KCC AUG 2 1 2002

KANSAS CORPORATION COMMISSION Oil & Gas Conservation Division

WELL COMPLETION FORM

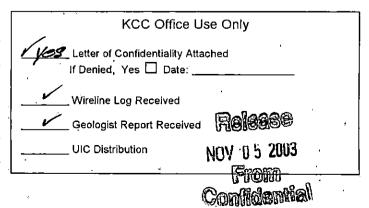
WELL HISTORY - DESCRIPTION OF WELL & LEASE

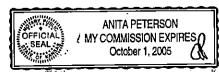
September 1999

Form Must Be Typed

| Pl No. 15 - 189-22421-0000 U U U U U U U U U U U U U U U U U |
|--|
| ounty: Stevens |
| <u>SW NE NW_ Sec_30_ Twp. 34_S.R35W</u> |
| 1137 feet from S (N)circle one) Line of Section |
| 1370 feet from E /Wxcircle one) Line of Section |
| ootages Calculated from Nearest Outside Section Corner: |
| (circle one) NE SE NW SW |
| ease Name: Williams F Well #: 1 |
| eld Name: |
| roducing Formation: NA |
| levation: Ground: 3024 Kelly Bushing: 3035 |
| otal Depth: <u>6822</u> Plug Back Total Depth: <u>6426</u> |
| mount of Surface Pipe Set and Cemented at1745feet |
| ultiple Stage Cementing Collar Used? |
| yes, show depth set |
| Alternate II completion, cement circulated from |
| et depth tow/sx cmt. |
| A . |
| rilling Fluid Management Plan |
| ata must be collected from the Reserve Pit) |
| hloride content1000 m/l/ ppm Fluid volume1800 bbls |
| ewatering method used <u>Evaporation</u> |
| ocation of fluid disposal if hauled offsite: |
| perator Name: |
| ease Name: License No.: |
| uarter SecTwp,S. R |
| ounty: Docket No.: |
| |

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and corfect to the best of my knowledge. 'Signature: Date August 21, 2002 Subscribed and sworn to before me this Date Commission Expires:





Burn and

Side Two

Operator Name: Lease Name: Williams F ☐ East ☐ West County: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature. fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copyof all Electric Wireline Logs surveyed. Attach final geological well site report. ☐ Yes 🛛 No Driff Stem Tests Taken ⊠ Log Formation (Top), Depth and Datum ☐ Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey Heebner 4292 -1257 Cores Taken ☐ Yes 🛛 No Lansing 4426 -1391 Electric Log Run 4862 -1827 Marmaton (Submit Copy) List All E. Logs Run: Induction Cherokee 5524 -2489 Neutron Microlog Cement Volume Sonic Morrow' 5907 -2872 Geological Report Chester 6304 -3269 Ste. Genevieve 6544 -3509 St. Louis 6661 -3626 CASING RECORD New ☐ Used Report all strings set-conductor, surface, intermediate, production, etc Type of Purpose of String Size Hole Size Casing Weight Selling # Sacks Type and Percent Set(in. O.D. Cement Drilled Lbs/ft Depth Used Additives C Conductor 8 5/8 24 1745 C 750 2% CC, 1/4# Flocele Surface 12 1/4 3 4.1/2 11.6 6560 C 275 5% Calseal, 5# Gilsonite, Production 7 7/8 3% KCL,5/10% Halad-322 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of #Sacks Used Type and Percent Additives Top Bottom Cement Perforate Protect Casing Plug Back TD Plug off Zone PERFORATION RECORD - Bridge Plugs Set/type Shots Per Foot Acid, Fracture, Shot, Cement Squeeze Record Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth 3 6281-6291 8 Mgal gelled 15% acid **TUBING RECORD** Size Set At Packer At Liner Run 2 3/8 6260 ☐ Yes ⊠ No Date of First, Resumed Production, SWD or Enhr. **Producing Method** Pending . Flowing Pumping Oil BBLS Water Bbls Gas-Oil Ratio Estimated Production Gas Mcf Gravity Per 24 Hours JT NA NA NΑ METHOD OF COMPLETION Disposition of Gas Production Interval ☐ Vented j ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐. Commingled (If vented, Submit ACO-18) ☐ Other (Specify) _

| HALLIBURTON JO | <u>OB SUMMARŶI</u> | ICIO - VITA | 1941189 | _ [" | | 7/11/02 | : |
|--|--|--|--|----------------|--|--|-------------------------------------|
| Central Operations | Mid Contitnent/USA | I IVAN IAL | BDA / STATE MC/KS | S | STEVENS | | : |
| MBUID7EMPL# 212723 | HES EMPLOYEE NAME JERRAKO EVANS | | PSL DEPARTMENT CEMENT | | All Lines | | |
| LIBERAL CONTROL | COMPANY | | CUSTOMER REP / PHONE GREGG FILLP | (| RIGI | 20/353 | 0065 |
| TICKET AMOUNT | WELL TYPE | CEIVED | APIUWI # | <u> </u> | 11100 | <u> 408303</u> - | 0000 |
| \$9,640.10 WELL LOCATION | OIL DEPARTMENT ALL | ~ - | SAP BOMB NUMBER | C-2 | m anà Custa | | |
| LIBERAL, KS | CEMENT 496 | B & 2002 | 7521 | | ment Surfac | ce Casin | 9 🗸 🔻 |
| | 130 - 34S - 35W KAA | | HES PACIENT (CEOSES) TO | VCLL SITE) | | | |
| HES EMP NAME / EMP # / (EXPOSURE HOURS) HRS | ня | WICHITA | | HRS | | | HRS |
| Evans, J 212723 1.5 Arnett, J 226567 1.5 | | - | | ╂╌╅╴ | | | |
| Schawo, N 222552 1.5 | | | AUU - | | | | |
| Davis, R 1.5 | | | UG 2 1 2002 R/ | <u> </u> | | | |
| HES. UNIT#S/(R/T MILES) R/T MILES 30 | R/T MILE | T | · | MILES | | | R / T M/LES |
| 54219-78299 30 | | CO | NEIDENTIAL | | | | |
| 54225-75819 15 54218-6612 15 | | | | | | | |
| Form. NameType: | | | | | | | <u> </u> |
| Form. Thickness From Packer Type Set At | To Date | alled Out 7/11/2002 | On Location 7/11/2002 | Job S | Started /11/2002 | Job Co | mpleted 1/2002 |
| Bottom Hole Temp. Pressu | re | | | | | | |
| Retainer Depth Total D Tools and Accessories | Depth Time | 1300 | 1530 Well-Data | 1 | <u> 1800</u> | 19 | 30 |
| Type and Size Qty | Make : | New/Used | Weight Size G | rade | From | To | Max. Allow |
| Float Collar 1 HON | WCOCasing Liner | NEW | 24.0 8 5/8 | | KB | 1,745 | |
| Centralizers 6 | Liner | | | $=$ \bot | | | |
| Top Plug 1 | Tubing Drill Pipe | | | _ | | | |
| Limit clamp 1 | Open Hole | | 12 1 | 4 | | | Shots/Ft. |
| Weld-A 1 Guide Shoe 1 | Perforation Perforation | | | - } | | | |
| BTM PLUG | Perforation | ns_ | Operating Hours | Parksar tred | **Dood-4 | | ner dag occidental de Postagonidas |
| Mud Type Density | Lb/Gal <u>Date</u> _ | <u>Hours</u> | Date Hou | rs | Cement Si | | |
| Disp. Fluid Density Prop. Type Size | Lb/Gal | 1.5 | 7/11 3.5 | \dashv | CIRC CMT | | V |
| Prop. TypeSize | Lb | | | | | | |
| Acid Type Gal | % | | | | | | |
| Surfactant Gal. NE Agent Gal. | In | | | | | | |
| Fluid LossGal/Lb | ln | | | | | | |
| Fric. Red. Gal/Lb | in | | | | - | | |
| Breaker Gal/Lb Blocking Agent Gal/Lb Perfpac Balls Qty. | InTotal | 1.5 | Total 3.5 | | | | |
| Peripac BallsQty. | | | Hydraulic Horser | ower | | | |
| Other | Ordered | | Avail. Average Rates in | BPM | Used | | |
| Other | Treating | | Disp. Cement Left in | | _Overall | | |
| Other | Feet 45 | <u>-</u> | Reason | | SHOE | JOINT | |
| At it is a little forward to the little in the contraction of the interest of the little in the little in the contract of the little in the li | and the second of the second o | and the second s | and the second section of the second section is a second section of the second section | - WAS THE WAS | maker Transch Complete Special | an ang ang manan ng akapatan pag-ang a | ~~~ |
| Stage Sacks Cement Bulk/Sks | Additives | nt Data - : | | . 27 P. P. | W/Ra. | Yield | Lbs/Gal |
| | 2% CC - 1/4# FLOCELE 2% CC - 1/4# FLOCELE | | | | 11.52 | 2.08 | 12.20 |
| 3 | 2% CG - 1/4# PLUGELE | _ | _ | | 6,30 | 1.34 | 14.80 |
| 4 | | | | | | | |
| | Summ | arvana dasar s | distribution of the Note of | | No. of Sand Str | C Films . A | NAC 23863 |
| Circulating Displace Breakdown MAXIM | ement | Preflush: Load & Bkdn: (| BBI _ | | Type: | | email i discussion albertal for the |
| Lost Returns-\Lost Re | eturns-N | Excess /Return | BBI | | Pad:Bbl - Calc.Disp | Bbl | |
| Cmt Rtrn#Bbl Actual 1 Average Frac. G | radient | Calc. TOC: Treatment: | Gal - BBI | | Calc.Disp Actual Dis Disp:Bbl | RE ICE | 108 |
| Shut in: Instant5 Min | 15 Min | Cement Slurry | BBI 25 | | | | |
| Frac Ring #1 | c Ring # 2 | Total Volume | BBI 366 \$3√√,√√√√√√√√√√ | | aciRing # 4 | IV U D | 20, 24 8, 5 86 |
| THE INFORMATION STATED HE | | M | 1 00 | | | P. O. O. O. | 99 |
| CUSTOMER REPRESENTATIVE | | X/eeg S | SIGNATURE | 7 | <u>'Y@</u> | milde | |

١1

CONFIDENTIAL

AUG 2 1 2002

KCC

ORIGINAL

| | | IINI | <u> </u> | <u> </u> | AU | 6 2 1 2002 | | ONIONAL |
|--|--------------|-------------|--|--|------------------|--|------------------------------|---|
| HALL | .IBU | PT | | JOB LOG | CON | IFIDENTIA | 1941189 | 07/11/02 |
| REGION Central Op | | | NWA/ | COUNTRY CONTINENT/U | | | BDA /STATE MC/KS | STEVENS |
| MBU ID / EMPL # | | | H.E.S | EMPLOYEE NAME | | | PSL DEPARTMENT | |
| MCL 10104 LOCATION | <u> 2127</u> | 723 | COMPA | | 5 | | CEMENT CUSTOMER REP/PHONE | |
| TICKET AMOUNT | | | OX | Y USA | | | GREGG FILLP | OT 620-353-8865 |
| \$9.640.10 | | | | 0 | <u> L</u> | | | |
| WELL LOCATION LIBERAL, | KS | | | TMENT VENT | | | JOB PURPOSE CODE Ceme | ent Surface Casing |
| LEASE NAME WILLIAMS | | Well No | SEC / | WP/RNG 34S - 35W | - | | HES FACILITY (CLOSEST TO V | WELL S |
| HES EMPNAMEMENT (EX | | | | /EMP ((EXPOSURE HOURS) | HRSHES | S EMP NAME/EMP # (EXPOSU | E HOURS) HR: | SO ES EMP NAME/EMP # (EXPOSURE HOURS) HRS |
| Evans, J 21 | 2723 | 1,5 | | | | | | |
| Arnett, J 22 | 6567 | 1.5 | | | | | | |
| Schawo, N | 222552 | 1,5 | | | | | | |
| Davis, R | | 1.5 | | | | | | |
| Same a | | Rate | Dy is | | | Contract of the Contract of th | | scription / Remarks |
| L | Time | | 5: b = 0 | | s.(PSI | 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | Job De | scription / Remarks |
| 'ેNo. 為為 | 1600 | (BPM) | (BBL)(GAL) | N2 S. CSG | र <u>२०३३</u> ति | JOB REAL | | |
| | 1600 | | | + + | + | OOD INLA | | JOB SITE ASSESMENT |
| | 1600 | | | 1 1 | ┪ | | UNNING CASING (8 | |
| | 1610 | | | | 1 | RIG UP TE | <u>_</u> | |
| | 1715 | | 1 | | _ | CASING C | N BOTTOM (1745 F | Τ) |
| | 1720 | | | | | PUT ON P | LUG CONTAINER/ H | OOKUP CIRC IRON |
| | 1730_ | | <u> </u> | | | | H RIG PUMP | |
| | 1800 | | ļ | | ↓ - | SHUT DO | WN / HOOK UP TO P | UMP TRUCK |
| | 1804 | | - | 1200 | ┼ | TECT LINE | | |
| | 1805 | 5 | 5 | 1200 | + | TEST LINE | ACER AHEAD / FRE | SH WATER |
| | 1810 | 6.0 | 222.0 | 0-150 | 1- | | XING LEAD CMT @ | |
| - | 1851 | 6.0 | 36.0 | 150 | | | XING TAIL CMT @1 | |
| | 1857 | | | | | SHUT DO | NN / DROP PLUG | |
| | 1859 | 6.0 | | 0-450 | | START DI | SP | |
| <u> </u> | 1920 | 2.0 | 98.0 | 450 | - | SLOW RA | | |
| | 1926 | 2.0 | 108.0 | 1000 | + | BUMP PLU | JG | |
| | | | | + | + | RELEASE | FLOAT HELD | |
| | | | | | † | 1 | | |
| | | | | | 1 | | | |
| | | | | | | CIRC CMT | TO PIT | |
| | | | | <u> </u> | | | | |
| <u> </u> | | | | | | | | |
| | | | - | | | | | |
| | | | | - - | + | - - | | |
| | | | _ | + | + | | | |
| | | | | | +- | | | |
| - | | | | | 1 | THANKS F | OR CALLING HALL | IBURTON |
| | | | | | | JERRAKO | & CREW | |
| | | | | | | | | |
| | | | | | 1 | | | <u> </u> |
| | | <u> </u> | - | | | | | NOV 0 5 2000 |
| | | | - - | ┼─┼─ | +- | | | |
| |] | | | | | | | rom |

Confidential

Work Order Contract

| HAL | .IBURTON |
|------------|--------------|
| *70012 SAP | CONFIDENTIAL |

Halliburton Energy Services, Inc.

AUG 2 1 2002 Order Number 1941189

Houston, Texas 77056

*70012 SAP TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEFOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

| | | | | | |
|----------|---------------|------------|---------|-------------|--------------------|
| Well No. | Farm or Lease | | County | State | Well Permit Number |
| F-1 | WILLIAMS | | STEVENS | Ks | |
| Customer | | Well Owner | | Job Purpose | |
| OXY USA_ | | OXY USA | | Cement Sur | rface Casing |
| | | | | | |

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton")

- PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materiels. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any uneald balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and count costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary,
- RELEASE AND INDEMNITY Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entitles Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer, Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, filness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity, and pollution and contamination and its cleanup and control,

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply oven if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or opported furnished by any member of members of the Helibuston Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Hæliburton Group" is defined as Haliburton Energy Services, Inc., its parent, subsidiary, and efficiated companies, insurers and subcontractors and ell its/their officers, directors, employees, consultants and agents. <u>Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS</u> obligations apply whether the personat injury, liness, death, property damage or loss is suffered by one or more members of the Halliburton Group, Customer, or any other person or entity. Customer agrees to support such obligations assumed herein with liability insurance with limits of not less than \$500,000. Customer agrees to name Haliburton Group as named additional insureds on all of its general flability policy(e). Customer agrees that its liability under this Contract is not limited by the amounts of its insurence coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

- EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Hallibution Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is ineparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39.15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents. LIMITED WARRANTY - Hallibutton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship
- and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE, Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. 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 EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM TILE USE OF SUCH INFORMATION. EVEN If such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by
- GOVERNING LAW The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.
- DISPUTE RESCLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.
- SEVERABILITY if any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.
- MODIFICATIONS Customer agrees that Italliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

| SIGNED: Aug At Tulky CUSTOMER Kuthorized Signatory | DATE: | 07/11/02 | TIME: | 1600 Refere |
|--|-------|----------|-------|----------------|
| Customer Acceptance of Materiels and Services | | | | - 1011 6 5 |
| | | | - | NUV 03 2003 |

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER 1941189

third parties.

| HALLIBURTO | J(| OB SUMM | AR | | الاستعدادات | | 6314 | HOKEI DATE | 07/20/02 | 2 |
|--|------------------|--|--------------------------------------|---------------|------------------------------|---|----------------------|--|---|--|
| Central Operations | | Mid Contituent | USA | | , | MC/Ks | | STEVEN | S | |
| MCL10110 106328 1 | | HES EMPLOYEE NAME NICK KORBE | | | | PSI DEPARTMENT CEMENT | T P | 001 | <u> </u> | Λ. |
| LOCATION | | COMPANY | | K(| C | CUSTOMER REP | PHONE | | 620 482 | A |
| LIBERAL UNTULIV | 1116 | OXY USA WELL TYPE | | | | APIUM # | <u>AINSWOI</u> | KIPP ' ' | <u> 620-482</u> | <u>-2864_</u> |
| \$8,071.75 | | DEPARTMENT | | <u>Ub 7</u> | 1 2002 | SAP BOMB NUMB | ER . | 0 | d6 0- | 18/m |
| LIBERAL | | CEMENT | | · | N=61-1-1-X-7 | 7523 HES FACILITY (CL | I ' | Cement Pro | duction Ca | ising 👺 |
| LEASE NAME WILLIAMS | | 30 - 34S - 35W | CO | NHIL | ENTIAL | LIBERAL | COSEST TO WELL | | | |
| HES EMP NAME / EMP # / (EXPOSURE HOURS) | HRS | | | HRS | | | HRS |) | | HRS |
| Korbe, N 106328 Ferguson, R 106154 | 10.5 | | | ╂ | | | | - | <u>-</u> | |
| HINZ, CHAD | 10.5 | | | | · · · · · | | | | | |
| NEC INTEGRAL TABLES | MILES | | D /- | T MILES | | | R/T MILE | | | R/T MILES |
| | 10 | | N/ | 1 MILES | | | K// MILE | <u> </u> | | N/ I BRILLES |
| | 10 | | | | | | | | | |
| 10240236//10240245 | 10 | | - | _ | | | - - | | | <u> </u> |
| Form. Name | Type: | | | | | | | | | |
| Form. Thickness From Packer Type | m Set At | To | Date | Calle | d Out /20/2002 | On Location 7/20/2 | on Jo | b Started 7/20/2002 | Job C | ompleted 2:1/2002 |
| Bottom Hole Temp. | Pressu | ire | | | | 1 | | | | |
| Retainer Depth Tools and Acc | Total E | Depth | Time | | 1230 | 1530 Well D |)ataseestas | 2345 | | 100 조사 교통 국 |
| Type and Size C | (ty | Make | | | New/Used | Weight | Size Grade | From | То | Max. Allow |
| 7.700.000. | | WCO WCO | Casing Liner | 1 | USED | 11.6 | 4 1/2 | 0. | 6560' | |
| Centralizers S-4 | 4 HO | WCO | Liner | | <u> </u> | | | <u> </u> | | |
| T. F. T. S. | | | Tubino Drill Pi | | - | <u> </u> | | | | |
| Limit clamp | HO | WCO | Open. | Hole | | <u> </u> | 7 7/8 | | 6822' | Shots/Ft. |
| 110(4) | | | Perfora | | | | | | | \vdash |
| BTM PLUG | 1 HO | WCO | Perfora | ations | - 10 | | L L E | | | SIN := 4 1 3 Sécusio |
| Mud Type Der | isity_ | Lb/Gal | Hours Dat 7/2 | On Lo e | Hours | Operating Date 7/20 | Hours | | tion!of:30t Production | |
| Disp. Fluid De Prop. Type Size | nsity | Lb/Gal | 7/2 | 0 | 8.5 | 7/20 | 1.0 | Centrent | rioduction | i vasiliy |
| Prop. Type Size | | Lb | 7/2 | 1 | 2.0 | | | 1 === | | |
| Acid Type Gal. Acid Type Gal. | | % | | - | | - | | | <u>ചാപിക്കും</u> | <u>ැක</u> |
| Surfactant Gai. NE Agent Gal. | | ln | | | | | | i — | CONTRACTOR OF THE PARTY OF THE | |
| Fluid Loss Gal/Lb | | ln | | | | | | | ្ឋា ប្រភិន | |
| Gelling Agent Gal/Lb Fric. Red Gal/Lb | | _in | _ | | | | | | From | } |
| BreakerGal/Lb | | in | Total | 900 | 10.5 | Total | 1.0 | | milia | V6-11 |
| II Clipao Dalis | Qty. | | | | | Hydraulic | Horsepov | /er | | m 4 - MARTI |
| Other | | | <u>Ordere</u> | ed | | Avail. | Rates in Pi | Use Mai | <u>:d</u> | |
| Other | | | Treatin | g | | Disp. | - | Overall | | |
| Other | | | Feet | 134' | ł | Cement Reason | reπin Rib | | E JOINT | |
| | | | | | | | | | | |
| Stage Sacks Cement Bu | ilk/Sks | | Additive | | Data | | EN IONE | W/Ra | | Lbs/Gal |
| 1 25 50/50 POZ H | | 5% CALSEAL - 5# G | ILSON | TE - 3% | | | | ER) 17.98 | 3.03 | 11.00 |
| 2 250 50/50 POZ H 3 25 50/50 POZ H | | 5% CALSEAL - 5# G 5% CALSEAL - 5# G | | | | | | 6.25 6.25 | 1.44 | 13.80 13.80 |
| 4 | | - | | | | | | | 1 | |
| | | | ្រាស់ | mman | | | | And States and the Con- | | |
| Circulating | Displac | ement | | Pı | reflush: | BB! | | Type: | | bearing of the Section of the Sectio |
| Lost Returns-) | MAXIN Lost Re | eturns-N | | E | oad & Bkdn: xcess /Returr | BBI BBI . | | Pad:Bb Calc.Dis | sp Bbl 🚃 | |
| Cmt Rtrn#8bi | Actual ' | TOC Gradient | | C | alc. TOC; | Gal - BBl | | Actual I | Disp. 🗀 | 100 |
| Shut in: Instant | 5 Min. | 15 Min | - | C | ement Slurry | BBI | 13.5//64 | | ' <u> </u> | |
| Frac Ring #1 | erellera | ic Ring #2 | (~?\\ <u>_</u> ``^^ "}j?s* '. | To Best De | otal Volume | BBI #3 | #VALUE | | 4 A 72 5 5 787 | 75.5mg/chiles/age/6 |
| THE INFORMATION STAT | | | | - NAP * 12 | /) | A SERVICE AND A | Land Commence (1994) | <u>, inconstitut i</u> | r =: 4 ¥686617. | 1017年1日日本大学の |
| CUSTOMER REPRESENT | | | / | 10 | uno (M | murin | 1_ | <u> </u> | | |
| <u> </u> | | | V | | /- | SIGNATURE | | | | |

CONFIDENTIAL

KCC

ORIGINAL

| | <u>UUINI</u> | | | | | | NIG 2 1 | 2002 | | ONIONAL |
|-----------------------------------|--|------------|-----------------|-----------------|---------------|-------------------|--|--|--|---|
| HALL | .IBŪ | | | | | LOG | , | | тіскет# 1956314 | 07/20/02 |
| REGION Central O | peration | \$ | | Mid | | ၂၂ tnent/US | ONFIDE | NHAL | BDA /STATE MC/KS | STEVENS |
| MBU ID / EMPL# | - | | | H.E.S EN | IPLOYEE N | AME | . | - | PSL DEPARTMENT | TO TETENO |
| MCLI0110 LOCATION | | 06328 | | COMPAN | | KRE | | | CEMENT CUSTOMER REP / PHONE | |
| LIBERAL | | | | OXY WELLTY | <u>USA</u> | | | | WAYNE AINSW | ORTH 620-482-2864 |
| \$8,071.75 | | | | Metr | | OI | L | | | |
| LIBERAL | | | | CEM | | | | | JOB PURPOSE CODE | t Production Casing |
| LEASE NAME | | Well | | SEC / TW | | EIN | | - | HES FACILITY (CLOSEST TO W | ELLS |
| WILLIAMS HES BAP NAME OF 1 (E) | | _ | -1 | ESEMPNAME/EN | | | HRSHESEMPN | AME/EMP # (EXPOSU | LIBERAL HRS | HES EMP NAME/EMP # (EMPOSURE HOURS) HRS |
| Korbe, N 10 | | | 11 | | | | | | | |
| Ferguson, | | | 11 | | | | | | —————————————————————————————————————— | |
| HINZ, CHA | | _ | 11 | | | | | | | |
| , | | | 十 | | | | | | | |
| Marin Table | 1. 1. A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | a vegation | ૢ૽ | KARAFA S | 5 F 4 | 行技术领 | * 1.12.130 | 医 | And Charles and Charles | |
| Chart " | Time | Rate | 3 | Volume | Rate | Pres | s:(PSI) | | Job Des | scription / Remarks |
| No. | 認為談 | * (BPM) * | 994) 2014 (1 | BBLKGAL) | N2 | csg. 🕌 | Tbg | 计型影 像 | | |
| | 1230 | | \perp | | | | | CALLED | | |
| | 1530 | | 4 | | | | ļ | ON LOCA | | · · · · · · · · · · · · · · · · · · · |
| | | | \dashv | | | <u> </u> | <u> </u> | | ETY MEETING | |
| | | | + | | | <u> </u> | | SET UP T | RUCKS | |
| | 1800 | | + | | | | | START F | | |
| , | 2200 | | + | | | - | | - | RCULATION | |
| | | | 十 | | - | | | | | |
| | 2347 | 2.0 | 十 | | | 25 | | PLUG RAT | THOLE/MOUSE HOL | E |
| | 2359 | | | | | | 3000 | TEST LIN | ES | |
| | 0002 | 5.0 | _[| 0 | | 275 | | START K | CL WATER | |
| | 0003 | | _ | 10.0 | | | | | BOTTOM PLUG | |
| <u></u> | 0008 | 6.0 | 4 | 0 | | 250 | | 1 | AD CEMENT | |
| | 0011 0023 | 6.0 | ┿ | 13.5//0 64.0 | | 325 | | END CEM | AIL CEMENT | |
| | 0023 | | ╁ | 04.0 | | | | | MP AND LINES | |
| | 0029 | | + | | | ` | | | TOP PLUG | |
| | 0030 | 7.0 | 十 | 0 | - | 100 | | | SPLACEMENT - | |
| | 0040 | 6.0 | J | | | 275 | | CATCH C | | |
| | 0044 | 2.5 | I | 90.0 | | 500 | | SLOW RA | TE | |
| | 0049 | 2.0 | \perp | 100.0 | | 700//120 0 | | BUMP PLU | | |
| · | 0050 | | 4 | | | | | | PRESSURE | |
| | | | + | | | | | FLOAT HE | | |
| | - | | + | | | | | | | |
| | | | ╫ | | | | | <u> </u> | | |
| | | | + | | | /÷ | | | | |
| | | | + | | | | | | | |
| | | | 十 | | | | | | | E-Cana |
| | | | 1 | | | | | | | Roleson |
| | | | Ţ | | | | | | | NOV 0 5 2003 |
| | | | _ | | _ | | | | | From |
| | | | 4 | | | | | JOB COM | ` | |
| | | | + | | | | - | THANK YO | | (Confidential |
| | | | \perp | 1 | | | | NICK AND | CREW | |

third parties.

ORDER NUMBER

allibu

Work Order Contract

Order Number

1956314

Halliburton Energy Services, Inc. Houston, Texas 77056

AUG 2 1 2002

| | | | | | _ |
|--------------|-----|-----|-----------------|-----|-----|
| \cap | | | ı a | ı a | |
| | ' [| 1-1 | ΙN | ΙΛ | - 1 |
| $ \omega$ 1. | | וכו | $\Box 1 \Delta$ | L H | |
| | | | | Ţ | |

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BEEOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

| | | 10 (20 1 0 1 1 1 1 | E. 0111 0013 01 0111110 | ,,,,, | | |
|----------|---------------|--------------------|-------------------------|------------------|--------------------|--|
| Well No. | Farm or Lease | | County | State | Well Permit Number | |
| F-1 | WILLIAMS | | STEVENS | Ks | <u> </u> | |
| Customer | | Well Owner | • | Job Purpose | | |
| OXY USA | | OXY USA | | Cement P | roduction Casing | |

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

- PRICE AND PAYMENT The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materiels. If Customer has an approved open account, invoices are payable on the twentieth day after the date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account. Customer agrees to pay attorney fees of 20% of the unpaid account, or Halliburton's actual attorneys fees, whichever is greater, plus all collection and court costs. Customer agrees that the amount of attorney fees set out herein are reasonable and necessary.
- C. RELEASE AND INDEMNITY Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entitles Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer. Customer also agrees to DEFEND, INDEMNIFY, AND HOLD Halliburton Group HARMLESS from and against any and all liability, claims, costs, expenses, attorney fees and damages whatsoever for personal injury, illness, death, property damage and loss resulting from:

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water, surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE. DEFENSE. INDEM<u>NITY AND HOLD HARMLESS</u> obligations will apply even if the liability and claims are caused by the sole, concurrent, ective or passive negligence, fault, or strict liability of one or more members of the Haliburton Group, the unseaworthiness of any vessel or any defect in the date, products, supplie materials or equipment furnished by any member or members of the Haliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect. "Neliburion Group" is defined as Heliburion Energy Sarvices, Inc., its parent, subsidiary, and effiliated companies, insurers and subcontracture and all its/their officers, directors, employees, consultante and agente. Customer's RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations apply whether the personal injury, litness, death, property damage or loss is suffered by one or more members of the Hallburton Group, Customer, or any other person or entity. Customer agrees to supp such obligations assumed herein with Exhibity insurance with limits of not less than \$500,000. Customer agrees to name Haliburton Group as named additional insureds on all of its general liability policy(s). Customer agrees that its liability under this Contract is not limited by the amounts of its insurance coverage, except where and as may be required by applicable local law for the provisions of this Contract to be enforceable.

- EQUIPMENT LIABILITY Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, Customer shall meet all requirements of Section 39,15(a) of the Nuclear Regulatory Commission regulations and any other applicable laws or regulations concerning retrieval or abandonment and shall permit Halliburton to monitor the recovery or abandonment efforts all at no risk or liability to Halliburton Group. Customer shall be responsible for damage to or loss of Halliburton group equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request, and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton group equipment damaged by corrosion or abrasion due to well effluents. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship
- and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use or any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. 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 EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON GROUP, Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton Group shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to or caused by the active or passive negligence, fault or strict liability of any member or members of Halliburton Group. Halliburton also does not warrant
- GOVERNING LAW The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or F. materials are delivered.

the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by

- DISPUTE RESOLUTION Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules or the American Arbitration Association. The arbitration will take place in Houston, TX.
- SEVERABILITY If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable. Customer and Halliburton agree that any provision of this Contract that is unenforceable or void under applicable law will be modified to achieve the intent of the parties hereunder to the greatest extent allowed by applicable law.
- MODIFICATIONS Customer agrees that Italiiburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 4100 Clinton Drive, Houston, TX, 77020.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH

| CUSTOMER ACK | (NOWLEDGES IS CONSPICUOUS AND AFFOI | RDS FAIR AND ADEQUATE NOTICE AND I REPRESENT | HTUA MAI TAHT | ORIZED |
|----------------|-------------------------------------|--|---------------|--------|
| TO SIGN THE SA | ME AS CUSTOMER'S AGENT. | | | |
| | 1 6 61. | | | |
| SIGNED: | War Climan | DATE: 07/2 | 0/02 TIME: | 1830 |

| Customer | Acceptance of Ma | fariale and | Sanvicas |
|----------|------------------|-------------|----------|

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED

1956314

CUSTOMER Authorized Signatory

CUSTOMER Authorized Signatory