

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

Operator: License # 4742
Name: Texaco E&P, INC.
Address P.O. Box 2700
Pampa, TX 79066-2700

Purchaser: _____
Operator Contact Person: J.M. Barnum
Phone (806) 665-1876
Contractor: Name: H-40 Drilling, Inc.
License: 30692
Wellsite Geologist: John Connor

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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
3/21/93 3/28/93 4/19/93
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21,303
County Seward
C. S2. N2. NE Sec. 15 Twp. 31S Rge. 32 E
990 Feet from S(N) (circle one) Line of Section
1320 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 P.J. Homsher Well # 2
Field Name Wildcat
Producing Formation Morrow
Elevation: Ground 2846' KB 2858'
Total Depth 5,800' PBTD 5749'
Amount of Surface Pipe Set and Cemented at 1719' Feet
Multiple Stage Cementing Collar Used? Yes No
 Yes, show depth set 3067' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan 6-8-93
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED
Lease Name _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____
County FROM CONFIDENTIAL Docket No. _____

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 J.M. Barnum
Title Area Manager Date 6/4/93
Subscribed and sworn to before me this 4th day of JUNE, 19 93.

Notary Public N. Garvienne Raggsdale
N. GARVIENNE RAGSDALE
Date Commission Expires 8/17/94
My Commission Expires 08/17/94

6-9-93
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/ROP
 KGS Plug
KANSAS CORPORATION COMMISSION
9 1993
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas
(Specify)

Operator Name Texaco E&P, Inc. Lease Name P.J. Homsher Well # 2
 Sec. 15 Twp. 31S Rge. 32 East County Seward
 West

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:
 Dipmeter
 Microlog
 SFL
 Compensated Neutron-Litho-Density

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 SEE ATTACHED

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 1/4" | 8 5/8" | 24# | 1719' | Prem. Plus | 510 | 2%CC |
| Production | 7 7/8" | 5 1/2" | 17# | 5796' | Prem. | 150 | 2%cc |
| | | | | | 50-50 Poz | 160 | 10% salt |
| DV Tool | | | | 3067' | Prem. Plus | 230 | 2%cc |
| | | | | | Prem. Plus | 180 | 2%cc |

| 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 | 5482-84 | CO2 frac 54,700# of | |
| 4 | 5450-64 | 20/40 sand | |

| TUBING RECORD | | | | | | | |
|--|-----------|--|---|---------------|---------|--|--|
| Size | Set At | Packer At | Liner Run | | | | |
| 2 7/8" | 5302' | 5266-70' | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| Date of First, Resumed Production, SWD or Inj. | | Producing Method <input checked="" 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 | Gravity | | |
| | | 350 | | | | | |

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp Conmingled Other (Specify)

Production Interval

P.J. Homsher Well No. 2

API # 15-175-21303

Sec. 15-31S-32W

Seward County, Kansas

ORIGINAL

Formation Tops and Datum

(KB Elevation = 2858.0')

| <u>Formation</u> | <u>Top</u> | <u>Datum</u> |
|------------------|------------|--------------|
| Wellington | 2117' | +741' |
| Hutchinson | 2209' | +649' |
| Hollenberg | 2600' | +258' |
| Herrington | 2620' | +238' |
| U. Krider | 2632' | +226' |
| L. Krider | 2659' | +199' |
| Winfield | 2704' | +154' |
| Towanda | 2750' | +108' |
| Wreford | 2903' | -45' |
| Council Grove | 2998' | -140' |
| Topeka | 3661' | -803' |
| Heebner | 4162' | -1304' |
| Toronto | 4176' | -1318' |
| Lansing | 4268' | -1410' |
| Marmaton | 4885' | -2027' |
| Cherokee | 5054' | -2196' |
| Atoka | 5175' | -2317' |
| Morrow | 5345' | -2487' |
| Chester | 5522' | -2664' |
| St. Gen | 5616' | -2758' |
| St. Louis | 5700' | -2842' |

RELEASED

APR 28 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 9 1993

CONSERVATION DIVISION
Wichita, Kansas

FORM 1906 R-11

| | | | | | |
|---|--|-----------------------------|---|--------------------------|--|
| WELL NO.—FARM OR LEASE NAME 2* P.J. Hamsher | | COUNTY Seward | STATE Ks. | CITY / OFFSHORE LOCATION | DATE 3-29-93 |
| CHARGE TO H-40 | | OWNER TEXACO | TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/> | | INITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| ADDRESS 251 N. Water Suite 10 | | CONTRACTOR H-40 | LOCATION 1 LIBERAL Ks. | | CODE 025540 |
| CITY, STATE, ZIP Wichita Ks. 67202 | | SHIPPED VIA HAWCO | FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT | | LOCATION 2 Hugoton Ks. |
| WELL TYPE 01 | | WELL CATEGORY 01 | WELL PERMIT NO. B-123148 | | DELIVERED TO LOCATION |
| TYPE AND PURPOSE OF JOB 035 | | ORDER NO. | REFERRAL LOCATION | | LOCATION 3 |

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 | | |
| 00-117 | | 1 | | MILEAGE | 20 | mi | 1 | EA | 2.75 | 55.00 |
| 01-016 | | 1 | | Pump CHARGE | 57% | FT. | 8 | hr. | | 16.50.00 |
| 07-161 | | 1 | | 2nd Stage | 3073 | FT. | 8 | hr. | | 10.80.00 |
| 18-315 | | | | MUD FLUSH | 1000 | gal | | | .65 | 650.00 |
| 12A | 825.205 | 1 | | Guide Shoe | 5 1/2 | IN | 1 | EA | | 121.00 |
| 4A | 836.07100 | 1 | | 7Lt. COLLAR | " | " | " | " | | 253.00 |
| 71 | 813.80300 | 1 | | D.V Tool | " | " | " | " | | 2450.00 |
| 75 | 813.16510 | 1 | | Plug Set | " | " | " | " | | 460.00 |
| 350 | 890.10802 | 1 | | Weld A | 1 | LB. | 1 | EA | | 14.50 |
| RELEASED | | | | | | | | | | |
| APR 28 1994 | | | | | | | | | | |
| FROM CONFIDENTIAL | | | | | | | | | | |

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 123148

AS JOB SATISFACTORILY COMPLETED? _____

AS OPERATION OF EQUIPMENT SATISFACTORY? _____

AS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

CUSTOMER OR HIS AGENT (PLEASE PRINT)
John [unclear]

CUSTOMER OR HIS AGENT (SIGNATURE)
[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.

Tim Bohannon
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

FIELD OFFICE

RECEIVED
STATE COMMISSION
14 APR 29 1994
APPLICABLE TAXES WILL BE ADDED ON INVOICE
CONSERVATION DIVISION
Wichita, Kansas

740 3070
E.P. - NCA

**AND
TICKET CONTINUATION**

FOR INVOICE AND
TICKET NO.

304342

ORIGINAL

| | | | | |
|-----------------------------------|--------------------|--|--------------------------------|------------------------------------|
| DATE 3-29-93 | CUSTOMER ORDER NO. | WELL NO. AND FARM P J Hansher #2 | COUNTY Seward | STATE Kansas |
| CHARGE TO H-40 Drilling | | OWNER | CONTRACTOR H-40 | No. B123148 |
| MAILING ADDRESS | | DELIVERED FROM Hugopton, Kansas | LOCATION CODE 025535 | PREPARED BY Don Phillips |
| CITY & STATE | | DELIVERED TO N/E Liberal, Kansas | TRUCK NO. | RECEIVED BY <i>T. Bohannon</i> |

| PRICE REFERENCE | SECONDARY REF. OR PART NO. | CODE | | DESCRIPTION | UNITS 1 | | UNITS 2 | | UNIT PRICE | AMOUNT | |
|--------------------------|----------------------------|------|---|---------------------------------|---------|-------|---------|-------|------------|--------|----|
| | | L | D | | QTY. | MEAS. | QTY. | MEAS. | | | |
| | | | | 160 CU. Ft. 50/50 Pozmix Cement | | | | | | | |
| 504-043 | 516.00272 | 2 | B | Premium Cement | 80 | sk | | | 8.69 | 695 | 20 |
| 506-105 | 516.00286 | 2 | B | Pozmix "A" (80) | 5920 | lb | | | .067 | 396 | 64 |
| 506-121 | 516.00250 | 2 | B | Halliburton Gel 2% | 3 | sk | | | | | NC |
| 504-050 | 516.00265 | 2 | B | Premium Plus Cement | 180 | sk | | | 8.95 | 1,611 | 00 |
| 504-120 | | 2 | B | Halliburton Light Cement | 230 | sk | | | 8.05 | 1,851 | 50 |
| 507-210 | 890.50071 | 2 | B | Flocele B/ 1/2 W/ 410 | 102 | lb | | | 1.40 | 142 | 80 |
| 507-775 | 516.00144 | 2 | B | Halad-322 B/ .6% W/ 180 | 102 | lb | | | 6.45 | 657 | 90 |
| 507-970 | 70.15764 | 2 | B | D-Air #1 B/ .2% W/ 160 | 27 | lb | | | 3.10 | 83 | 70 |
| 508-291 | 516.00337 | 2 | B | Gilsonite B/ 10% @ Sk W/ 160 | 1600 | lb | | | .40 | 640 | 00 |
| 509-406 | 890.50812 | 2 | B | Calcium Chloride B/ 2% W/ 410 | 8 | sk | | | 28.25 | 226 | 00 |
| 509-968 | 516.00315 | 2 | B | Granulated Salt B/ 10% W/ 160 | 793 | lb | | | .13 | 103 | 09 |
| RELEASED | | | | | | | | | | | |
| APR 28 1994 | | | | | | | | | | | |
| FROM CONFIDENTIAL | | | | | | | | | | | |

| | | | | | | | | | | | |
|---------------------|--|--------------------------|--------------------------------------|--------------|------------------------------|--------------|-----------|-----|----------------|--|--|
| | | Returned Mileage Charge | TOTAL WEIGHT | LOADED MILES | TON MILES | | | | | | |
| | | | SERVICE CHARGE ON MATERIALS RETURNED | | | CU. FEET | | | | | |
| 100-207 | | 2 B | SERVICE CHARGE | | | CU. FEET 628 | 1.25 | 785 | 00 | | |
| 100-305 | | 2 B | Mileage Charge | 55,054# | 20 | 550.540 | | | | | |
| No. B 123148 | | CARRY FORWARD TO INVOICE | | | STATE APPROBATION COMMISSION | | SUB-TOTAL | | APR 30 1993 79 | | |

304842

DISTRICT LIBERAL KS.

ORIGINAL

DATE 3-29-93

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: H-40 (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE P.J. HAMSHER SEC. 15 TWP. 315 RANGE 32W

LD COUNTY SEWARD STATE KS. OWNED BY TEXACO

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION ME TYPE FROM TO S.V. TOOK 5 1/2" SET AT 3069.68 CREEPER TYPE 5800 MUD WEIGHT 8.9 RE HOLE 7 7/8

Table with columns: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS. Includes data for weight, size, from, to, and max. allow. P.S.I.

PREVIOUS TREATMENT: DATE TYPE MATERIALS

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED 35 - Run 10 BBL Mud Flush - 160 sks 50 50 pozz H - 10% SALT - 10 Gilsonite 2% D-Air - Disp. with 62.2 BBL H2O - 71.2 BBL Mud / 2nd Stage 10 BBL Mud Flush 30 sks C.G.Wt. 2% C.C. - 1/4" / sk floccle - 280 sks C 2% C.C. - 1/4" floccle - 0.6% Halad 322 - Disp. with 71.2 BBL H2O

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.
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.
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.
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.
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.
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.

APR 28 1994

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. RECEIVED APR 30 1993

FROM CONFIDENTIAL

SIGNED DATE 3-29-93 TIME 06:30 A.M. P.M. CUSTOMER

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

FIELD OFFICE

CONSERVATION DIVISION Wichita, Kansas

LD# _____ SEC. **25** TWP. **35** RANG. **32 W** COUNTY. **Seward** STATE. **Ks**

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 TIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 ESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 MPLETION DATE _____ MUD TYPE **Chem.** MUD WT. **8.9**
 MUD TYPE **DV.** SET AT **3073**
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 C. DATA _____ TOTAL DEPTH **5800**

| | NEW USED | WEIGHT | SIZE | FROM | TO | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------|-------|----------|------|-----------------------|
| CASING | N | 17 | 5 1/2 | KB | 5796 | 1500 |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | 7 7/8 | SP | 5800 | SHOTS/FT. |
| PERFORATIONS | | | | ORIGINAL | | |
| PERFORATIONS | | | | ORIGINAL | | |
| PERFORATIONS | | | | ORIGINAL | | |

JOB DATA

| TYPE AND SIZE | QTY. | MAKE |
|--------------------------|------|-------|
| JAT COLLAR 55II | 1 | Howco |
| JAT SHOE | | |
| IDE SHOE R25 | 1 | |
| TRALIZERS | | Camp |
| ITOM PLUG DV Plus | 1 | Howco |
| PLUG DV Plus | 1 | |
| ID Free Fall | 1 | |
| WER DV Tool | 1 | |
| IER Weld A | 1 | |

| CALLER OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|---------------------|---------------------|---------------------|---------------------|
| DATE 3-29-93 | DATE 3-29-93 | DATE 3-29-93 | DATE 3-29-93 |
| TIME 04:00 | TIME 06:30 | TIME 09:30 | TIME 15:20 |

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|--------------------------|-----------------|------------|
| T Bohannon 27748 | 40076 P.O. | Liberal Ks |
| T Broadfoot 04604 | 52276 P. | " " |
| D Pierce 07106 | 3626 B. | Hugoton Ks |
| K Myers 59018 | 4515 B. | |
| | 3625 B. | |

MATERIALS

WAT. FLUID _____ DENSITY _____ LB/GAL-API
 PL. FLUID _____ DENSITY _____ LB/GAL-API
 IP. TYPE _____ SIZE _____ LB.
 IP. TYPE _____ SIZE _____ LB.
 D TYPE _____ GAL. %
 D TYPE _____ GAL. %
 D TYPE _____ GAL. %
 IFACTANT TYPE _____ GAL. IN
 AGENT TYPE _____ GAL. IN
 ID LOSS ADD. TYPE _____ GAL.-LB. IN
 LING AGENT TYPE _____ GAL.-LB. IN
 . RED. AGENT TYPE _____ GAL.-LB. IN
 AKER TYPE _____ GAL.-LB. IN
 CKING AGENT TYPE _____ GAL.-LB.
 FPAC BALLS TYPE _____ QTY.
 ER _____
 IER _____

DEPARTMENT **Cement**
 DESCRIPTION OF JOB **035**

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE **X John Schlenz**
 HALLIBURTON OPERATOR **Tim Bohannon** COPIES REQUESTED _____

CEMENT DATA

| TAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS/GAL. |
|------|-----------------|-----------|-------|-------------|------------------------------------|------------------|----------------|
| 1 | 160 | 50/50 P+2 | H | B | 10% salt, 10% Gilsonite, 12% D-Air | 1.38 | 13.6 |
| 2 | 230 | H3C P+ | | B | 2% cc 4/10 flocc | 2.10 | 12.3 |
| 3 | 180 | P+ | | B | 2% cc, 4/10 flocc, 16% Halad 332 | 1.32 | 14.8 |

PRESSURES IN PSI

SUMMARY

VOLUMES

COLATING _____ DISPLACEMENT _____
 AKDOWN _____ MAXIMUM _____
 RAGE _____ FRACTURE GRADIENT _____
 IT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 IERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 ATING _____ DISPL _____ OVERALL _____
 CEMENT LEFT IN PIPE **41**
 REASON **Shoe ST**

PRESLUSH BBL-GAL **20** TYPE **Mud flush**
 LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
 TREATMENT: BBL-GAL _____ DISPL: BBL-GAL **133.41**
 CEMENT SLURRY **39.2 + 86 + 44.2**
 TOTAL VOLUME: BBL-GAL _____

REMARKS

RELEASED _____ RECEIVED _____
 APR 28 1994 STATE COMMODATION COMMISSION
 APR 30 1993

FROM CONFIDENTIAL

CUSTOMER NO. H-40
 LEASE NO. P.S. Marshfield
 WELL NO. 035
 JOB TYPE 2
 DATE 3-29-93

JOB LOG

FORM 2013 R-2

WELL NO. H-40 "Texaco" PAGE NO. 3-29-93 1
 CUSTOMER "Texaco" DATE 3-29-93
 JOB TYPE 035 8&D.V.

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 04:00 | | | | | | | Call out ORIGINAL |
| | 06:30 | | | | | | | ON hoc Rig lay Down D.C. |
| | 07:10 | | | | | | | Start CSB |
| | 09:30 | | | | | | | CSB TD Hook-up To C.C. Hole |
| | 09:55 | | | | | | | Safety Meeting |
| | 10:03 | | | | | | | Start Job 1 st Stage |
| | | 6 1/2 | 10 | | | | 300 | 10 bbl mod flush |
| | | " | 39.3 | | | | 250 | 160 SK 50/50 P+2 |
| | 10:15 | — | | | | | | Stop Wash-up Drop DV Plug |
| | 10:17 | 7 | | | | | 150 | Displ w H ₂ O & Only Mud |
| | | | 62.2 | | | | 200 | H ₂ O |
| | | 8 | 71.2 | | | | 500 | Mud |
| | 10:45 | 3 | | | | | 500 | Plug Down Float Did not Hold at first Pump Back-up Release Back Float Holding |
| | 10:51 | | | | | | | Drop Bomb |
| | 11:03 | 2 | | | | | 250 | Open D.V. Tool 1400 PS. c.f. Hole wait 4 hrs for 2 nd stage |
| | | | | | | | 250 | 2 nd stage |
| | | | | | | | 250 | Start Mud flush |
| | 11:45 | 6 | 10 | | | | " | |
| | | " | 86 | | | | 200 | 230 SK HLC P+ |
| | | | 44.2 | | | | 250 | 180 SK P+ |
| | 14:58 | | | | | | | Stop Wash-up Drop Plug 25 P+ |
| | 15:02 | 6 | | | | | 150 | Start Displ w H ₂ O |
| | | 2 | | | | | 500 | Cir good cnt To Surface |
| | 15:20 | | 71.2 | | | | 750 | Plug Down Tool Case 1400 PS. |

RELEASED

APR 28 1994

FROM CONFIDENTIAL

Thank you Tim

RECEIVED STATE COMMISSION

APR 30 1993

CONSERVATION DIVISION
Wichita, Kansas

FIELD OFFICE

FORM 1906 R-11

| | | | | | |
|--|--|------------------------------------|--|--------------------------|--|
| WELL NO.—FARM OR LEASE NAME <i>P. J. HAMSHER #2</i> | | COUNTY <i>SEWARD</i> | STATE <i>Ks</i> | CITY / OFFSHORE LOCATION | DATE <i>3-22-93</i> |
| CHARGE TO <i>H-40 Drilling</i> | | OWNER <i>TEVARD</i> | TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/> | | NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/> |
| ADDRESS | | CONTRACTOR <i>H-40 #2</i> | LOCATION <i>1 LIBERAL</i> | | CODE <i>25540</i> |
| CITY, STATE, ZIP | | SHIPPED VIA <i>HANCO</i> | FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT | | LOCATION <i>2 HULOTAN</i> |
| WELL TYPE <i>01</i> | | WELL CATEGORY <i>01</i> | DELIVERED TO <i>LOCATION</i> | | CODE <i>25585</i> |
| TYPE AND PURPOSE OF JOB <i>010</i> | | WELL PERMIT NO. <i>B-123119</i> | 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 | | | |
| <i>000-117</i> | | <i>1</i> | | MILEAGE | <i>20</i> | <i>MI</i> | | | <i>2.25</i> | <i>85</i> | <i>00</i> |
| <i>501-116</i> | | | | PUMPING SERVICE | <i>8</i> | <i>HR</i> | <i>1717</i> | <i>'</i> | | <i>1105</i> | <i>00</i> |
| <i>230-0216</i> | | | | 5-1/2 Top Plug | <i>1</i> | <i>EA</i> | <i>85 1/2</i> | <i>"</i> | | <i>120</i> | <i>00</i> |
| <i>7297</i> | <i>826-1269</i> | | | BAFFLE | <i>1</i> | <i>EA</i> | <i>85 1/2</i> | <i>"</i> | | <i>15</i> | <i>00</i> |
| <i>350</i> | <i>890-10802</i> | | | WELD-A | <i>1</i> | <i>EA</i> | | | | <i>14</i> | <i>50</i> |
| RELEASED | | | | | | | | | | | |
| <i>APR 28 1994</i> | | | | | | | | | | | |
| FROM CONFIDENTIAL | | | | | | | | | | | |

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-123119**

IS JOB SATISFACTORILY COMPLETED? _____

IS OPERATION OF EQUIPMENT SATISFACTORY? _____

IS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

John Schlemmer
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

[Signature]
 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.

[Signature]
 HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

FIELD OFFICE

RECEIVED *32*
 STATE COMMISSION

SUB TOTAL *88993.82*

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CONSERVATION DIVISION
 Wichita, Kansas

240 PAA 5-103.33

AND TICKET CONTINUATION

ORIGINAL

FOR INVOICE AND TICKET NO. 285583

A Division of Halliburton Company

| | | | | |
|-------------------------|--------------------|--------------------------------------|---------------------------------------|-----------------------------|
| DATE 03-22-93 | CUSTOMER ORDER NO. | WELL NO. AND FARM P.J. Hamsher #2 | COUNTY Seward | STATE Kansas |
| CHARGE TO H-40 Drlg. | | OWNER Texaco | CONTRACTOR H-40 | No. B 123119 |
| MAILING ADDRESS | | DELIVERED FROM Hugoton, Ks | LOCATION CODE 025535 | PREPARED BY Mike Gilbert |
| CITY & STATE | | DELIVERED TO NE/Sublette, Ks | TRUCK NO. 3635-75817 50866-5839 | RECEIVED BY KINSINGER |

| PRICE REFERENCE | SECONDARY REF. OR PART NO. | CODE | | DESCRIPTION | UNITS 1 | | UNITS 2 | | UNIT PRICE | AMOUNT | |
|-----------------|----------------------------|------|---|--------------------------------|---------|-------|---------|-------|------------|--------|----|
| | | L | D | | QTY. | MEAS. | QTY. | MEAS. | | | |
| 504-050 | 516.00265 | 2 | B | Premium Plus Cement | 150 | sk | | | 8.95 | 1342 | 50 |
| 504-121 | | 2 | B | Halliburton Light Cement | 510 | sk | | | 8.05 | 4105 | 50 |
| 507-210 | 890.50071 | 2 | B | Flocele 3/4" W/ 510 | 128 | lb | | | 1.40 | 179 | 20 |
| 509-406 | 890.50812 | 2 | B | Calcium Chloride 2 1/2" W/ 660 | 12 | sk | | | 28.25 | 339 | 00 |

RELEASED

APR 23 1994

FROM CONFIDENTIAL

| | | | | | | |
|---------------------|--------------------------------------|--------------|--------------|-----------|--------------------------------------|-----------------------|
| | Returned Mileage Charge | TOTAL WEIGHT | LOADED MILES | TON MILES | | |
| | SERVICE CHARGE ON MATERIALS RETURNED | | | | CU. FEET | |
| 500-207 | 2 B SERVICE CHARGE | | | | CU. FEET 693 | 1.25 866 25 |
| 500-306 | 2 B Mileage Charge | 62,220 | 20 | | CU. FEET 1306.62 TON MILES 622,20 | .85 528 87 1110 68 |
| No. B 123119 | CARRY FORWARD TO INVOICE | | | | START TOTAL | 736 32 |

APR 30 1994

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. **305583**

FORM 1908 R-7 A Division of Halliburton Company

DISTRICT LIBERAL

ORIGINAL DATE 3-22-93

HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: H-40 DAKLING (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE P.I. HAMSHER SEC. 15 TWP. 31S RANGE 32W

LD _____ COUNTY SEWARD STATE KS OWNED BY TEXACO

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM RELEASED
CORKER: TYPE _____ SET AT _____
TUBING DEPTH _____ MUD WEIGHT APR 28 1994
FORMATION FROM HOLE FROM CONFIDENTIAL
FORMATION PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
FORMATION PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

| | NEW USED | WEIGHT | SIZE | FROM | TO | MAX. ALLOW. P.S.I. |
|--------------|----------|--------|--------|------|------|--------------------|
| CASING | N | 24 | 8 7/8 | KB | 1717 | |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | 12 1/4 | KB | 1717 | SHOTS/FT. |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
LEMANT 8 7/8 (66 W) STOK PREM. PLUS LITE W/ 290 CC, 1/2 FLOCELE - 150 SK
PREM. PLUS W/ 290 CC - DISPLACE W/ H₂O

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

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's 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.
 - 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.
 - 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.
 - That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT
SIGNED [Signature] CORPORATION COMMISSION
CUSTOMER

DATE 3-22-93 APR 30 1993
TIME 1300 A.M. P.M.

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

FIELD OFFICE

CONSERVATION DIVISION
Wichita, Kansas

WELL DATA
 HELL NO. _____ SEC. 15 TWP. 31S RNG. 32W COUNTY Seward 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 _____
 DISC. DATA _____ TOTAL DEPTH _____

| | NEW USED | WEIGHT | SIZE | FROM | TO | MAXIMUM PSI ALLOWABLE |
|--------------|----------|--------|----------|------|------|-----------------------|
| CASING | N | 24 | 8 7/8 | KB | 1717 | |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | 8 7/8 | KB | 1717 | SHOTS/FT. |
| PERFORATIONS | | | ORIGINAL | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

JOB DATA

| CALLER OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|------------------------|------------------------|------------------------|------------------------|
| DATE 3-22 TIME 0900 | DATE 3-22 TIME 1200 | DATE 3-22 TIME 1435 | DATE 3-22 TIME 1650 |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|---------------|-------|---------|
| LOAD COLLAR | | |
| LOAD SHOE | | |
| GUIDE SHOE | | |
| CENTRALIZERS | | |
| BOTTOM PLUG | | |
| OP PLUG 5-W | 8 7/8 | 1 Howco |
| END RAFFLE | 11 | 1 |
| PACKER | | |
| OTHER TOOLS | | 1# |

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|------------|-----------------|---------------|
| KINGSINGER | C1893 | 38242 LIBERAL |
| POYCE | 48120 | 75446 " |
| MUYERS | 59018 | 75817 HUGOTON |
| MARIN | F4549 | 5839 " |

MATERIALS

REAT. FLUID _____ DENSITY _____ LB/GAL-API
 ISPL. FLUID _____ DENISTY _____ LB/GAL-API
 ROP. TYPE _____ SIZE _____ LB.
 ROP. TYPE _____ SIZE _____ LB.
 CID TYPE _____ GAL _____ %
 CID TYPE _____ GAL _____ %
 CID TYPE _____ GAL _____ %
 SURFACTANT TYPE _____ GAL _____ IN
 E AGENT TYPE _____ GAL _____ IN
 FLUID LOSS ADD. TYPE _____ GAL-LB. **RELEASED**
 GELLING AGENT TYPE _____ GAL-LB. _____ IN
 RIC. RED. AGENT TYPE _____ GAL-LB. **APR 2 8 1994**
 REAKER TYPE _____ GAL-LB. _____ IN
 LOCKING AGENT TYPE _____ GAL-LB. _____ IN
 ERFPAC BALLS TYPE _____ GAL-LB. **FROM CONFIDENTIAL**
 OTHER _____
 OTHER _____

DEPARTMENT **CAT**
 DESCRIPTION OF JOB **8 7/8 SURFACE**
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE **X John Sellers**
 HALLIBURTON OPERATOR **KINGSINGER** COPIES REQUESTED _____

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|---------------|-------|-------------|--------------------|------------------|-----------------|
| 1 | 510 | PREM PLUS GRE | | B | 2% CC - 4# FLOCELE | 2.06 | 12.3 |
| 2 | 150 | PREM PLUS | | B | 2% CC | 1.32 | 14.8 |

PRESSURES IN PSI
 REGULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 PERAGE _____ FRACTURE GRADIENT _____
 4UT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 HEATING _____ DISPL _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 SET _____ 42 REASON **SHOE JOINT**

SUMMARY
 PRESLUSH: BBL-GAL _____ TYPE _____
 LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
 TREATMENT: BBL-GAL _____ DISPL: BBL-GAL **106**
 CEMENT SLURRY: BBL-GAL **222**
 TOTAL VOLUME: BBL-GAL _____
 REMARKS
*** CAT TO SURFACE**
 RECEIVED
 STATE CORPORATION COMM
APR 30 1993

CUSTOMER 1-40
 LEASE P.T. HANSHER
 WELL NO. 2
 JOB TYPE 8 7/8 SURFACE
 DATE 3-22-93

JOB LOG

WELL NO. _____ LEASE _____ TICKET NO. _____
 CUSTOMER H-40 DALL. PAGE NO. 1
 JOB TYPE 8 5/8 SURFACE DATE 3-22-93

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|---------|--|
| | | | | T | C | TUBING | CASING | |
| | 0900 | | | | | | | MAILED |
| | 1150 | | | | | | | ON LOCATION: RIG UP TD & CMC |
| | 1230 | | | | | | | T.O.H. w/ D.P. |
| | 1330 | | | | | | | RIG UP TRI - STATE CASING |
| | 1345 | | | | | | | RUN 8 5/8 CASING |
| | 1435 | | | | | | | CASING W. HOOD UP TO MUD PUMP |
| | 1445 | | | | | | | HOLE CIRCUMFERE |
| | 1455 | | | | | | | SHUT MUD PUMP DOWN. HOOD UP TO GET LBS |
| | 1458 | 8.5 | 187 | | | | 300 | PUMP LEAD SURVEY @ 12.3# - GOOD RETURN |
| | 1517 | 6 | 35 | | | | 200 | PUMP TAIL SURVEY @ 14.8# - " " |
| | 1523 | | | | | | | SURVEY W. SHUT DOWN TO DEEP TOP PUMP |
| | 1524 | 6 | | | | | 100# | DISPLACE w/ H ₂ O - GOOD RETURN |
| | 1537 | 6-2 | 96 | | | | 650/500 | SLOW RATE |
| | 1542 | | 106 | | | | 500/600 | PUMP DOWN - CLOSE W. HEAD - RELEASE PMS |
| | | | | | | | | RELEASED FROM LOCATION |
| | | | | | | | | * GOVT TO SURFACE |

ORIGINAL

RELEASED

APR 28 1994

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

APR 30 1993

FIELD OFFICE

CONSERVATION DIVISION
Wichita, Kansas