

ORIGINAL

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 155-21,418-0000

Operator: License # 31160
Name: Phillips Exploration Co., LC
Address 2338 Bromfield Circle
Wichita,
City/State/Zip Wichita, Ks 67226
Purchaser: NCRA

County Reno
- NE - SW - NE Sec. 20 Twp. 25 S Rge. 09 X W
3630 Feet from (S) N (circle one) Line of Section
1650 Feet from (E) W (circle one) Line of Section

Operator Contact Person: James B Phillips
Phone (316) 687-9983

Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)
Lease Name Joy Royse Well # 2-20"A"
Field Name Langdon

Contractor: Name: White & Ellis Drilling
License: 5420

Producing Formation Mississippi Chert
Elevation: Ground 1702 KB 1707
Total Depth 4055 PBTD 4024

Wellsite Geologist: James B Phillips
Designate Type of Completion
 New Well Re-Entry Workover

Amount of Surface Pipe Set and Cemented at 224 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet

Oil SMD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

If Workover/Reentry: Old Well Info as follows:

Drilling Fluid Management Plan Alt. 1, 3-398 UC.
(Data must be collected from the Reserve Pit)

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SMD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SMD or Inj?) Docket No. _____

Chloride content 10000 ppm Fluid volume 2000 bbls
Dewatering method used evaporation & hauling
Location of fluid disposal if hauled offsite: _____

7/23/97 8/3/97 8/23/97
Spud Date Date Reached TD Completion Date

Operator Name C & C Tank Service, Inc
Lease Name Roach SMD License No. 30703
SW Quarter Sec. 14 Twp. 23 S Rng. 09 X W
County Reno Docket No. D 22203

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

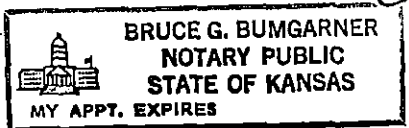
All requirements of the statutes, rules and regulations promulgated to regulate the petroleum and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature James B Phillips
Title President Date 9/23/97

Subscribed and sworn to before me this 23rd day of September, 1997.

Notary Public Bruce G. Bumgarner
Date Commission Expires August 9, 1999

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other (Specify)



SIDE TWO

Operator Name Phillips Exploration CO, LC Lease Name Joy Royse Well # 2-20"A"

Sec. 20 Twp. 25S Rge. 09 East West

County Reno

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

| | | | | |
|---|---|---|-----------------------------------|---------------------------------|
| Drill Stem Tests Taken (Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Heebner Shale | 3193 | -1491 |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Br Lime | 3373 | -1671 |
| List All E.Logs Run: | | Lansing | 3410 | -1703 |
| <i>Comp. Neutron Density, Dual</i> | | B/KC | 3754 | -2047 |
| <i>Induction Log, Corr. Cement Bond</i> | | Cherokee Shale | 3858 | -2151 |
| | | Miss Chert | 3892 | -2175 |
| | | Miss Lime | 3954 | -2247 |
| | | Kind Shale | 3962 | -2255 |
| | | RTD | 4055 | -2348 |

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|--|
| Surface | 12 1/2 | 8.5/3 | 20 | 224 | 60/40 Poz | 200 | 3%cc 2%gel |
| Production | 7 7/8 | 5 1/2 | 15.5 | 4047 | Howco EA2 | 150 | 10%salt, 1%gel, 5%CalSeal, .60f 1% Halad322, 5#/sk Gilsonite |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|------------------|----------------|-------------|----------------------------|
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|--|--|-----------|
| 4 | 3392 to 3902 | 2000 gal 15% HCL & 3% HF | 3892-3902 |
| | | 408 bbls X-link gel, 5250# 10-20 sd | |

| | | | | |
|---|--------------------|--------------------|---|---|
| TUBING RECORD | Size <u>2 7/8</u> | Set At <u>3883</u> | Packer At <u>none</u> | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD, or Inj. | <u>9/2/97</u> | Producing Method | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | |
| Estimated Production Per 24 Hours | Oil <u>5</u> Bbls. | Gas <u>40</u> Mcf | Water <u>80</u> Bbls. | Gas-Oil Ratio <u>3000</u> Gravity <u>34</u> |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3392-3902

Production Interval: Other (Specify) _____

ALLIED CEMENTING CO., INC. 6270

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:
med. lodgers

| | | | | | | | |
|------------------------|---------------------|-----------------|---|---------------------------|-----------------------------|--------------------------|---------------------------|
| DATE <u>7-28-97</u> | SEC. <u>20</u> | TWP. <u>25S</u> | RANGE <u>9W</u> | CALLED OUT <u>8:30 AM</u> | ON LOCATION <u>11:30 AM</u> | JOB START <u>2:35 PM</u> | JOB FINISH <u>3:30 PM</u> |
| Job LEASE <u>Rouse</u> | WELL # <u>2-20A</u> | | LOCATION <u>Fairfield School - 1/2 - St</u> | COUNTY <u>Reno</u> | STATE <u>KS</u> | | |

OLD OR NEW (Circle one)

CONTRACTOR White + Ellis
TYPE OF JOB Surface Csg
HOLE SIZE 12 1/4 T.D. 225'
CASING SIZE 8 5/8 x 20 DEPTH 224'
TUBING SIZE _____ DEPTH _____
DRILL PIPE 4 1/2 x hole DEPTH 225'
TOOL _____ DEPTH _____
PRES. MAX 17.5 MINIMUM 100
MEAS. LINE _____ SHOE JOINT _____
CEMENT LEFT IN CSG. 65 ft.
PERFS. _____

OWNER Phillips Exploration
CEMENT

AMOUNT ORDERED 2000 lbs. 60/40/2% Gcl
4% CaCl₂

EQUIPMENT

PUMP TRUCK CEMENTER Andy Dreiling
#255-265 HELPER Shane Winsor
BULK TRUCK
#242 DRIVER John Kelley
BULK TRUCK
DRIVER

| | | | | |
|----------|-------------------|---|--------------|---------------|
| COMMON A | <u>100</u> | @ | <u>6.35</u> | <u>762.00</u> |
| POZMIX | <u>80</u> | @ | <u>3.25</u> | <u>260.00</u> |
| GEL | <u>3</u> | @ | <u>9.50</u> | <u>28.50</u> |
| CHLORIDE | <u>8</u> | @ | <u>28.00</u> | <u>224.00</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>200</u> | @ | <u>1.05</u> | <u>210.00</u> |
| MILEAGE | <u>200 x 1.25</u> | | <u>.04</u> | <u>200.00</u> |

TOTAL \$ 1684.50

REMARKS:

Pipe on Bottom - Break Circ.
Start H₂O PAD - Start Cement
2000 lbs. 60/40/2% Gcl + 4% CaCl₂
Cement In. Stop Pump. Release
Plug Pump + Displace Plug w/ 1 1/2
Bbls Fresh H₂O Shift In.
Cement Circ to Surface.

SERVICE

| | | | | |
|-------------------|---------------|---|--------------|---------------|
| DEPTH OF JOB | <u>224'</u> | | | |
| PUMP TRUCK CHARGE | <u>0-300'</u> | | | <u>470.00</u> |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>25</u> | @ | <u>9.85</u> | <u>246.25</u> |
| PLUG WOODEN | <u>858</u> | @ | <u>45.00</u> | <u>45.00</u> |
| | | @ | | |
| | | @ | | |

TOTAL \$ 586.25

CHARGE TO: Phillips Exploration
STREET 2338 FAIRFIELD ROAD
CITY WICHITA STATE KANSAS ZIP 67226

FLOAT EQUIPMENT

| | | | | |
|--|---|--|--|--|
| | @ | | | |
| | @ | | | |
| | @ | | | |
| | @ | | | |
| | @ | | | |

TOTAL _____

TAX _____

TOTAL CHARGE \$ 2270.75

DISCOUNT \$ 246.61 IF PAID IN 30 DAYS

Net \$ 1930.14

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]



HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO: **PHILLIPS EXPLORATION Co.**
 ADDRESS: **2238 Broomfield Circle**
 CITY, STATE, ZIP CODE: **Wichita KS 67226**

CUSTOMER COPY

TICKET

No.

307831 - 7

PAGE 1 OF 1

| | | | | | | | |
|--|---|----------------------------------|-------------------------------|--|----------------------------------|-----------------------|----------------------|
| 1. SERVICE LOCATIONS Wichita KS 75555 | WELL/PROJECT NO. 7-20A | LEASE JOY ROYCE | COUNTY/PARISH KLING | STATE KS | CITY/OFFSHORE LOCATION | DATE 8-3-97 | OWNER Same |
| 2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES | NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | CONTRACTOR WHITE ELLIS | RIG NAME/NO. "8" | SHIPPED VIA CT | DELIVERED TO WELL SITE | ORDER NO. | |
| 3. WELL TYPE 01 | WELL CATEGORY 01 | JOB PURPOSE 035 | WELL PERMIT NO. | WELL LOCATION 15155219130000 | | | |
| 4. REFERRAL LOCATION | INVOICE INSTRUCTIONS | | | | | | |

| JOB PURPOSE | PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | | U/M | | UNIT PRICE | AMOUNT |
|-------------|-----------------|-------------------------------------|------------|------|----|------------------------------|------|------|-----|----|------------|--------|
| | | | LOC | ACCT | DF | | | | | | | |
| | 000-117 | | 1 | | | MILEAGE Round Trip Trk 52009 | 60 | hr | 1 | | 3.20 | 192 - |
| | 000-119 | | 1 | | | CRUISE MILEAGE | 60 | hr | 1 | 95 | 117 - | 7020 - |
| | 001-016 | | 1 | | | Ramp Chucker 4053.72 | 1 | unit | 6 | hr | 1926 - | 1926 - |
| | 12A | 825-205 | 1 | | | GUIDE SHOT | 1 | hr | 5 | hr | 121 - | 121 - |
| | 29A | 815-19251 | 1 | | | INJECT FLOAT Valve | 1 | hr | 5 | hr | 121 - | 121 - |
| | 27 | 815-19313 | 1 | | | FILL UP ASSY | 1 | hr | 5 | hr | 76 - | 76 - |
| | 40 | 806-60022 | 1 | | | CENTRALIZERS | 4 | hr | 5 | hr | 67 - | 268 - |
| | 030-016 | | 1 | | | SW TRK Plug | 1 | hr | 5 | hr | 66 - | 66 - |
| | 018-315 | | 1 | | | MUD FLUSH | 500 | gal | | | 75 | 375 - |
| | 018-303 | | 1 | | | CLAY FTx IT | 2 | gal | | | 30.50 | 61 - |

ORIGINAL

| | | | | |
|--|-----------|--|-----------------|--|
| LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. X <i>[Signature]</i> DATE SIGNED: 8-3-97 TIME SIGNED: 16:00 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M. <input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered | TYPE LOCK | SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN | | PAGE TOTAL 3706 - |
| | BEAN SIZE | TYPE OF EQUALIZING SUB. | CASING PRESSURE | FROM CONTINUATION 7-PAGE(S) |
| | DEPTH | TUBING SIZE | TUBING PRESSURE | WELL DEPTH |
| | SPACERS | TREE CONNECTION | TYPE VALVE | SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 7201.86 |

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

| | | | |
|---|--|--|----------------------|
| CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <i>J.R. Hall</i> | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i> | HALLIBURTON OPERATOR/ENGINEER EMP # | HALLIBURTON APPROVAL |
|---|--|--|----------------------|

TERMS AND CONDITIONS

(1296)

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, Inc. (hereinafter "Halliburton") agree as follows:

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.

B. **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 materials. 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, plus all collection and court costs.

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 ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. 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 ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN 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 EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless such loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts, all without risk or expense to Halliburton. Customer shall be responsible for damage to or loss of Halliburton 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 equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from 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 of 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. 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 GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. 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 third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, 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, 5151 San Felipe, Houston, Texas 77056.

CUSTOMER COPY



REMIT TO:
P O BOX 951046
DALLAS, TX 75395-1046

Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

| INVOICE NO. | DATE |
|-------------|------------|
| 302831 | 08/03/1997 |

| | | | | | |
|------------------------|------------------|-----------------------|----------------------|---------------|-------------|
| WELL LEASE NO./PROJECT | | WELL/PROJECT LOCATION | | STATE | OWNER |
| JOY ROYCE 2-20A | | RENO | | KS | SAME |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | | | TICKET DATE |
| PRATT | WHITE & ELLIS #6 | SHOWN BELOW | | | 08/03/1997 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO. |
| 685220 | J B PHILLIPS | | | COMPANY TRUCK | 28142 |

PHILLIPS EXPLORATION COMPANY
2436 BROMFIELD CIRCLE
WICHITA, KS 67226

DIRECT CORRESPONDENCE TO:
1102 E. 8TH
HAYS KS 67601
913-625-3431

| REFERENCE NO. | DESCRIPTION | QUANTITY | UM | UNIT PRICE | AMOUNT |
|---|---------------------------|----------|----|------------|------------|
| | INVOICE SUBTOTAL | | | | 7,201.75 |
| | DISCOUNT-(BIU) | | | | 2,160.52- |
| | INVOICE BID AMOUNT | | | | 5,041.24 |
| | -- KANSAS STATE SALES TAX | | | | 154.75 |
| | -- PRATT COUNTY SALES TAX | | | | 31.59 |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> | | | | | \$5,227.58 |

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TERMS: 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 materials. If customer has an approved open account, invoices are payable on the twentieth day after 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, plus all collection and court costs.

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REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046 Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

| INVOICE NO. | DATE |
|-------------|------------|
| 307831 | 08/03/1997 |

| | | | | | |
|------------------------|------------------|-----------------------|----------------------|---------------|-------------|
| WELL LEASE NO./PROJECT | | WELL/PROJECT LOCATION | | STATE | OWNER |
| JOY ROYCE 2-20A | | RENO | | KS | SAME |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | | | TICKET DATE |
| PRATT | WHITE & ELLIS #8 | SHOWN BELOW | | | 08/03/1997 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO. |
| 685220 | J P PHILLIPS | | | COMPANY TRUCK | 26142 |

ORIGINAL

DIRECT CORRESPONDENCE TO:

PHILLIPS EXPLORATION COMPANY
2338 BRONFIELD CIRCLE
WICHITA, KS 67226

102 E. 8TH
HAYS KS 67601
913-525-3431

| REFERENCE NO. | DESCRIPTION | QUANTITY | UM | UNIT PRICE | AMOUNT |
|--|---------------------------------|----------|--------|------------|----------|
| PRICING AREA - MID CONTINENT | | | | | |
| JOB PURPOSE - CEMENT PRODUCTION CASING | | | | | |
| 000-117 | MILEAGE CEMENTING ROUND TRIP | 60 | MI | 32.00 | 1920.00 |
| | | 1 | UNT | | |
| 000-119 | MILEAGE FOR CREW | 60 | MT | 0.95 | N/C |
| | | 1 | UNT | | |
| 001-016 | CEMENTING CASING | 14057 | FT | 0.926 | 13026.00 |
| | | 1 | UNT | | |
| 128 | GUIDE SHOE - 5 1/2" 8RD THD | 1 | EA | 121.00 | 121.00 |
| 825.205 | | | | | |
| 24A | INSERT FLOAT VALVE - 5 1/2" 8RD | 1 | EA | 121.00 | 121.00 |
| 815.19251 | | | | | |
| 27 | FILL-UP UNIT 5 1/2"-6 5/8" | 1 | EA | 76.00 | 76.00 |
| 815.19313 | | | | | |
| 40 | CENTRALIZER-5-1/2 X 7-7/8 | 4 | EA | 67.00 | 268.00 |
| 806.60022 | | | | | |
| 030-016 | CEMENTING PLUG SW ALUM TOP | 66 | IN | 66.00 | 4356.00 |
| | | 1 | EA | | |
| 016-315 | MUD FLUSH | 500 | GAL | 0.75 | 375.00 |
| 016-303 | CLAYFIX II, PER GAL | 2 | GAL | 30.50 | 61.00 |
| 504-308 | CEMENT - STANDARD | 175 | SK | 10.83 | 1,895.25 |
| 507-277 | HALLIBURTON-GEL BENTONITE | 2 | SK | 21.40 | 42.80 |
| 507-275 | HALAD-322 | 85 | LB | 7.70 | 654.50 |
| 509-968 | SALT | 800 | LB | 0.17 | 136.00 |
| 508-291 | GILSONITE BULK | 750 | LB | 0.50 | 375.00 |
| 508-127 | CAL SEAL 60 | 8 | SK | 28.00 | 224.00 |
| 500-207 | BULK SERVICE CHARGE | 216 | CFT | 1.55 | 334.80 |
| 500-306 | MILEAGE CNTG MAT DEL OR RETURN | 282 | 55 TMT | 1.18 | 333.41 |
| JOB PURPOSE SUBTOTAL | | | | | 7,201.76 |

***** CONTINUED ON NEXT PAGE *****

TERMS: 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 materials. If customer has an approved open account, invoices are payable on the twentieth day after 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, plus all collection and court costs.