" | | 302 | 60/40 Poz | 165 | 2% gel, 3% c |
| Production | - | 5 ½ " | | 4393 | 60/40 Poz | 150 | |
| - | - | | | | [| <u> </u> | |
| Shots Per Foot | PERFORATION Specify Foota | M RECORD ge of Each Interval | Perforated | | Fracture, Shot, d Kind of Mater | | ueeze Record Depth |
| | | - | | | | | |
| - | · · · · · · · · · · · · · · · · · · · | | | | | | |
| | | | | | | | |
| | | | | · | | · | <u> </u> |
| | | | | | | | |
| TUBING RECORD | Size 2 7/8 | Set At 4370 | Packer At NA | Liner Run | ☐ Yes 🔂 | No | |
| Date of First Produc | ction Produci | ng Method | | ' | | · <u>-</u> | |
| 1-4-91 | | ☐ Flowing 2 | Expumping (| Sas Lift 🗀 | Other (Explain) | , - | |
| Estimated Production Per 24 Hours | n Oil | Bbls. Gas | Mcf Wate | er 8bls. 210 | | Ratio | Gravity |
| LDisposition of Gas: | | <u></u> | VA | | . NA | <u> </u> | 40 |
| Vented Sold | | _ | Hole Perfo | | Dually Complete | <u>-</u> ' | Production Intervalingled |
| (If vented, sub | bmit ACO-18.) | _ | r (Specify) | | . , , | _ | 4393 |
| | | | | | | | 4403 |

HALLBURTON SERVICES WORK ORDER CONTRACT

| 0 | R | IG | IN | A | L |
|-----|-----|----|-------|--------|----|
| . • | 1.7 | ŀO | 1 1 4 | \Box | Ł, |

| FORM | 1908 R-7 | |
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AND PRE-TREATMENT DATA

AND PRE-TREATMENT DATA

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|--|---|---|----|---|---|--|--------|---|---|----|
| | | | | | | | \sim | | | |

| | | | | | INVOICE | TICKET NO | 10/3 | 376 |
|---------------|---|---|--|--------------------------------------|---------------------------------------|--|---------------------------------|--------------------------------------|
| DISTRI | ct Hay . R. | | | | | DATE | 1-169 | <i>I</i> |
| | HALLIBURTON SERVICES YOU ARE HEREBY REQUIRES SAME AS AN INDEPENDENT CONTRACTOR, TO: | | URNISH E | . 1 /1 | ND SERVIC | | ELIVER A | ND OPERAT |
| | AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR | | E OF SERVIC | CUSTOM | | - • • • • • • • • • • • • • • • • • • • | | 1 |
| | 2 | | | -;· f· | , | | | |
| WELL | NO. LEASE BOYCE | | SEC | | TWP | | RAI | NGE |
| FIELD . | COUNTY NOS STA | - 1 ² - | | OWNED: | 54 | pri C | | |
| FIELD. | THE FOLLOWING INFORMATION WAS | | D BY TH | E CUSTON | <u> </u> | | · 1, 100, | , , , , , |
| FORMA | TION | | NEW USED | WEIGHT | SIZE | FROM | то | MAX. ALLOW |
| NAME FORMA | | CASING | | | 5/2 | ····· | | 1.0. |
| THICK | NESS TO TO | | - | | - 74 | | <u> </u> | |
| PACKE | R: TYPE RBP SET AT 3804 | LINER | <u> </u> | | 2/11 | | | |
| TOTAL | DEPTH MUD WEIGHT | TUBING | | | 21/1 | | | |
| BORE I | +OLE | OPEN HOLI | E | | | | | SHOTS/FT. |
| INITIAL | PROD: OILBPD, H₂OBPD, GASMCF. | PERFORAT | ions | | | | | |
| PRESE | NT PROD: OILBPD, H₂OBPD, GASMCF. | PERFORAT | IONS | | | | | |
| | | PERFORAT | ions | | | | | |
| DDC///C | DUS TREATMENT: DATE TYPE | | | _ MATERIALS | - | | | |
| CUSTO | Caid. 14) outside with 250 st 1 | <u>territoret</u> | 9%: C C | | C MATERIAL | C AND CED | | |
| CUSTO | MER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION | ·· | | | S, MATERIAI | _S, AND SER | VICES · · | · · · |
| As o | consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SI | | | | h = 4=0 do = | | | |
| а, | To pay Halliburton in accord with the rates and terms stated in Halliburton's current price payment of Customer's account by the last day of the month following the month in which I but never to exceed 18% per annum, in the event it becomes necessary to employ attorne of 20% of the amount of the unpaid account. | lhe invoice is date | d. Customer ad | rees to pay intere | est thereon after | default at the h | ichest lawful cr | notract rate applic |
| b) | . To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parer any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by | nt and affiliated c | ompanies and I | he officers, direc | tors, employees | agents and serv | vants of all of | them from and aç |
| | Damage to property owned by, in the possession of, or leased by Customer, and/or "well owner" shall include working and royalty interest owners. | r the well owner | (if different from | m Customer), inc | luding, but not l | imited to, surface | and subsurfa | ice damage. The |
| | Reservoir, formation, or well loss or damage, subsurface trespass or any action in the relationship of the control of the | nature thereof. | | | | | | |
| | Personal injury or death or property damage (including, but not limited to, damage to the from pollution, subsurface pressure, losing control of the well and/or a well blowout or including. | the reservoir, form the use of radioac | nation or welt), o | or any damages | whatsoever, gro | wing out of or in | any way conn | ected with or res |
| | The defense, indemnity, release and hold harmless obligations of Customer provided for in negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furn the preparation, design, manufacture, distribution, or marketing thereof, or from a failure it not apply where the claims or liability are caused by the gross negligence or willful miso subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents a | nished by Hallibur o warn any perso conduct of Hallibu | ton or any def in of such defe inton. The term | ect in the data, ct. Such defense | products, suppli , indemnity, rele | es, materials, or ase and hold ha | equipment of rmless oblicati | Halliburton wheth ons of Customer |
| c) | That because of the uncertainty of variable well conditions and the necessity of relying on supplies or materials, nor the results of any treatment or service, nor the accuracy of any owill use their best efforts in gathering such information and their best judgment in interpriany damages arising from the use of such information. | chart interpretation | n, research ana | lysis, job recomm | endation or oth | er data furnished | Lby Halliburton | Halliburton pers |
| d) | That Halliburton warrants only title to the products, supplies and materials and that the OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE S cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the punitive or consequential damages. | TATED IN THE 11V | IMEDIATELY PE | RECEDING SENT | ENCE. Halliburi | on's liability and | Customer's ex | clusive remedy in |
| е) | That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, shall pay Halliburton its replacement cost unless such loss is due to the sole negligence the lesser of its replacement cost or the cost of repairs unless such damage is caused be shall, in addition to the foregoing, be fully responsible for loss of or damage to any of H returned to the landing, unless such loss or damage is caused by the sole negligence of Hall | of Halfiburton, If by the sole neglig latfiburton's equip | Halliburton equi | ipment, tools or i | instruments are | damaged in the | well, Custome | r shall pay Hallib |
| f) | To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the e | extent permitted b | y law. | | | | | |
| g) h) | That this contract shall be governed by the law of the state where services are performed or That Halliburton shall not be bound by any changes of modulocations in this contract, except | r materials are fur | nished. | n je mada in umit | ina hu a didi | (horized access) | n allies | Dibu sutus |
| , | 14 x | SUCIT CHAIN | LHAVE | REAN AND UND | THIS | CONTRACT AN | D DEDDEREN | т |
| | ÀBB → ₽ 1001 | SIGN | THAT I | Cell | TO SIGN THE | SAME AS CUST | OMER'S AGEN | NT, |
| | TION PRISCION | | | | CL | STOMER | | |
| We certii | CONSERVATION DIVISION OF that the Feir Labor Standards Act of 1938, as Mining the Bear compiled with | DATI In the | E | | · | | | |

HALLEURTON SERVICES

BULK MATERIALS DELIVERY

AND TICKET CONTINUATION ORIGINAL

WELL NO. AND FARM DATE CUSTOMER ORDER NO. 4-16-91 Borger #2 Nesa Kansas CHARGE TO Alid Craft Thisman OWNER CONTRACTOR № B 904125 American Wattier Same MAILING ADDRESS PREPARED BY DELIVERED FROM LOCATION CODE Cox Ma Hays, Ke 25525 Kuhn RECEIVED BY CITY & STATE DELIVERED TO TRUCK NO. Gunter City 1) 51252 S Bazine, Ks SECONDARY REF. OR PART NO. CODE UNITS 1 UNITS 2 PRICE REFERENCE AMOUNT DESCRIPTION L D QTY. MEAS OTY IMEAS 2 Halliburton Light Cement 504-316 250 5.2 1,302 | 50 504-308 \$16.00261 2 B Standard Cement 50 272 50 509-406 \$90.50812 2 B Calcium Chloride Blended 1 26.25 26 | 25 507-210 890.50871 2 B Flocele Blended 63 1.30 81 90 STATE CONFORMATION CONSERVATION DIVISION Wichita, Kansas Returned Mileage Charge TOTAL WEIGHT LOADED MILES TON MILES SERVICE CHARGE ON MATERIALS RETURNED CU. FEET 500 - 2072 306 CU. FEET 1.15 351 90 SERVICE CHARGE 500-306 2 27.893. 18 LOADED MILES 10 ATLES . 037 .80 200 83 2,235 88 № B904125 CARRY FORWARD TO INVOICE SUB-TOTAL FORM 1911 - 46 REV. 8-65

HALLIBURTON SERVICES WELL NO._ **JOB LOG** 4-16-41 FORM 2013 R-2 JOB TYPE VOLUME (BBL') (GAL') PUMPS PRESSURE (PSI) CHART NO. RATE (BPM) TIME DESCRIPTION OF OPERATION AND MATERIALS TUBING CASING 0830 Called out 0930 1113 77 45 1145 HO 1440 11) 1in BECEIVED TO A TOWN SIPAE EX APR 1 9 1991 CONSERVATION DIVISION Wichita, Kansas

| | | | | | | | | | | | L L | 133816 |
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| | | | | | WEL | L DATA | | | Ness | J1197" | ٠ | ,) |
| LD | | | . | _SEC | TWP | RNG | NEW | COUNTY | | | STATE_ | <u>rs.</u> |
| MATIO | NAME | | TYP | € | | | USED | WEIGHT | SIZE | FROM | то | MAXIMUM PS ALLOWABLE |
| MATIO | THICKNESS_ | _F | ROM | то | | CASING | | | 5/2 | ļ <u>.</u> | ļ. <u>.</u> | |
| IAL PRO | DD: OIL | BPD. WATER_ | BPD. | GA5 | MCFD | LINER | - | | 1979 | ļ | <u> </u> | |
| SENT P | ROD: OIL | BPD. WATER_ | 8PO. | GAS | MCFD | OPEN HOLE | | | 243 | - | | - |
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| KER TY | | <u> </u> | SET A | iT <u></u> | | PERFORATION | | | | <u> </u> | <u> </u> | |
| гом но | OLE TEMP. | | PRESSURE | | | PERFORATION | | - | | <u> </u> | | |
| . DATA | | | TOTAL | DEPTH | | DATA | | | | <u></u> | <u> </u> | <u> </u> |
| | | TOOLS AND ACC | FSSORIES | | 305 | CALLED OU | 7 | ON LOCA | TION | JOB STARTED | , <u> </u> | OB COMPLETED |
| | TYPE AN | | OTY. | ! | MAKE | DATE 4 / | 6.91 | J 4 | 1.16 91 | DATE 4 16 | - 1 | DATE 4-16-91 |
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| E SHO | | | | | | | | IAME | SHITEL AN | D SERVICE ! | | LOCATION |
| TRALIZ | | | | | | /) - | , | YAME | | COALS | | LOCATION |
| TOM PL | | | 1 | | | 1/1 | 3/10 | <u>r - 29 </u> | | 51115 | 1/ | Vess Copile |
| PLUG | 5-62 | 5% | 1 | 1/00 | 40 | 77 7 | aL/ | | | Bulk | - '- | 1 1 |
| D | | | 1 | | | | 154 | // 47 | | \$1250 |) / | ley to |
| ER | | | | | · | | | | | | | |
| R | | | <u> </u> | | _ | | GC: | المراجعة | | - | | |
| | | MATERIA | ALS | l | | STHIE GO | III PÕH A | 1990 | | | | |
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| TYPE. | | GA | | | _% | | | | | 1 | | |
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| | | | | | | CUSTOMER REPRESENTA | TIVE'-X | \angle $ _{\wedge}$ | 0 11 | (D) | 00- | ı |
| R | | | | | | | 1)? | ~~ | O Au | <u></u> | | |
| ER | <u> </u> | | | | | HALLIBURTON OPERATOR | <u>, {</u> C _{€7} | <u>461 B.</u> | 1960 | 7 | COPIES _REQUESTE | rn. |
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| AGE | NUMBER OF SACKS | CEMENT | BRAND | BULK | | | ADDIT | " IVES | | | YIELD | |
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| | °5€ | Slowdard | | | 3% CC | • | | | | | 1.13 | 15.6 |
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TICKET NO. 125896-[

ORIGINAL

| FORM 1906 R-11 | | | | | | <u> </u> | | 1 4 / 1 1 | L | | | |
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| WELL NO. — FARM OR | LEASE NAME | | | COUNTY | STA | i 1 | CITY/OFFS | HORE LOCAT | ION | | ATE Li II GI | |
| CHARGE TO | 6.3 A S S S S S S S S S S S S S S S S S S | | | 1V C 4 13 | OWNER | K 5 | | TICKE | T TYPE (C | HECK ONE) | 4 /6 G/ | SEN JOB |
| Med C. | Mount Porce | 7/15 | | | (| <u></u> | | | nce 📝 | SALES | YES _ | NO & |
| ADDRESS | | | | | CONTRACTOR | (1).11 | 100 | 11 | OCATION | િયા. ઉપા | ノーフ _い | 7 |
| CITY, STATE, ZIP | 1 | | | | SHIPPED VIA | | HT CHARG | ES OL | OCATION | 1/2 | CODE | ()) |
| <u> </u> | | | | | 9454 | | 770 a | ALECT Z | Herry | , K., | 2:5 | <u>); </u> |
| WELL TYPE | / WELL CATEGO | RY | | WELL PERMIT NO. | DELIVERED TO | .A | | 3 | OCATION | | CODE | |
| TYPE AND PURPOSE | | | <u> </u> | D | ORDER NO. | | | REFE | RRAL LOC | CATION | ;I | |
| Oic |) | | | B- 909477 | d saver stand in Unita | | na fina buni | nas naushin NE | The the 2 | Orb. of the foll | nuing month after | data |
| of invoice. Upon lawful contract fees in the armor Halliburton FITNESS FOR A if of action (whethe supplies or materi punitive or consequents) | warrants only title to the proc PARTICULAR PURPOSE OR O or in contract, tort, product b als on their return to Hallibar | nt of Cus coed 18 se unpeic lucts, su ITHERWI inbility, ton or, | stomer's accounts of an amount. I account. Their options and mat SE WHICH E) breach of war at Halliburton' | liburton in accord with the rates among by the last day of the month for in the extensive section in the extensive section with the control of the extensive section shall be governed to the extensive section of the extens | lowing the month in we to employ an attorney emed by the law of the em defects in workman N THE IMMEDIATELY the sale or use of a customer of credit for | hich the invoice is to enforce collection state where servi- ship and materials. PRECEDING SENT my products, sup- the cost of such | dated, Custon of said access are partie. THERE ARE ENCE. Haltibolies or mate items, in ne | mer agrees to count, Customer med or equipm NO WARRANT urton's fiability crials is expres event shall H | pay interest in agrees to nent or ma (ES, EXPRE y end cust sly limited allihurton | st thereon after o pay all collec- brials are furn :SS OR IMPLIE ionser's exclus I to the repla- be liable for s | or default at the high ction costs and atten- ished. D, OF MERCHANT, live remedy in an cement of such p special, incidental, | hest wney ABILITY, y cause inducts, indirect, |
| PRICE | SECONDARY REF | L O | ACCOUNT | DESCRIP | TION | UNITS | MEAS | UNITS | 2 MEAS | UNIT | AMOU | NT |
| REFERENCE | OR PART NO. | C i | ACCOUNT | MILEAGE | erf e | 7.7 | 1 / | | i mexa | 752 | 46 | VU. |
| 000 119 | | - | | 9 | 0939 | 7 5 | they f | | | | Gis | 400 |
| COLUM- | ort nit | - ' - | | Trend Street | <u>t</u> | | | . :/ | 1 | | 113 | 2 |
| <u>Ojerone</u> | | # | | 5 1 100 | Here | 1 1 | BU | 5/2 | 13.1 | | 50 | |
| | | - | | <u></u> | STATE CORPOR | SIN COMM | i Id Ores | | ! | | | |
| | | | | | 806.4 | | NOISE | | <u> </u> | | | - |
| | | | | | APR 1 | 4 1991 | <u> </u> | | <u> </u> | | | _ _ |
| | | | | | CONSERVATE Wichita | ON DIVISION | | | | | | |
| | | | | | Wichita, | Kansas | ! | | 1 | | | |
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| X CUSTOMER O | R HIS AGENT (SIGNATU | | | HALLBURTON APPROVAL | CUSTOMER | } | • | | _ | | | |

PAGE 1 OF # PAGES

TICKET No. 080529 - 9

HALLIBURTON SERVICES ORIGINAL 2270 Coul & BMU FE. WELL NO. - FARM OR LEASE NAME COUNT DAJ 3.90 CITY / OFFSHORE LOCATION NITROGEN JOB TICKET TYPE (CHECK ONE) CHARGE TO Samo Continent Kesources SERVICE SALES CONTRACTOR Murfin DAK. CO. COOL D. S.S.S.S PPD COLLECT DELLVERED TO CODE WELL CATEGORY WELL PERMIT NO. Location 01 TYPE AND PURPOSE OF JOB REFERRAL LOCATION B-903932 035 As consideration, the above-named Customer agrees to pay Haltiburton in accord with the rates and terms stated in Haltiburton's current price lists. 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 the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per amumin. In the event it becomes necessary to employ an 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. These terms and conditions halb be governed by the law of the state where services are performed or equipment or materials are furnished. Haliburton werrants only title to the products, supplies and materials and strongly the law of the state where services are performed or equipment or materials are furnished. FITNESS FOR A PARTICULAR PURPOSE OR OTHERMSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Haliburton's lability and customer's exclusive remoty in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products.

The product is a supplies or materials on their return to Haliburton or, at Haliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Haliburton be liable for special, incidental, indirect, puritive or consequential dramages. UNITS 1 UNITS 2 ۱ ۵ ۵ UNIT PRICE SECONDARY REE DESCRIPTION AMOUNT MEAS QTY REFERENCE OR PART NO. ACCOUNT MEAS 2) 19 MILEAGE Mil 100-117 51145 .40 Surcharge 19 mil 000-118 HYOU Ft. YMA SCIUIC したい 001.016 تريح 337, 35 5/3/14 64 4440 40 5 301,9300 Centralizers 5/2/11 P4 CREC 5/2 /1 S888,008 Ca الماليان .45 cial 018-315 7/2 33 855,0273 CU 111 HEHEINED STATE CORPORATION COMMISSION APN 1 9 1991 CONSERVATION DIVISION Wichita, Kansas B- 903437 AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. 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 THE CONTRACT. WAS JOR SATISFACTORILY COMPLETED? WAS OPERATION OF EQUIPMENT SATISFACTORY?

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? CUSTOMER OR HIS AGENT (PLEASE PRINT) HALLIBURTON APPROVAL CUSTOMER OR HIS AGENT (SIGNATURE)

FIELD OFFICE

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

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WORK ORDER CONTRACT

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| TO:: HALLIBURTON SERVICES YOU ARE HE | REBY REQUESTED TO FU | RNISH EC | UIPMENT A | ND SERVI | CEMEN TO | DELIVER A | ND OPERATE |
| THE SAME AS AN INDEPENDENT CONTRACTOR TO: | lid Continent l | esour | CCS | · FB\ | | | |
| AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MAT | · | OF SERVI | | • | • | | |
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| CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER | CONDITION TO RECEIVE TO | HE PRODUC | CTS, SUPPLIE | S, MATERIA | LES! AND SE | RYJCES | |
| As consideration, the above-named Customer agrees: THIS CONTI | RACT MUST BE SIGNED BEFORE V | WORK IS CON | IMENCED | | | | |
| To pay Hattiburton in accord with the rates and terms stated in Hattibur payment of Customer's account by the last day of the month following the but never to exceed 18% per annum in the event it becomes necessary of 20% of the amount of the unpaid account. | e month in which the invoice is date | d, Çustomer a | grees to pay inte | rest thereon af | er default at the | e highest lawful d | contract rate applica |
| b) To defend, indemnify, release and hold harmless Halliburton, its divisions, any claims, liability, expenses, attorneys fees, and costs of defense to the | , subsidiaries, parent and affiliated or extent permitted by law for: | ompanies and | the officers, dire | ctors, employee | es, agents and s | servants of all of | them from and aga |
| Damage to property owned by, in the possession of, or leased by "well owner" shall include working and royally interest owners. | y Customer, and/or the well owner | (if different fro | om Customer), in | cluding, but no | t limited to, surf | ace and subsur | face damage. The to |
| 2. Reservoir, formation, or well loss or damage, subsurface trespass or | r any action in the nature thereof. | • | | | | | |

- - Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's regigence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Italiburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- That 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 IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remortly 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 is expressly limited to the replacement of such products, supplies or materials in their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, writing or expenditually damages. punitive or consequential damages.
- That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered. Customer that customer shall, at its high account of the sole institution and the sole institution. In the sole institution is replacement cost on the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law.
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- That 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

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED IN SIGN THE CAME AS CUSTOMER'S AGENT. 10 20am SIGNED. CUSTOMER TIME

. 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.

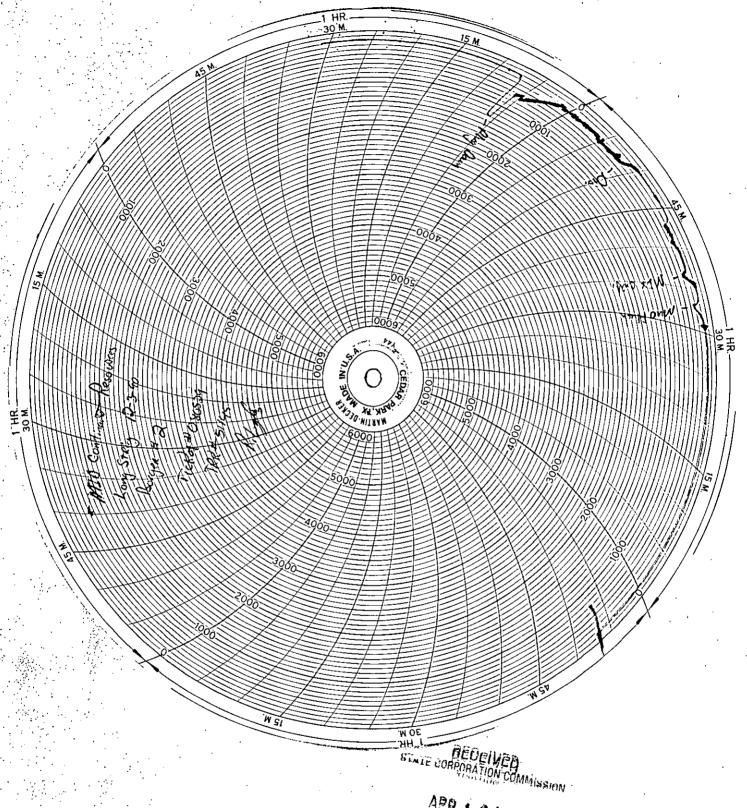
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Mid Contingent Resources PAGE NO. 1 JOB LOG CUSTOMER. DATE 17-3-90 FORM 2013 R-2 JOB TYPE PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS TIME RATE (BPM) TUBING. * Called out kin. 1800 laying down O.P. 1930 STENT 5/2": CSTO BECKED - Shoe + Buffle on 1st 3130 Cent. on # 2, 6, 10, 82, 88 Conti Basket on topo (\$82 Drop Bill $\mathcal{D}_{\mathcal{I}}$ Cir. with Ria pump tag 2750 Butten. Pull up 9º 1 3 Drop B. Q Packer Shoe Daspor ٠,٠ Pump Suche Mid Fligh 78 h 6 12 34 6 West pump + lives + Police Play 2445 Dis. plun 107 551 2447 7.5 11100 Pil Holding Plucy down 104 1. 19.98 0100 0105 *** wash & Kackup truck Jos Complete To be a second 5**,₹3**51.... 144 CONMISSION A د دو دی که سخه j: 4 · San the 1 11,15 6 i, j'"DU589 E0037 & PC 51250 BT . 42 0

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.. HALLIBURTON SERVICES

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CONSERVATION DIVISION Wichita, Kansas

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| WELL TYPE | VVELL CATEGO |) DRY | 172 | WELL PERMIT NO. | SHIPPED VIA | ; - | PPD CHARG | OLLECT 2 | OCATION | 443/ | AS SU | 52 |
| C) (TYPE AND PURPOSE OF | 01 | | | WELL PERSON NO. | Locat | 10n | | 3 | UCATION | | CODE | |
| (2) (2) | | | | B- 903897 | ORDER NO. | | | | RRAL LOC | | | |
| of invoice. Upon C. lowful contract rate fees in the amount Holliburton wa FITNESS FOR A PAR of action (whether in supplies or materials puntive or consequen PRICE | istomer's default in payme a psplicable, but never to a of 20% of the amount of it irrants only lide to the pro- ITICULAR PURPOSE OR of contract, tort, product is on their return to Hallibus tiel damages. | nt of Ci xceed 1 he unpa- ducts, se oTHERW iability, ton or, | ustomer's accounts and per annum. Be account. These supplies and mass ASE WHICH EX- breach of war ast Halliburton's | iburton in accord with the rates and ter at by the last day of the month follow in the event it becomes necessary to a terms and conditions shall be governe rates and that the same are free frond CEND BEYOND THOSE STATED IN TO ranky or otherwise] arising out of the soption, to the allowance to the cust | efects in workmanshi 1E IMMEDIATELY PR 18 sale or use of any orner of credit for th | th the invoice is enforce collection at where serving and materials. ECEDING SENT products, supplier cost of such | THERE ARE ENCE. Hallib bles or mate items. In no | omer agrees to count, Custome count, Custome medical country with the country of the custom country of the custom | ES, EXPRE and cust sly limited illiburton b | thereon after pay all collecterials are furness of swickers to the replace liable for s | D. OF MERCHANT, rive remedy in an cement of such p pacial, incidental, | ABILITY, y cause roducts, indirect, |
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| | | | | APR • 9 19 | 91 | | | | | · | | |
| | | | | CONSERVATION DIV Wichita, Kans | VISION as | | | 1 | | | | |
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| | | | | | | | |) 9 | | | | |
| AS PER A | TTACHED BULK | MA | ATERIAL I | DELIVERY TICKET NO. | | | 3891 | | | | 1,192 | 7.7 |
| WAS JOB SATISFACTORILY C WAS OPERATION OF EQUIPM WAS PERFORMANCE OF PER: | ENT SATISFACTORY? | | | WE CERTIFY THAT THE FAIR COMPLIED WITH IN THE PROFUNDER THIS CON | DUCTION OF GOODS | ACT OF 1938, A | S AMENDED RESPECT TO | HAS BEEN SERVICES | | SUB TOTAL | 1,142 | 77 |

HALLIBURTON SERVICES

BULK MATERIALS DELIVERY

AND TICKET CONTINUATION

ORIGINAL

TICKET NO.

CUSTOMER ORDER NO. WELL NO. AND FARM COUNTY 11-28-90 Borger #2 Ness Kansas CHARGE TO CONTRACTOR № B 903897 Mid Continent Resources Murfin Drlg. Same MAILING ADDRESS DELIVERED FROM LOCATION CODE REPARED B 25525 Hays, Ks Kuhn DELIVERED TO RECEIVED TRUCK NO. S/W Bazine, Ka 3703 $C_{C_{i}}A_{i}$, C_{i} fSECONDARY REF. OR PART NO. CODE UNITS 1 PRICE REFERENCE UNITS 2 UNIT DESCRIPTION AMOUNT Ł D QTY, MEAS. QTY, MEAS 165Cy. Ft. Pozmix Cement2IGe1 504-308 \$16.00261 2B | Standard Cement 99 5.45 539 | 55 506-105 \$16,00286 2B Pozmix 'A' 66 2.88 190 08 506-121 \$16.00259 2B 3sk Halliburton Gel@2% n/c 509-406 \$90.50812 2B Calcium Chloide Blended 4 25.75 103 00 STATE CORPORATION CAMPAGE NPH · 0 1991 CONSERVATION DIVISION Wichita, Kansas Returned TOTAL WEIGHT TON MILES LOADED MILES SERVICE CHARGE ON MATERIALS RETURNED CU. FEET 500-207 2 B IRXRIA173 1.10 190 30 SERVICE CHARGE CU. FEET 588-389 19 140.695 .75 105 52 **2**B 14,810 TOTAL WEIGHT LOADED MILES TON MILES .10 14 07 1,142 52 No. B903897 CARRY FORWARD TO INVOICE SUB-TOTAL FORM 1911 - R6 REV. 8-85

DIVISION OFFICE



WORK ORDER CONTRACT

| FORM 1 | 908 R-7 ## A Division of Haliburton Company | AND PRE- | IREAIME | INI DA | .IA | | ACH TO BETICKET NO | o. Cayo | 48 |
|---------------|--|---|---|------------------------------------|---|---------------------------------------|---------------------------------------|--|---|
| DISTRI | CT Hays Ks. | ÷ | | | | | DATE _// | 27-90 | |
| TO: | HALLIBURTON SERVICES | YOU ARE HEREBY REQU | ESTED TO FI | IRNISH FO | / MIPMENT A | ND SERVIC | EMEN TO | DELIVER A | ND OPERATE |
| | • | 11.10. | مان سال | Λ | | ND SERVIC | | DELIVER A | TO OF ENAIL F |
| ı. | THE SAME AS AN INDEPENDENT CONTRACT AND DELIVER AND SELL PRODUCTS, SUPPL | | THE PURPOSE | OE SERVIC | (CUS I UMI | ER) | | | |
| | | | | OF OLIVER | | | 11 | | |
| .WELL | no. 2 Lease Bor | geR | | SEC | <u> 25 </u> | _ TWP | 76 | RAI | NGE dd |
| | · " |) Δ). | .) | • | • | | | | |
| FIELD . | COUNTY | VCS STAT | | | OWNED | | · · · · · · · · · · · · · · · · · · · | | · |
| 500144 | ······································ | INFORMATION WAS | FURNISHEI | NEM D BA 1H | | · · · · · · · · · · · · · · · · · · · | | | MAX. ALLOW. |
| FORMA NAME | TYPE | | | USED | WEIGHT | SIZE | FROM | то | P.S.I. |
| FORMA | | то | CASING | $ \mathcal{V} $ | | 878 | 18 | 302 | |
| BACKE | R: TYPE | SET AT | LINER | | | -11 | | | · |
| PACKE | 72 | _ SET AT | TUBING | | REST RESPONDE | 14 ED | uasion | <u> </u> | |
| TOTAL | DEPTH | HT | | STA | ARDIGADO DE | HOM COM | 110011 | <u> </u> | |
| BORE I | OLE | | OPEN HOLE | | | A 1881 | 1 . | ļ | SHOTS/FT. |
| INITIAL | PROD: OIL8PD, H2O | _ BPD, GAS MCF | PERFORATION | ONS | APR 1 | 9 1991 | <u>'</u> | | |
| DDECE | • | | PERFORATION | DNS | CONSERVA | TION DIVIS | ON | | |
| PRESE | NT PROD: OIL BPD, H2O | _ BPD, GAS MCF . | PERFORATION | | / Wichit | a. Kansas | | | |
| • | • | | TENT ONATIO | | | · | | L | |
| | US TREATMENT: DATE | TYPE | | | _ MATERIALS | | | | |
| TREAT | MENT INSTRUCTIONS: TREAT THRU TUBIN | | | | | | | EO | |
| | CMA OB SURTACE C | asing with 10 | 2 2 2 KZ C | 30 40p | 102 240 | Cel, J | UCC | | |
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| · | | | | | | | | | |
| CUSTO | MER OR HIS AGENT WARRANTS THE WELL | IS IN PROPER CONDITION T | O RECEIVE TH | HE PRODUC | TS, SUPPLIES | S, MATERIAI | LS, AND SEI | RVICES | |
| | consideration, the above-named Customer agrees: | THIS CONTRACT MUST BE S | | | • | | • | | |
| a) | To pay Halliburton in accord with the rates and terms payment of Customer's account by the last day of the management of Customer's account by | nonth following the month in which t | he invoice is dated | i, Customer ag | rees to pay intere | est thereon afte | r default at the | highest lawful co | ontract rate applicable |
| | but never to exceed 18% per annum, in the event it bed of 20% of the amount of the unpaid account. | comes necessary to employ attorne | eys to enforce coll | ection of said | account, Custome | er agrees to pa | y all collection | costs and attorn | ey fees in the amour |
| . b) | To defend, indemnify, release and hold harmless Halliburany claims, liability, expenses, attorneys fees, and costs | rton, its divisions, subsidiaries, parer of defense to the extent permitted b | nt and affiliated co by law for: | impanies and (| the officers, direct | tors, employees | , agents and se | ervants of all of t | hem from and agains |
| ٠. | Damage to property owned by, in the possession "well owner" shall include working and royalty interest | of, or leased by Customer, and/or est owners. | r the well owner (| if different fro | m Customer), incl | uding, but not | limited to, surfa | ce and subsurfa | ce damage. The terr |
| | 2. Reservoir, formation, or well loss or damage, subsu | * | | , | | | | | |
| | Personal injury or death or property damage (inclu- from pollution, subsurface pressure, losing control or | ding, but not limited to, damage to t If the welf and/or a well blowout or t | he reservoir, forma the use of radioact | ition or well), o ive material. | or any damages v | vhatsoever, gro | wing out of or i | in any way conn | ected with or resulting |
| ·- | The defense, indemnity, release and hold harmless oblig negligence, strict liability, or the unseaworthiness of art preparation, design, manufacture, distribution, or manot apply where the claims or liability are caused by t subsidiaries, parent and affiliated companies, and the officers. | ny vessel owned, operated, or furn irketing thereof, or from a fallure to be pross peolicence or willful misc | ished by Halliburto warn any person conduct of Hallibur | on or any def of such defe | ect in the data p | roducts, suppli | es, materials, o | r equipment of I | falliburton whether i |
| . c) | That because of the uncertainty of variable well condition supplies or materials, nor the results of any treatment or will use their heat effects in orthography to the property of the proper | ons and the necessity of retying on | facts and supporting | na services fu | rnished by others, lysis, job recomm | Halliburton is a | unable to guara er data furnishe | ntee the effective ed by Halliburton. | eness of the products Halfiburton personno |

ormation and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnity Halliburton against will use their best efforts in gathering such information, any damages arising from the use of such information.

That Haliburton 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 MPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of acid in (whether in contract, fort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials in their return to Haliburton or, at Haliburton's option, to the allowance to the Customer of credit for the cost of such items, in no event shall Haliburton be liable for special, incidental, indirect, punitive or consequential damages.

That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay 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 equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

- To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law.
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- That 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.

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

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. - ANTIME

2230

| | * | | SEC. O |)5 TWP. 16 | L DATA |)Q 🖑 | COUNTY | Ness | | STATE | <i>K</i> . | |
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| | | | () | , | , | NEW USED | WEIGHT | SIZE | FROM | то | | MUM PSI WABLE |
| MATION NAME | | TYP | | | CASING | V | • | 878 | 1718 | 302 | ALLO | WABLE |
| MATION THICKNESS | | ROM | | | LINER | † ' | | 13 | 11 | J | | |
| AL PROD: OIL | BPD. WATER_ | BPD, | | MCFO | TURING | + | -34 | | | · · · · · · · · · · · · · · · · · · · | | |
| | BPD. WATER_ | BPD. | | MCFD | OPEN HOLE | _ | • | · · · · · · · · · · · · · · · · · · · | | - | SHO | TS/FT, |
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| TOM HOLE TEMP | | PRESSURE | | 303 | PERFORATI | | | | | | | |
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| É SHOE | | | | · · · · · · · · · · · · · · · · · · · | | | NAME | - AIT | UNIT NO. 8 | | LOCATIO | |
| RALIZERS | | | | ····· | 1) | a.le. | | | Com | | 4/ - | |
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| r. FLUID | · · · · · · · · · · · · · · · · · · · | _DENSITY | | LB/GAL.APE | 4 12 15 | | Asa. | | | | | |
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| ACTANT TYPE | G/ | \L | in | | DEPARTMENT | | 1.7. | | | | | |
| GENT TYPE | G | \L | IN | | DESCRIPTION | | | | | | | |
| LOSS ADD. TYPE _ | GAL. | LB | IN | · | _ ('ns/ | <u>' S</u> | UP THE | 2 Csyl | • | | | |
| ING AGENT TYPE | GAL. | LB | IN | | | | ··· | <u>, , , , , , , , , , , , , , , , , , , </u> | | | | |
| RED, AGENT TYPE_ | GAL. | ·LB | ın | | | | | | | | | |
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| KING AGENT TYPE_ | | | AL-LB | | ÷ | | سيح | //` - | 4 1 | 220 | A | |
| PAC BALLS TYPE | | | TY | | CUSTOMER REPRESENTA | TIVE X | 1413 | 400 | | 111 | solm | |
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| R | | | | _ . | HALLIBURTO | 16 | 19 A | Melet | > | COPIES REQUES | TED | |
| · | 1 | · · · · · · · · · · · · · · · · · · · | r · | CEMEN | T DATA | | <i>[</i> / | 1 | | | . , | |
| GE NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | | - | ADDIT | IVES | | | YIELI CU.FT/ | | KED /GAL. |
| 165 | 60-40 102 | | B | 24. Ccl | 39. CC | | | | | 1.2 | 3 14. | 36 |
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| - | PRESSURES IN | | | SUMM | | | | VOLU | MES | | · | |
| ATING | | ISPLACEMENT | | | PRESLUSH: BBL | | | | TYPE | | | |
| DOWN | | AXIMUM | | | LOAD & BKDN: | BBLGAI | | | PAD | : BBLGAL | 147 | |
| GE | | JRE GRADIENT | | | TREATMENT; BI | | 7 | 77 | | r. (BBL)GA | L. I Ord | |
| N: INSTANT | HYDRAULIC HOR | SEPOWER | _15-MIN | | CEMENT SLURR | Y: BB | 3AL | / b | | | | |
| | | | | | TOTAL, VOLUME | BBL G | AL | REMA | BKC | | | |
| | AVAILABLEAVAILABLE | S IN BPM | USED | | • | n. 1 | Vart | | | | | |
| IED | | | | | . 10 | - A' [| 4 C . T | V . 17. | 110 | | | |
| ED | | *. * | | | | | 1.6/1 | . 901 | - | | | |
| NG | CEMENT LEFT | JN PIPF | VERALI | | · | | لزار ره | · • • • • • • • • • • • • • • • • • • • | 7 | | | |

Mid Continent Rescurses PAGE NO. 177-90 JOB LOG CUSTOMER. FORM 2013 R-2 VOLLUME (BBL) (GAL) PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS TIME . TUBING С CASING 2100 ¥ 2145 . . 2212 2350 38 2415 13.2 down wasts + Ruell $\frac{1}{2}$ truck 2455 JUS Complate " , , Water State -1,20 "347.0 . . RECEIVED STATE PERSONALINATION 1. 10 mg. APR 1 9 1991 CONSERVATION DIVISION, Wichita Kansas -e² (... 7 į. يان ۽ ٠., , , Lassle Campbell EO 82Z PC 3203 DT

HALLIBURTON SERVICES

TRILOBITE TESTING COMPANY

ORIGINAL

800

TOTAL PRICE \$ _____

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

| | SER #2 | | | | 1 | 12/2 | /90 [|
|------------------------------------|--------------|-------------------|---------------|-------------------------|--|---------------|------------|
| Well Name & No. MID-CONTI | NENT RESOU | RCES | | | Date_ | FT SCO | TT |
| company P.O. BOX 3 | | | 67846 | | Zone Tested Elevation _ | 2276 GL | |
| Address MR SCOTT | CORSAIR | | MURFIN | J 44-2-3 | | | 0 |
| Co. Rep./Geo | | Cont | | | | . PC. Of Pay | MANGAG |
| Location: Sec. 25 | Twp1 | 75 | Rge | 2.ZW | _Co. NESS | State | KANDAD |
| Interval Tested | 1288-4320 | | Drll | l Pipe Size | | 4.5" XH | |
| Anchor Length | 32 | | | | | | - ¼" |
| Top Packer Depth | 4283 | | но! | e Size — 7 ⁷ | /8" | Rubber Size — | 65/4" |
| Bottom Packer Depth | 4288 | | wt. | Plpe I.D. — | 2,7 Ft. Run | 64 | |
| Total Depth | 4320 - | | Drll | I Collar — 2. | .25 Ft. Run | 526 | |
| Mud Wt. | 3:14 PM | | | | | | |
| Tool Open @ 3:14 PM | Initial Blow | VERY | / WEAK | SURFACI | E BLOW TO | 1/2" IN | |
| BUCKET-NO BLOW | W BACK | | · . | | | · | |
| Recovery — Total Feet S | Feet of DRIL | 97471 LING MUI |) | W.COMMindi | Flush Tool? | YES | 3 |
| Rec | Feet of | | APR + a | 1901 | | | |
| Rec | Feet of | Co | MISERVATION | ÜIVISION | | · | |
| Rec | Feet of | | Wichita, Kan | 292 | | ···· | |
| Rec. 0 | Feet of | | DI 0 | | 9E Corrected | Craylty | О сдр |
| | | | | | | | ppm System |
| RW@ (A) Initial Hydrostatic Mud | 2098.7 | , P | SI Ak1 Reco | rder No | 11038 | Range | 5075 |
| (B) First initial Flow Pressu | 33 4 | | | pth)4 | The 10th 10th | w/Clock No | ~~~~~ |
| (C) First Final Flow Pressure | 33.4 | | SI AK1 Reco | order No | 13337 | Range | 3975 |
| (D) initial Shut-in Pressure | 921 2 | Р | sı @(de | pth)4 | 317 | w/Clock No | 30401 |
| (E) Second Initial Flow Pres | ssure | P | SI AK1 Reco | | | Range | 0 |
| (F) Second Final Flow Press | sure | P | rsı @(de | epth) <u>O</u> | | w/Clock No | 0 |
| (G) Final Shut-In Pressure | | | SI Initial Op | | <u> 15 </u> | · | |
| (H) Final Hydrostatic Mud | 2074.€ | <u></u> F | Si Initial Sh | | <u> 25</u> | | |
| | | | Final Flo | | 5 | | |
| | | | Final Shi | ut-In | <u> </u> | | |
| • | | | | | | | |

MR ROGER SELLS

Our Representative ____

Printcraft Printers - Hays, K\$

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

| | BERGER #2 | 2 | | ₹ | ct No | | Date | . 12/3/ | 90 |
|---------------------------------------|-------------|--------------------------|--|---------------|--------------------|---------------------|----------------|-------------------------|---------------|
| Well Name & No. | -CONTINENT | | | ie | st No | | Zone Tested | | SIPPI |
| Company | BOX 399 G | | | | 1 6 | | | 2276 GL | |
| Address | | | | | | | Elevation _ | | 7 |
| Co. Rep./Geo | SCOTT COR | SAIR ——— | Cont | | | | Est | Ft. of Pay | KANSAS |
| Location: Sec | 25 ———— | Twp1 | 95 | Rge | 22V | ~ | _coNESS | State_ | |
| | 4391- | 4403 | | | Datii Dié | o Ciza | | 4.5" XH | |
| interval Tested _ | | | | | Ton Ch | oke — 1 | | ottom Choke – | - 1/4" |
| Anchor Length _ | 4386 | | | . | Hole SI | 7e — 7 ⁷ | · /a'' | Rubber Size — (| 53/4" |
| Top Packer Depth | 4391 | | | | | | 2.7 Ft. Run | 64 | <u> </u> |
| Bottom Packer De | pth4403 | } . | | | Drill Co | ıllar — 2 | .25 Ft. Run | 526 | |
| Total Depth Mud Wt | 9.7 | <u> </u> | lb / | nal | Viscosi | itv | 42_ | Flitrate | 9.6 |
| Mud Wt Tool Open @_6: | EO AM | | 1/2 | " IN | BLOW | BUI | LETTO ABO | ŒIVEN | |
| Tool Open @ 5: | BLOW-VERY | \ PIE♥K. IUICISI RIOM | FILLM TH | ROUG | HOUT | | 18 19 19 | A HON COMMISSIO | ON |
| Final Blow1/ | BLUW-VER | ITIT TO | 1 11"-BL | ED C | FF BL | .OW- | APR . | 9 1001 | |
| Final Blow | W- DECREAS | SED TO | NO BLOW | | | , | COMPEDIA | iðiv Division Kansas | |
| | | | ······································ | | | | Flush Tool? | Kansas NO | |
| Recovery — Total | Feet Feet 0 | GAS | IN PIPE | • | | | • | | |
| 1.CV- | | | AN GASSY | | -30%0 | AS/7 | 0% DI L | | |
| kec | | CILIM | CUT OIL | -10 | ZGAS∕€ | 50%01 | L/30%MUD | | |
| Rec | rectu | MUD! | DY WATER | . W/ | TRACE | E OF | OIL -70%W1 | R/20%MUD | /10%DIL |
| Rec. | | | | | | | | | |
| 104 | Feet 0 | | | | 58 | | oF Corrected | Gravity | 40oap |
| RW662 | | •¥ | orides | 1800 | Oppn | n Recov | ery Chloride | s <u>3800</u> | ppm Systen |
| (A) Initial Hydros | | | | PSI AI | d Record | er No | 11038 | Range | 5075 |
| | | 45.5 | | PSI | @ (dept | h) | 4395 | w/Clock No. | 30401 |
| (B) First Initial Flo | | 98.8 | | | K1 Record | | 4.55.55.57 | Range | 3975 |
| (C) First Final Flo | | 1258. | 5 | PSI | @ (dept | | 4400 | w/Clock No | <u> 27566</u> |
| (D) initial Shut-ir (E) Second initia | | 164.0 |) | PSI A | K1 Record | | 0 | Range | 0 |
| (F) Second Final | • | 176.9 |) | PSI | @ (dept | | 0 | w/Clock No. | 0 |
| (G) Final Shut-in | | 1266. | 5 | | nitial Ope | ning | 45 | • | |
| (G) Final Shut-in (H) Final Hydros | | 2080. | | | nitial Shut | | <u> 45</u> | | |
| (n) Fillal Hydros | | | | | inal Flow | | <u>45</u> | | |
| | | | | | inal Shut- | | 60 | | |
| | | | | · | | | | | |

| MR TOM HORACEK | MR | TOM | HORACEK |
|----------------|----|-----|---------|
|----------------|----|-----|---------|

850

TOTAL PRICE \$ _

· ORIGINAL

KCC OIL/GAS REGULATORY OFFICE

| DATE 4/16/91 OPERATOR Mid-Continent Resources # 89 | [] New Situation [] Response to Request [] Follow-up |
|---|--|
| NAME P.O. Box 399 | LOCATION C W/2 NW , SEC 25 , T 19 S , R 22 W |
| & Garden City, KS 67846 | LEASE Borger Well # 2 |
| PHONE NO. OPER. OTHER | COUNTY Ness |
| REASON FOR INVESTIGATION: Alternate II c | ompletion |
| | INSPECTION SOME THE PROPERTY OF THE PROPERTY O |
| PROBLEM: | |
| · | LEASE |
| PERSON(S) CONTACTED: Scott Corsair | |
| | |
| | 50 sx 60/40 Pozmix 6% gel and 50 sx common 2% cc. |
| Cement did not circulate but may be in seat 40'. | urface pipe. Temperature survey shows cement |
| <u> </u> | O#. Cement is most likely in surface pipe. |
| | |
| | |
| | |
| | |
| | |
| | photos taken: |
| ACTION/RECOMMENDATIONS: None. Case clos | ~ |
| | |
| CTATI | RECEIVED E CORPORATION COMMISSION |
| Retain 1 copy Joint District Office | MAY 0-2 1991 By Dan Goodrow |
| Send 1 copy Conservation Division | MAT U 2 1991 CONSERVATION DIVIDION Wichita, Kansas |

LEASE INSPECTION

| YES | NONE COMMENTS |
|--|---|
| [] I.D. Sign | [] |
| [] Tank Battery | []; Condition: good [] questionable [] overflowing [] |
| [] Pits, tank battery | []; Fluid depthft.; approx. sizeft xft |
| [] Pit, injection site | []; Fluid depthft.; approx. sizeft xft |
| [] Gas venting | [] |
| [] Oil spill evidence | [] |
| [] Saltwater evidence | []; Surface flow; seepage |
| [] Saltwater pipelines | []; Seepage visible Yes/No; tested for leaks Yes/No |
| [] Flowing holes | |
| [] Abandoned wells | [] |
| [] TA wells | []; Potential poll. prob; currently producing |
| [] SWD/ER Injection well [] SWD/ER Injection well [] SWD/ER Injection well [] SWD/ER Injection well | []; Permit # Pressure-actual psi,Authorized psi |
| [] Monitoring records | [] |
| [] Gauge connections [] Gauge connections | []: tubing; T/C annulus; C/SP annulus; c/SP annulus |
| Water samples taken | |
| Reports prepared | |
| | |
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