

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

API NO. 15- 039-20,885-06-00

ORIGINAL

Operator: License # 8981  
Name: Adeco, Inc./Lester Chambers  
Address 310 E. Ash  
City/State/Zip Oberlin, KS 67749  
Purchaser: Koch  
Operator Contact Person: Lester Chambers  
Phone ( 913 )-475-3468  
Contractor: Name: Emphasis Oil Operations  
License: 8241  
Wellsite Geologist: Casey Galloway

County Decatur  
SW- SW- NE- Sec. 16 Twp. 2S Rge. 27  E  W  
2970 Feet from S/M (circle one) Line of Section  
2310 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Chamber 'D' Well # 4

Field Name Pelky

Producing Formation Polono

Elevation: Ground 2638' KB 2643'

Total Depth 4075 PBTD

Amount of Surface Pipe Set and Cemented at 237 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 0

feet depth to 3760 w/ 520 sx cat.

Drilling Fluid Management Plan DLR 2-1899  
(Data must be collected from the Reserve Pit)

Chloride content 2200 ppm Fluid volume 70 bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name Adeco & chambers

Lease Name Chambers D License No. 8981

Ne Quarter Sec. 16 Twp. 2 S Rng. 27 E/W

County Decatur Docket No. \_\_\_\_\_

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

12/12/92 12/20/92

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Lester Chambers

Title Owner trustee Date 2/18/93

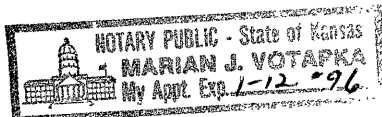
Subscribed and sworn to before me this 18th day of July

19 93

Notary Public Marian J. Votapka

Date Commission Expires 1-12-96

| K.C.C. OFFICE USE ONLY              |                                     |                                    |
|-------------------------------------|-------------------------------------|------------------------------------|
| F                                   | <input type="checkbox"/>            | Letter of Confidentiality Attached |
| C                                   | <input checked="" type="checkbox"/> | Wireline Log Received              |
| C                                   | <input checked="" type="checkbox"/> | Geologist Report Received          |
| Distribution                        |                                     |                                    |
| <input checked="" type="checkbox"/> | KCC                                 | <input type="checkbox"/> SWD/Rep   |
| <input type="checkbox"/>            | KGS                                 | <input type="checkbox"/> Plug      |
|                                     |                                     | <input type="checkbox"/> NGPA      |
|                                     |                                     | <input type="checkbox"/> Other     |
|                                     |                                     | (Specify)                          |



KANSAS CORPORATION COMMISSION RECEIVED 28 1993 CONSERVATION DIVISION WICHITA, KS

1-28-93

Operator Name Adeco, Inc./Lester Chambers

Lease Name Chamber 'D'

Well # 4

Sec. 16 Twp. 2S Rge. 27

East  
 West

County Decatur

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  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run:  
#1 72 ft drilling mud 3422-3500  
#2 135 ft muddy water oil specks 3502-3560  
190 ft salt water 97 % water 3% mud

Log Formation (Top), Depth and Datum  Sample

| Name             | Top      | Datum |
|------------------|----------|-------|
| read-3450        | E Zone   | 3655  |
| Hebner 3475      | F Zone   | 3680  |
| Leavenworth 3480 | Arbuckle | 3910  |
| Toronto-3506     | Granite  | 3985  |
| A Zone 3516      | TD       | 4075  |
| Polonow-3538     |          |       |
| B Zone 3555      |          |       |
| c Zone-3590      |          |       |
| D Zone-3620      |          |       |

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           | 13 7/8            | 8 5/8                     | 20              | 232           | standard       | 90           | promix gel  |
| Production        | 7 7/8             | 5 1/2                     | 15.5            | 3768          | light          | 520          | halad-322<br>d-air 1<br>Granulated salt<br>gilsonite 270<br>gel not mixed |

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<br>Specify footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4              | 3589-95-Bridge Plug 5" 3630   |   |       |
| 4              | 3540-44-BRIDGE-PLUG 5 1/2" 3570   |   |       |
| 4              | 3519-25-5 1/2" BRIDGE PLUG 3534   |   |       |
| 4              | 3680-84-NO-COMMERCIAL PRODUCTION-TEMPORARY SHUT-IN  |   |       |

| TUBING RECORD                                  | Size  | Set At | Packer At | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No |       |               |
|--|---|--------|-----------|-----------|--|-------|---------------|
| Date of First, Resumed Production, SWD or Inj. | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |        |           |           |  |       |               |
| Estimated Production Per 24 Hours              | Oil   | Bbls.  | Gas       | Mcf       | Water  | Bbls. | Gas-Oil Ratio |

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

RECEIVED  
STATE CORPORATION COMMISSION  
FEB 19 1993  
CONSERVATION DIVISION  
Wichita, Kansas



**BULK MATERIALS DELIVERY  
AND  
TICKET CONTINUATION ORIGINAL**

FOR INVOICE AND  
TICKET NO. **222714**

|   |                    |  |                                |                                    |
|---|--------------------|--|--------------------------------|------------------------------------|
| DATE<br><b>12-19-92</b>                   | CUSTOMER ORDER NO. | WELL NO. AND FARM<br><b>4-D Chambers</b> | COUNTY<br><b>Decatur</b>       | STATE<br><b>KS.</b>                |
| PURCHASE TO<br><b>Adeco Inc.</b>          |                    | OWNER<br><b>Adeco Inc.</b>               | CONTRACTOR<br><b>Emphasis</b>  | No. <b>B136243</b>                 |
| MAILING ADDRESS<br><b>310 E. Ash</b>      |                    | DELIVERED FROM<br><b>Oberlin, KS</b>     | LOCATION CODE<br><b>25529</b>  | PREPARED BY<br><b>Jones, Scott</b> |
| CITY & STATE<br><b>Oberlin, KS. 67749</b> |                    | DELIVERED TO<br><b>E/ Oberlin, KS</b>    | TRUCK NO.<br><b>3846,50181</b> | RECEIVED BY<br><i>J. Keran</i>     |

| PRICE REFERENCE     | SECONDARY REF. OR PART NO. | CODE |   | DESCRIPTION                | UNITS 1                              |              | UNITS 2      |              | UNIT PRICE   | AMOUNT |           |    |
|---------------------|----------------------------|------|---|----------------------------|--------------------------------------|--------------|--------------|--------------|--------------|--------|-----------|----|
|                     |                            | L    | D |                            | QTY.                                 | MEAS.        | QTY.         | MEAS.        |              |        |           |    |
| 504-308             |                            |      |   | Std. Cement                | 110                                  | sk           |              |              | 7.87         | 865    | 70        |    |
| 507-775             |                            |      |   | Halad-322                  | 41                                   | lb           |              |              | 6.45         | 264    | 45        |    |
| 507-970             |                            |      |   | D Air-1                    | 26                                   | lb           |              |              | 3.10         | 80     | 60        |    |
| 509-968             |                            |      |   | Salt Granulated            | 500                                  | lb           |              |              | .10          | 50     | 00        |    |
| 509-554             |                            |      |   | Halliburton Gel not mixed  | 2                                    | sk           |              |              | 15.5         | 31     | 00        |    |
| 504-316             |                            |      |   | Halliburton Light Cement   | 410                                  | sk           |              |              | 7.19         | 2947   | 90        |    |
| 507-210             |                            |      |   | Flocele mixed w/ 410 sks   | 92                                   | lb           |              |              | 1.40         | 128    | 80        |    |
| 508-291             |                            |      |   | Gilsonite mixed W/ 270 sks | 1890                                 | lb           |              |              | .40          | 756    | 00        |    |
|                     |                            |      |   |                            | Returned Mileage Charge              |              | TOTAL WEIGHT |              | LOADED MILES |        | TON MILES |    |
|                     |                            |      |   |                            | SERVICE CHARGE ON MATERIALS RETURNED |              | CU. FEET     |              |              |        |           |    |
| 500-207             |                            |      |   | SERVICE CHARGE             |                                      |              | CU. FEET     | 565          | 1.25         | 706    | 25        |    |
| 500-306             |                            |      |   | Mileage Charge             | 51,443                               | TOTAL WEIGHT | 20           | LOADED MILES | 514.43       | .85    | 437       | 27 |
| No. <b>B 136243</b> |                            |      |   |                            | CARRY FORWARD TO INVOICE             |              |              |              | SUB-TOTAL    |        | 6267      | 97 |

THIS IS NOT AN INVOICE

**RECEIVED**  
KANGAS CORPORATION  
JAN 20 1993  
OPERATIONS DIVISION  
WICHITA, KS

CUSTOMER

**HALLIBURTON SERVICES**  
**JOB LOG**

WELL NO. 4D LEASE Chambors TICKET NO. 222714  
 CUSTOMER Adaco Inc. PAGE NO. 1  
 JOB TYPE Long string DATE 12-30-92

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS                        |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
|           |      |            |                    | T     | C | TUBING         | CASING |   |
|           | 1500 |            |                    |       |   |                |        | called out ORIGINAL   |
|           | 1730 |            |                    |       |   |                |        | on loc.   |
|           | 1900 |            |                    |       |   |                |        | Rig Laying Down Drill pipe                                    |
|           | 1915 |            |                    |       |   |                |        | Drill pipe Layed Down - Rat Hole Layed Down                   |
|           | 2015 |            |                    |       |   |                |        | CSG on loc.   |
|           |      |            |                    |       |   |                |        | START 5/2 CS w/ Ray guide shoe                                |
|           |      |            |                    |       |   |                |        | Insert Float Valve Top shoe                                   |
|           |      |            |                    |       |   |                |        | Centralize on 1, 3, 7, 9, 11, 13, 15, 16                      |
|           | 2240 |            |                    |       |   |                |        | ENTRIST on 1, 16 & 62   |
|           | 2245 |            |                    |       |   |                |        | FIN CS  |
|           | 235  |            |                    |       |   |                |        | Hook up Plug Coust.   |
|           | 2318 |            |                    |       | 1 |                |        | START 500 gal mud flush                                       |
|           | 2321 | 12         |                    |       | 1 |                |        | FIN mud flush   |
|           | 2323 | 6          |                    |       | 1 |                |        | FIN 2 SKS gal   |
|           | 2325 |            |                    |       | 1 |                |        | START mix 270 SKS HLC w/ 7 1/2 lbs cement                     |
|           | 2328 | 5          |                    |       | 1 |                |        | 8 1/2 lbs flocc   |
|           | 2350 | 96         |                    |       | 1 |                |        | PUR 13 SKS in Rat hole  |
|           | 2350 |            |                    |       | 1 |                |        | FIN Gilbertite  |
|           | 0008 | 46         |                    |       | 1 |                |        | START mix 140 SKS HLC w/ 4 1/2 lbs flocc                      |
|           | 0008 |            |                    |       | 1 |                |        | FIN HLC   |
|           | 0013 | 24         |                    |       | 1 |                |        | START mix 110 SKS 62-2 w/ 10% salt, 4% Halc, 322 g, 25% 0 Air |
|           | 0016 | 35         |                    |       | 1 |                |        | FIN cement  |
|           | 0027 | 91         |                    |       | 1 |                |        | Washup Pump Lines Release SWT                                 |
|           | 0027 |            |                    |       | 1 |                |        | START Disp  |
|           | 0030 |            |                    |       | 1 |                |        | 300 ST. LIETCANT  |
|           |      |            |                    |       | 1 |                |        | 1000 Gals PSI - Good Returns                                  |
|           |      |            |                    |       | 1 |                |        | FIN Disp - Circ 56 BBL gmt                                    |
|           |      |            |                    |       | 1 |                |        | Release - Insert float  |
|           |      |            |                    |       | 1 |                |        | Job Complete - Thank you                                      |

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
JAN 28 1993  
CONSERVATION DIVISION  
WICHITA, KS

*Handwritten notes:*  
 Jerry D. [unclear]  
 Operation Sup.  
 Oberlin, KS  
 11/10

*Handwritten notes:*  
 Donald D. [unclear] Chambors  
 Jack W. [unclear]  
 OK By Herb Dienes KCC per phone

CUSTOMER



FORM 1906 R-11

|   |                            |                                     |  |   |   |
|---|----------------------------|-------------------------------------|--|---|---|
| WELL NO. - FARM OR LEASE NAME<br><b>40 Chambers</b> |                            | COUNTY<br><b>DECATUR</b>            | STATE<br><b>Ks.</b>                    | CITY / OFFSHORE LOCATION  | DATE<br><b>12-20-92</b>   |
| OWNER<br><b>Amoco, Inc.</b>                         |                            | CONTRACTOR<br><b>Emphasis Inc</b>   |  | TICKET TYPE (CHECK ONE)<br>SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/> | NITROGEN JOB<br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| ADDRESS<br><b>310 Wash</b>                          |                            | SHIPPED VIA <b>30181</b>            |  | LOCATION<br><b>1 obanlin, Ks</b>  | CODE<br><b>25529</b>  |
| CITY, STATE, ZIP<br><b>obanlin, Ks. 67749</b>       |                            | FREIGHT CHARGES<br><b>3243-3846</b> |  | LOCATION<br><b>2</b>  | CODE  |
| WELL TYPE<br><b>01</b>                              | WELL CATEGORY<br><b>02</b> | WELL PERMIT NO.<br><b>B-136243</b>  | DELIVERED TO<br><b>NOT obanlin, Ks</b> | LOCATION<br><b>3</b>  | CODE  |
| TYPE AND PURPOSE OF JOB<br><b>035</b>               |                            | ORDER NO.                           |  | REFERRAL LOCATION   |   |

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton'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 annum. 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 shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy 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, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

| PRICE REFERENCE | SECONDARY REF OR PART NO. | L O C. | ACCOUNT | DESCRIPTION       | UNITS 1 |       | UNITS 2 |      | UNIT PRICE | AMOUNT  |
|-----------------|---------------------------|--------|---------|-------------------|---------|-------|---------|------|------------|---------|
|                 |                           |        |         |                   | QTY     | MEAS  | QTY     | MEAS |            |         |
| 000-117         |                           | 1      |         | MILEAGE 3243      | 80      | MILES |         |      | 275        | 55.00   |
| 001-016         |                           | 1      |         | Pump change       | 375     | FT    | 8 hrs.  |      |            | 1345.00 |
| 030-016         |                           | 1      |         | SW Top Man        | 1 EA    |       | 5/8 in  |      |            | 60.00   |
| 018-315         |                           | 1      |         | Mud Flush         | 500     | GAL   |         |      | .65        | 325.00  |
| 12A             | 825.205                   | 1      |         | Reg Guide shoe    | 1 EA    |       | 5/8 in  |      |            | 121.00  |
| 815.19251       | 815.19251                 | 1      |         | INSERT FLAT VALVE | 1 EA    |       | 5/8 in  |      |            | 83.00   |
| 815.19311       | 815.19311                 | 1      |         | AUTO Fill up      | 1 EA    |       | 1 in    |      |            | 30.00   |
| 40              | 807.93022                 | 1      |         | 9-4 CENTRALIZERS  | 8 EA    |       | 5/8 in  | 44   |            | 352.00  |
| 320             | 800.8883                  | 1      |         | CEMENT BOLT       | 3 EA    |       | 5/8 in  | 90   |            | 270.00  |

THIS IS AN INVOICE

NOT ORIGINAL

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 28 1993  
CONSERVATION DIVISION  
WICHITA, KS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-136243** **6267.97**

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

CUSTOMER OR HIS AGENT (PLEASE PRINT)  
**Dick Flane**

CUSTOMER OR HIS AGENT (SIGNATURE)

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.

*John K...*  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL \_\_\_\_\_  
CUSTOMER

SUB TOTAL **8908.97**

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

**WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA**

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 272714

DISTRICT Oberlin, KS

DATE 12-20-92

TO **HALLIBURTON SERVICES** YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Adoco, Inc. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 4D LEASE Chambers SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RANGE \_\_\_\_\_  
FIELD \_\_\_\_\_ COUNTY DeWatur STATE Ks OWNED BY Adoco

**THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT**

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_  
TOTAL DEPTH 4075 MUD WEIGHT \_\_\_\_\_  
BORE HOLE 7 7/8  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF \_\_\_\_\_  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF \_\_\_\_\_

|              | NEW USED | WEIGHT | SIZE  | FROM | TO   | MAX. ALLOW. P.S.I. |
|--------------|----------|--------|-------|------|------|--------------------|
| CASING       | U        | 15.5   | 5 1/2 | LB   | 3758 |                    |
| LINER        | N        | 20     | 8 5/8 | LB   | 237  |                    |
| TUBING       |          |        |       |      |      |                    |
| OPEN HOLE    |          |        | 7 7/8 | 3758 | 4075 | SHOTS/FT.          |
| PERFORATIONS |          |        |       |      |      |                    |
| PERFORATIONS |          |        |       |      |      |                    |
| PERFORATIONS |          |        |       |      |      |                    |

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_  
CONT 5/8" CS w/270 SK HLC w/749 lb/ft = 4 1/2" Flare = 110 SK HLC w/46 lb/ft = 8 1/2" SK w/109 lb/ft, 4 9/16" w/327 lb/ft - Ann - 500 gal mud/ft, Reg guide shoe 8 comb. 1/2" 3" cont Baskets & insert float valve as directed

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are 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 annum. In the event it becomes necessary to employ attorneys 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.
  - b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
    1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
    2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
    3. 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 negligence, 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.
- c) 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 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 against any damages arising from the use of such information.
  - d) 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 remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - e) 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.
  - f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
  - g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
  - h) 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.

**ORIGINAL**

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

SIGNED [Signature] CUSTOMER

DATE 12-20-92

TIME 1:30 A.M. P.M.

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.

**CUSTOMER**

# JOB SUMMARY

HALLIBURTON DIVISION OKC  
 HALLIBURTON LOCATION OKC

BILLED ON TICKET NO. 200214

## WELL DATA

FIELD \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY DEWITT STATE KS

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 4075

|              | NEW USED | WEIGHT  | SIZE   | FROM | TO   | MAXIMUM PSI ALLOWABLE |
|--------------|----------|---------|--------|------|------|-----------------------|
| CASING       | U        | 15.5 lb | 4 1/2" | KB   | 3258 |                       |
| LINER        | U        | 30 lb   | 4 1/2" | KB   | 337  |                       |
| TUBING       |          |         |        |      |      |                       |
| OPEN HOLE    |          |         | 7 7/8" | 3258 | 4075 | SHOTS/FT.             |
| PERFORATIONS |          |         |        |      |      |                       |
| PERFORATIONS |          |         |        |      |      |                       |
| PERFORATIONS |          |         |        |      |      |                       |

## JOB DATA

### TOOLS AND ACCESSORIES

| TYPE AND SIZE              | QTY.       | MAKE            |
|----------------------------|------------|-----------------|
| FLOAT COLLAR <u>9 1/2"</u> | <u>102</u> | <u>Hercules</u> |
| FLOAT SHOE                 |            |                 |
| GUIDE SHOE <u>3 1/2"</u>   | <u>102</u> | <u>KCA</u>      |
| CENTRALIZERS <u>3 1/2"</u> | <u>2</u>   | <u>KCA</u>      |
| BOTTOM PLUG                |            |                 |
| TOP PLUG <u>3 1/2"</u>     | <u>102</u> | <u>KCA</u>      |
| HEAD <u>3 1/2"</u>         | <u>102</u> | <u>KCA</u>      |
| PACKER                     |            |                 |
| OTHER <u>302</u>           | <u>302</u> | <u>KCA</u>      |

| CALLED OUT                               | ON LOCATION                              | JOB STARTED                              | JOB COMPLETED                            |
|--|--|--|--|
| DATE <u>12-30-92</u><br>TIME <u>1507</u> | DATE <u>12-30-92</u><br>TIME <u>1932</u> | DATE <u>12-30-92</u><br>TIME <u>2015</u> | DATE <u>12-31-92</u><br>TIME <u>0030</u> |

## PERSONNEL AND SERVICE UNITS

| NAME             | UNIT NO. & TYPE | LOCATION     |
|------------------|-----------------|--------------|
| <u>J. Korman</u> | <u>62023</u>    | <u>40000</u> |
| <u>J. Mason</u>  | <u>B4685</u>    | <u>3293</u>  |
| <u>Mr. Jones</u> | <u>52046</u>    | <u>3846</u>  |
| <u>J. Alford</u> | <u>66342</u>    | <u>50121</u> |

**ORIGINAL**

**REC'D**  
**KANSAS CORP.**  
**JAN 28 1993**  
**OKLAHOMA DIVISION**  
**OKLAHOMA**

DEPARTMENT Cont. Service

DESCRIPTION OF JOB Cont. S/L Cont.

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT     | BRAND       | BULK SACKED | ADDITIVES  | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|------------|-------------|-------------|--|------------------|-----------------|
|       | <u>270</u>      | <u>44C</u> | <u>STAN</u> | <u>B</u>    | <u>7 bags cement, 1 lb 1/2" 3000, 1 lb 1/2" 3000</u> | <u>11.4</u>      | <u>12.4</u>     |
|       | <u>140</u>      | <u>44C</u> | <u>STAN</u> | <u>B</u>    | <u>1 lb 1/2" 3000, 1 lb 1/2" 3000</u>                | <u>11.4</u>      | <u>12.4</u>     |
|       | <u>110</u>      | <u>44C</u> | <u>STAN</u> | <u>B</u>    | <u>1 lb 1/2" 3000, 4 lb 1/2" 3000</u>                | <u>11.4</u>      | <u>15.9</u>     |

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

HYDRAULIC HORSEPOWER \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TRIP \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 11.73 REASON Low ST

PRESLUSH: BBL-GAL 500 TYPE 2000

LOAD & BKDN: BBL-GAL \_\_\_\_\_ PAD: BBL-GAL \_\_\_\_\_

TREATMENT: BBL-GAL \_\_\_\_\_ DISPL. BBL-GAL 91

CEMENT SLURRY: BBL-GAL 95-46-24

TOTAL VOLUME: BBL-GAL 275

REMARKS See Job Logsheet

[Signature]