

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

Operator: License # 03321

Name: Hoffman Petroleum, Inc.

Address 1600 Broadway, Suite 1710

City/State/Zip Denver, CO 80202

Purchaser: N/A

Operator Contact Person: Myrle F. Hoffman

Phone ( 303 ) 860-9121

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: Clifton K. Ottaway

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOV  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSM, 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  PSTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

6/3/93 6/10/93  
Spud Date Date Reached TD Completion Date

API NO. 15- 051-24833-0000 Plugged 6-10-93

County Ellis ORIGINAL

C-SW-SE-SE Sec. 4 Twp. 11S Rge. 19 X V

621' Feet from (S) (circle one) Line of Section

1201' Feet from (E) (circle one) Line of Section

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

Lease Name McCauley Well # 1

Field Name Sessin North

Producing Formation \_\_\_\_\_

Elevation: Ground 2095' KB 3000'

Total Depth 3700' PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 207' Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sk cnt.

Drilling Fluid Management Plan DAB 7-18-93  
(Data must be collected from the Reserve Pit)

Chloride content 58,000 ppm Fluid volume 350 bbls

Dewatering method used Left to dry

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

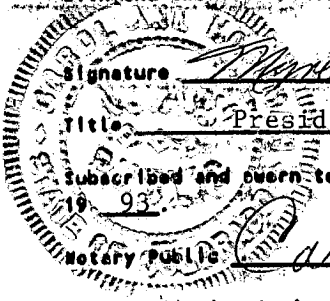
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ 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 Myrle F. Hoffman

Title President Date 6/30/93

Subscribed and sworn to before me this 30th day of June

Notary Public Carol Ann Hoffman

Date Commission Expires May 17, 1997

RECEIVED  
K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received - 6 1993  
C Geologist Report Received  
Distribution:  KCC  SVD/KS  Plug  Other (Specify)  
KGS  Plug  Other (Specify)

21

Operator Name Hoffman Petroleum, Inc.

Lease Name McCauley

Well # 1

Sec. 4 Twp. 11S Rge. 19W

East

County Ellis

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:

Radiation Guard Log

Log Formation (Top), Depth and Datum  Sample

| Name         | Top  | Datum |
|--------------|------|-------|
| Anhydrite    | 1420 | + 680 |
| Topeka       | 3069 | - 969 |
| Heebner      | 3286 | -1186 |
| Toronto      | 3310 | -1210 |
| Lansing-KC   | 3328 | -1228 |
| Base K.C.    | 3548 | -1448 |
| Marmonton    | 3590 | -1490 |
| Conglomerate | 3612 | -1512 |
| RTD          | 3700 | -1600 |
| LTD          | 3699 | -1599 |

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           | 12-1/4            | 8-5/8"                    | 20#             | 207'          | 40/60 Pozmix   | 135          | 2% gel<br>3% cc            |

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  |                  |                |             |                            |

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.

| 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. |
|----------------|---|--|--------|
|                |   |  |        |
|                |   |  |        |
|                |   |  |        |
|                |   |  |        |

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

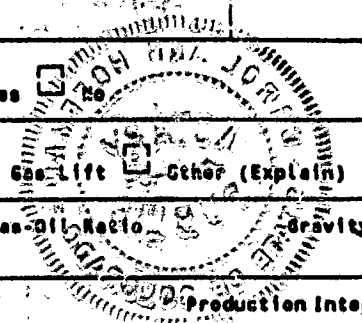
Estimated Production Per 24 Hours DRY Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Quality Comp.  Commingled  Other (Specify)



DRILLERS WELL LOG

DATE COMMENCED: June 3, 1993  
DATE COMPLETED: June 10, 1993

Hoffman Petroleum, Inc.  
MC CAULEY #1  
SW SE SE  
Sec. 4-11S-19W  
Ellis County, Kansas

ELEVATION: 2095' G.L.  
3000' K.B.

0 - 210' Rock, Clay, Sand  
210 - 260' Clay, Shale  
260 - 1310' Shale, Sand  
1310 - 1426' Red bed, Clay  
1426 - 1465' Anhydrite  
1465 - 1975' Shale  
1975 - 2340' Lime, Shale  
2340 - 2910' Lime  
2910 - 3365' Shale, Lime  
3365 - 3430' Shale  
3430 - 3529' Lime, Shale  
3529 - 3700' Conglomerate  
3700' R.T.D.

FORMATION DATA

Anhydrite 1426'  
Base Anhydrite 1465'  
Topeka 3067'  
Heebner 3286'  
L.K.C. 3329'  
Base K.C. 3548'  
Conglomerate 3610'  
Arbuckle None  
R.T.D. 3700'

Surface Pipe: Set 20# used  
8 5/8" pipe at 207' with 135  
sacks 60/40 poz., 2% gel, 3% cc.

STATE OF KANSAS  
COUNTY OR RUSSELL) ss

A F F I D A V I T

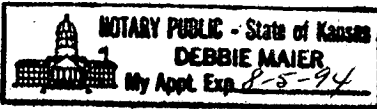
Roy Vonfeldt of lawful age, does swear and state that the facts  
and statements herein are true and correct to the best of his knowledge.

*Roy Vonfeldt*  
Roy Vonfeldt

Subscribed and sworn to before me this 14 day of June, 1993.

My Comm. Expires:  
Aug 5, 1994

*Debbie Maier*  
Debbie Maier, Notary Public



RECEIVED  
STATE CORPORATION COMMISSION

JUL 19 1993

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

**Clifton K. Ottaway**  
**CONSULTING PETROLEUM GEOLOGIST**  
(913) 628-6900  
P. O. BOX 494 HAYS, KANSAS 67601

**GEOLOGIC REPORT**

HOFFMAN PETROLEUM INC.  
MC CAULEY NO. 1  
SW-SE-SE Sec. 4-11-19  
Ellis. County, Kansas  
Commenced: 6-3-93  
Completed: 6-9-93

PIPE RECORD  
8 5/8" @ 207' W/ 135 SK  
D & A Conglomerate  
Anhydrite: 1420-1458  
Drilled by: Vonfeldt  
Drilling Rig 1

ELEVATION 2100 K.B.  
2095 G. L. 2098 D. F.

**FORMATION DATA**  
**CORRECTED TO RA LOG**

| FORMATION                | MINUS DATA  | DEPTH |
|--------------------------|-------------|-------|
| Topeka .....             | -969 .....  | 3069  |
| Heebner.....             | -1186 ..... | 3286  |
| Toronto .....            | -1210 ..... | 3310  |
| Lansing-Kansas City..... | -1228 ..... | 3328  |
| Base Kansas City.....    | -1448 ..... | 3548  |
| Marmaton .....           | -1490 ..... | 3590  |
| Conglomerate.....        | -1512 ..... | 3612  |
| RTD .....                | -1600 ..... | 3700  |
| LTD .....                | -1599 ..... | 3699  |

Cores: None  
Drill Stem Tests: Three, see below  
Electric Logs: Mercury Wireline R. A. Guard Log

**FORMATION DESCRIPTIONS**

Topeka: 3096-3285

This section consisted mostly of barren limestones and vari-colored shale stringers.

Toronto: 3310-3320

There were no oil shows in this section.

Lansing-Kansas City: 3328-3548

A-B Bench: 3328-3353 There were no oil shows in this section

RECEIVED  
STATE CORPORATION COMMISSION

JUL 19 1993

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

15051-248330000

C Bench: 3363-3375 There was a trace of free oil and staining in a white to off-white, fine crystalline, limestone with intercrystalline porosity. The log shows this to be tight and the drill stem test results confirm that.

D Bench: 3382-3396 A slight show of free oil and light staining and a faint odor in a white to tan, fine to medium crystalline limestone with intercrystalline and pin point vugular porosity. This was also tight as confirmed by drill stem test number 1.

DRILL STEM TEST NO. 1 3350-3400

Recovery: 30' mud  
Times: 30-30-30-30  
IF: 25-25  
FF: 30-35  
ISIP: 960  
FSIP: 907

E-F Bench: 3404-3419 A trace of free oil and light to dark saturated staining in a white to off-white, fine, crystalline limestone with intercrystalline porosity. This was included in DST. No. 2.

G Bench 3421-3448 There were no oil shows in this section of white chalky, cherty limestone.

DRILL STEM TEST NO. 2 3395-3430

Recovery: 50" mud  
Times: 45-45-30-45  
IF: 40-40  
FF: 45-45  
ISIP: 795  
FSIP: 795

H Bench: 3462-3476 There was a trace of light staining in a white, fine to medium crystalline, slightly oolitic limestone.

I-J Bench: 3480-3510 A trace of free oil and staining and faint odor in a white to tan, fine to medium crystalline limestone with intercrystalline and fossiliferous porosity.

K Bench: 3515-3534 A slight show of free oil, light to dark staining, and faint odor in a white fine crystalline, fossiliferous limestone with intercrystalline porosity. This was included in DST. No. 3.

RECEIVED  
STATE CORPORATION COMMISSION

SEP 19 1993  
CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

15.051.24833.0000

DRILL STEM TEST NO. 3 3476-3529

Recovery: 25' mud  
Times: 30-30-30-30  
IF: 39-39  
FF: 39-39  
ISIP: 768  
FSIP: 620

L Bench: 3538-3548 A trace of free oil and light staining and faint odor in a white to tan, fine to medium crystalline, slightly oolitic limestone with intercrystalline porosity.

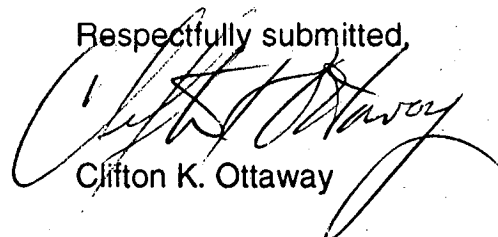
Marmaton: 3590-3605 A trace of free oil and staining, scattered shows of asphaltic and tarry residue in a white to cream, vari-colored slightly oolitic cherty limestone with intercrystalline porosity. This looks wet on the log.

Conglomerate: 3612-TD. There were no oil shows in this section.

#### RECOMMENDATIONS

Structurally the Lansing-Kansas City top on this well was between some old producers in the area. The lack of good porosity development was the cause of no recovery on the drill stem tests. Based on the log and the negative drill stem test results, it was recommended to plug and abandon this well.

Respectfully submitted,



Clifton K. Ottaway

RECEIVED  
STATE CORPORATION COMMISSION

JUL 19 1993

CONSERVATION DIVISION  
Wichita, Kansas

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15.051.24833.0000

Test Ticket

No 5749

Well Name & No. MC CAULEY #1 Test No. 1 Date 6-7-93  
 Company HOFFMAN POT ING Zone Tested LKC  
 Address 1600 BROADWAY STN 17 IMPERIAL CO 80202 Elevation 2095  
 Co. Rep./Geo. CLIFF OTTAWAY Cont. VONFELDT R161 Est. Ft. of Pay 2095  
 Location: Sec. 4 Twp. 11S Rge. 19W Co. ELLIS State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet \_\_\_\_\_ Yes  Turnkey \_\_\_\_\_ Yes  Evaluation \_\_\_\_\_

Interval Tested 3350-3400 Drill Pipe Size 4 1/2 IH  
 Anchor Length 50 Top Choke — 1" \_\_\_\_\_ Bottom Choke — 1/4" \_\_\_\_\_  
 Top Packer Depth 3345 Hole Size — 7 7/8" \_\_\_\_\_ Rubber Size — 6 3/4" \_\_\_\_\_  
 Bottom Packer Depth 3350 Wt. Pipe I.D. — 2.7 Ft. Run 0  
 Total Depth 3400 Drill Collar — 2.25 Ft. Run 0  
 Mud Wt. 9.9 lb/gal. Viscosity 49 Filtrate 10.8  
 Tool Open @ \_\_\_\_\_ Initial Blow HIT BRIDGE 300 FT OFF BTM CAME BACK OUT TO CLEAN HOLE  
 Final Blow \_\_\_\_\_

| Recovery — Total Feet    | Feet of Gas in Pipe                           | Flush Tool? |
|--------------------------|---|-------------|
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ |             |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ |             |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ |             |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ |             |
| Rec. _____ Feet Of _____ | %gas _____ %oil _____ %water _____ %mud _____ |             |

BHT 103 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud \_\_\_\_\_ PSI Ak1 Recorder No. 22150 Range 3925  
 (B) First Initial Flow Pressure \_\_\_\_\_ PSI @ (depth) 3353 w/Clock No. 31154  
 (C) First Final Flow Pressure \_\_\_\_\_ PSI Ak1 Recorder No. 11058 Range 4500  
 (D) Initial Shut-in Pressure \_\_\_\_\_ PSI @ (depth) 3397 w/Clock No. 25814  
 (E) Second Initial Flow Pressure \_\_\_\_\_ PSI Ak1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure \_\_\_\_\_ PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_  
 (G) Final Shut-in Pressure \_\_\_\_\_ PSI Initial Opening \_\_\_\_\_ Test MISRIW  
 (H) Final Hydrostatic Mud \_\_\_\_\_ PSI Initial Shut-in \_\_\_\_\_ Jars \_\_\_\_\_

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By \_\_\_\_\_  
 Our Representative [Signature]

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 19 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas  
 Safety Joint \_\_\_\_\_  
 Straddle \_\_\_\_\_  
 Circ. Sub \_\_\_\_\_  
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Other \_\_\_\_\_

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Test Ticket

PK 6/7/93 15051-24833-000  
EX. NO. 2627 NO 5750

|   |                           |                    |
|---|---------------------------|--------------------|
| Well Name & No. <u>MC SAULLEY #1</u>  | Test No. <u>2</u>         | Date <u>6-7-93</u> |
| Company <u>HOFFMAN PET INC</u>  | Zone Tested <u>LKC</u>    |                    |
| Address <u>1600 BROADWAY STE 1710 LAWRENCE, MO</u>  | Elevation                 |                    |
| Co. Rep./Geo. <u>CLIFF OTTOWAY</u>  | Cont. <u>VONFELDT RIG</u> | Est. Ft. of Pay    |
| Location: Sec. <u>4</u> Twp. <u>11S</u> Rge. <u>19W</u> Co. <u>ELLIS</u> State <u>KS</u>  |                           |                    |
| No. of Copies _____ Distribution Sheet _____ Yes _____ <input checked="" type="checkbox"/> Turnkey _____ Yes _____ <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Evaluation _____ |                           |                    |

|  |   |
|--|---|
| Interval Tested <u>3350-3400</u>   | Drill Pipe Size <u>4 1/2 XH</u>         |
| Anchor Length <u>50 FT</u>   | Top Choke — 1" Bottom Choke — 3/4"      |
| Top Packer Depth <u>3345</u>   | Hole Size — 7 7/8" Rubber Size — 6 3/4" |
| Bottom Packer Depth <u>3350</u>  | Wt. Pipe I.D. — 2.7 Ft. Run <u>0</u>    |
| Total Depth <u>3400</u>  | Drill Collar — 2.25 Ft. Run <u>0</u>    |
| Mud Wt. <u>9.9</u> lb/gal. Viscosity <u>49</u> Filtrate <u>10.8</u>          |   |
| Tool Open @ <u>2:40 P.M.</u> Initial Blow <u>WEAK BLOW DEAD IN 5 MINUTES</u> |   |

Final Blow NO BLOW - FLUSHED TOOL RECEIVING WEAK BLOW THEN DEAD

|  |   |                        |
|--|---|------------------------|
| Recovery — Total Feet <u>30</u>            | Feet of Gas In Pipe _____                     | Flush Tool? <u>YES</u> |
| Rec. <u>30</u> Feet Of <u>DRILLING MUD</u> | %gas _____ %oil _____ %water _____ %mud _____ |                        |
| Rec. _____ Feet Of _____                   | %gas _____ %oil _____ %water _____ %mud _____ |                        |
| Rec. _____ Feet Of _____                   | %gas _____ %oil _____ %water _____ %mud _____ |                        |
| Rec. _____ Feet Of _____                   | %gas _____ %oil _____ %water _____ %mud _____ |                        |
| Rec. _____ Feet Of _____                   | %gas _____ %oil _____ %water _____ %mud _____ |                        |

BHT 103 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

|  |  |
|--|--|
| (A) Initial Hydrostatic Mud <u>2143</u> PSI    | AK1 Recorder No. <u>RCC# 2210</u> Range <u>3925</u>  |
| (B) First Initial Flow Pressure <u>25</u> PSI  | @ (depth) <u>3353</u> w/Clock No. <u>31154</u>       |
| (C) First Final Flow Pressure <u>25</u> PSI    | AK1 Recorder No. <u>RCC# 11052</u> Range <u>4500</u> |
| (D) Initial Shut-in Pressure <u>960</u> PSI    | @ (depth) <u>3397</u> w/Clock No. <u>25814</u>       |
| (E) Second Initial Flow Pressure <u>30</u> PSI | AK1 Recorder No. _____ Range _____                   |
| (F) Second Final Flow Pressure <u>35</u> PSI   | @ (depth) _____ w/Clock No. _____                    |
| (G) Final Shut-in Pressure <u>907</u> PSI      | Initial Opening <u>30</u> Test <u>✓</u>              |
| (H) Final Hydrostatic Mud <u>2087</u> PSI      | Initial Shut-in <u>30</u> Jars _____                 |

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By \_\_\_\_\_  
Our Representative [Signature]

Final Flow 30 Safety Joint \_\_\_\_\_  
Final Shut-in 30 Straddle \_\_\_\_\_  
Circ. Sub RECEIVED  
Sampler ATE CORPORATION COMMISSION  
Extra Packer JUL 19 1993  
Other \_\_\_\_\_



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

15057-24833-0000

Test Ticket

NO. 2627 Pd. 6/8/93  
CHK# 2628

NR 6001

Well Name & No. McCAULEY #1 Test No. 2 Date 6-8-93  
 Company HOFFMAN PET INK Zone Tested LKC "ETF"  
 Address 1600 BRADWAY ST 1710 DENVER CO. 80202 Elevation \_\_\_\_\_  
 Co. Rep./Geo. (CLIFF OTTAWAY) Cont. VANFELDT R161 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 4 Twp. 11S Rge. 19W Co. ELLIS State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet \_\_\_\_\_ Yes \_\_\_\_\_  Turnkey \_\_\_\_\_ Yes \_\_\_\_\_  NO Evaluation

Interval Tested 3395-3430 Drill Pipe Size 4 1/2 IH  
 Anchor Length 35FT Top Choke — 1" Bottom Choke — 1/4"  
 Top Packer Depth 3390 Hole Size — 7 7/8" Rubber Size — 6 3/4"  
 Bottom Packer Depth 3395 Wt. Pipe I.D. — 2.7 Ft. Run 0  
 Total Depth 3430 Drill Collar — 2.25 Ft. Run 0  
 Mud Wt. 9.8 lb/gal. Viscosity 45 Filtrate 15  
 Tool Open @ 2:40 A.M. Initial Blow WEAK BLOW - STEADY 6"

Final Blow WEAK BLOW - STEADY 6"

| Recovery — Total Feet | Feet of Gas In Pipe | Flush Tool? <u>NO</u> |      |        |      |
|-----------------------|---------------------|-----------------------|------|--------|------|
| Rec.                  | Feet Of             | %gas                  | %oil | %water | %mud |
| <u>50</u>             | <u>DRILLING MUD</u> |                       |      |        |      |
|                       |                     |                       |      |        |      |
|                       |                     |                       |      |        |      |
|                       |                     |                       |      |        |      |
|                       |                     |                       |      |        |      |

BHT 105 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 1770 PSI Ak1 Recorder No. 22150 Range 3925  
 (B) First Initial Flow Pressure 40 PSI @ (depth) 3400 w/Clock No. 31154  
 (C) First Final Flow Pressure 40 PSI AK1 Recorder No. 11058 Range 4500  
 (D) Initial Shut-In Pressure 795 PSI @ (depth) 3427 w/Clock No. 25814  
 (E) Second Initial Flow Pressure 45 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
 (F) Second Final Flow Pressure 45 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_  
 (G) Final Shut-In Pressure 795 PSI Initial Opening 45 Test   
 (H) Final Hydrostatic Mud 1750 PSI Initial Shut-In 45 Jars \_\_\_\_\_

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By \_\_\_\_\_  
Our Representative John Reed

Printcraft Printers - Hays, KS

Final Flow 30 Safety Joint \_\_\_\_\_  
 Final Shut-In 45 Straddle \_\_\_\_\_  
 Circ. Sub STATE CORPORATION COMMISSION  
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ \_\_\_\_\_

RECEIVED  
 JUL 19 1993  
 CONSERVATION DIVISION  
 Wichita, Kansas

Test Ticket

Well Name & No. McCauley #1 Test No. 4 Date 6-8-93  
 Company Hoffman Petro. Inc Zone Tested I-J-K. h.k.c.  
 Address 1600 Broadway, Denver, Co. 80202 Elevation \_\_\_\_\_  
 Co. Rep./Geo. Cliff OT Cont. Vonfeldt #1 Est. Ft. of Pay \_\_\_\_\_  
 Location: Sec. 4 Twp. 11 Rge. 19 Co. Ellis State Ks.  
 No. of Copies \_\_\_\_\_ Distribution Sheet \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_ Turnkey \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_ Evaluation \_\_\_\_\_

Interval Tested 3476 - 3529 Drill Pipe Size 4.5 X 14  
 Anchor Length 53 Top Choke — 1" Bottom Choke — 3/4"  
 Top Packer Depth 3471 Hole Size — 7 7/8" Rubber Size — 6 5/4"  
 Bottom Packer Depth 3476 Wt. Pipe I.D. — 2.7 Ft. Run \_\_\_\_\_  
 Total Depth 3529 Drill Collar — 2.25 Ft. Run \_\_\_\_\_  
 Mud Wt. 10.2 lb/gal. Viscosity 44 Filtrate 11.2  
 Tool Open @ 5:50 p.m. Initial Blow weak - Died in 23 min.

Final Blow No blow.

| Recovery — Total Feet              | Feet of Gas In Pipe                                | Flush Tool? |
|------------------------------------|--|-------------|
| Rec. <u>25</u> Feet Of <u>D.M.</u> | %gas _____ %Oil _____ %water <u>100</u> %mud _____ |             |
| Rec. _____ Feet Of _____           | %gas _____ %Oil _____ %water _____ %mud _____      |             |
| Rec. _____ Feet Of _____           | %gas _____ %Oil _____ %water _____ %mud _____      |             |
| Rec. _____ Feet Of _____           | %gas _____ %Oil _____ %water _____ %mud _____      |             |
| Rec. _____ Feet Of _____           | %gas _____ %Oil _____ %water _____ %mud _____      |             |

BHT 106 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

- (A) Initial Hydrostatic Mud 2046 PSI AK1 Recorder No. 13754 Range 4000
- (B) First Initial Flow Pressure 39 PSI @ (depth) 3480 W/Clock No. 27501
- (C) First Final Flow Pressure 39 PSI AK1 Recorder No. 7437 Range 4200
- (D) Initial Shut-In Pressure 768 PSI @ (depth) 3525 W/Clock No. 27567
- (E) Second Initial Flow Pressure 39 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_
- (F) Second Final Flow Pressure 39 PSI @ (depth) \_\_\_\_\_ W/Clock No. \_\_\_\_\_
- (G) Final Shut-In Pressure 620 PSI Initial Opening 30 Test \_\_\_\_\_
- (H) Final Hydrostatic Mud 1966 PSI Initial Shut-In 30 Jars \_\_\_\_\_

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 30 Safety Joint \_\_\_\_\_  
 Final Shut-In 30 Straddle \_\_\_\_\_

Approved By \_\_\_\_\_  
 Our Representative Don Bangle

Circ. Sub **RECEIVED**  
 Sampler **TATE CORPORATION COMMISSION**  
 Extra Packer **JUL 19 1993**  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ **CONSERVATION DIVISION**  
 Wichita, Kansas

ORIGINAL



P.O. BOX 951046  
DALLAS, TX 75395-1046

15-057-24833-0000

INVOICE

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

|            |            |
|------------|------------|
| INVOICE NO | DATE       |
| 340820     | 06/03/1993 |

|                           |                |                     |                      |                       |                  |             |
|---------------------------|----------------|---------------------|----------------------|-----------------------|------------------|-------------|
| WELL LEASE NO./PLANT NAME |                | WELL/PLANT LOCATION |                      | STATE                 | WELL/PLANT OWNER |             |
| CAULEY 1                  |                | ELLIS               |                      | KS                    | SAME             |             |
| SERVICE LOCATION          |                | CONTRACTOR          |                      | JOB PURPOSE           |                  | TICKET DATE |
| YS                        |                | VONFELDT            |                      | CEMENT SURFACE CASING |                  | 06/03/1993  |
| CT. NO.                   | CUSTOMER AGENT | VENDOR NO.          | CUSTOMER P.O. NUMBER |                       | SHIPPED VIA      | FILE NO.    |
| 1901                      | MYRLE HOFFMAN  |                     |                      |                       | COMPANY TRUCK    | 51605       |

HOFFMAN PETROLEUM INC.  
 COLORADO STATE BANK BUILDING  
 1600 BROADWAY, SUITE 1710  
 DENVER, CO 80202

DIRECT CORRESPONDENCE TO:  
 FIRST OKLAHOMA TOWER  
 210 WEST PARK AVENUE  
 SUITE 2050  
 OKLAHOMA CITY, OK 73102-5601

| PRICE REF. NO.                         | DESCRIPTION                    | QUANTITY | U/M | UNIT PRICE | AMOUNT   |
|--|--------------------------------|----------|-----|------------|----------|
| PRICING AREA - EASTERN AREA1           |                                |          |     |            |          |
| 00-117                                 | MILEAGE                        | 22       | MI  | 2.75       | 60.50    |
|  |                                | 1        | UNT |            |          |
| 01-016                                 | CEMENTING CASING               | 210      | FT  | 515.00     | 515.00   |
|  |                                | 1        | UNT |            |          |
| 30-503                                 | WOODEN PLUG                    | 8 5/8    | IN  | 95.00      | 95.00    |
|  |                                | 1        | EA  |            |          |
| 04-136                                 | CEMENT - 40/60 POZMIX STANDARD | 135      | SK  | 5.55       | 749.25   |
| 09-406                                 | ANHYDROUS CALCIUM CHLORIDE     | 3        | SK  | 28.25      | 84.75    |
| 00-207                                 | BULK SERVICE CHARGE            | 141      | CFT | 1.25       | 176.25   |
| 00-306                                 | MILEAGE CMTG MAT DEL OR RETURN | 128.986  | TMI | .85        | 109.64   |
| INVOICE SUBTOTAL                       |                                |          |     |            | 1,790.39 |
| DISCOUNT - (BID)                       |                                |          |     |            | 358.07-  |
| INVOICE BID AMOUNT                     |                                |          |     |            | 1,432.32 |
| *-KANSAS STATE SALES TAX               |                                |          |     |            | 43.90    |
| *-HAYS CITY SALES TAX                  |                                |          |     |            | 8.96     |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT |                                |          |     |            | 1,485.18 |

*Pd. 7/19/93  
 Chk # 2656*

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

TERMS 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

FORM 1906 R-11

1505124833-0000

|   |                            |                                   |   |   |                       |
|---|----------------------------|-----------------------------------|---|---|-----------------------|
| WELL NO.—FARM OR LEASE NAME<br><i>H1 McCauley</i> |                            | COUNTY<br><i>Ellis 4-11-19</i>    | STATE<br><i>Ks</i>                          | CITY / OFFSHORE LOCATION  | DATE<br><i>6-3-93</i> |
| CHARGE TO<br><i>Merle Hoffmann</i>                |                            | OWNER<br><i>SAME</i>              |   | TICKET TYPE (CHECK ONE)<br>SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/> |                       |
| ADDRESS   |                            | CONTRACTOR<br><i>Vonfeldt</i>     |   | NITROGEN JOB<br>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>                   |                       |
| CITY, STATE, ZIP                                  |                            | SHIPPED VIA<br><i>Combo 51374</i> |   | FREIGHT CHARGES<br><input type="checkbox"/> PPD <input type="checkbox"/> COLLECT                      |                       |
| WELL TYPE<br><i>01</i>                            | WELL CATEGORY<br><i>01</i> | WELL PERMIT NO.                   | DELIVERED TO<br><i>S. W. Plainville, Ks</i> | LOCATION<br><i>1 Nays Ks</i>  |                       |
| TYPE AND PURPOSE OF JOB<br><i>010</i>             |                            | ORDER NO.<br><i>B-155402</i>      |   | LOCATION<br><i>2</i>  |                       |
|   |                            |                                   |   | LOCATION<br><i>3</i>  |                       |
|   |                            |                                   |   | 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         |                           |        |         | MILEAGE 51374 <i>Combo</i> | 22      | mi   |          |      | 2.75       | 60.50   |
| 001-016         |                           |        |         | Pump Service               | 210     | FT   |          |      | 5.15       | 1081.50 |
| 03-2-503        |                           |        |         | Plug                       | 1       | EA   | 8 5/8 in |      | 95.00      | 95.00   |

*625-4778*

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

*B-155402*

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

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

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

*[Signature]*  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X  
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.

*A. J. Worth*  
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

RECEIVED  
STATE CORPORATIONS COMMISSION

JUL 9 1993

CONSERVATION DIVISION  
Wichita, Kansas

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE

**BULK MATERIALS DELIVERY  
AND  
TICKET CONTINUATION**

**HALLIBURTON SERVICES**  
Duncan, Oklahoma 73828  
A Division of Halliburton Company

**ORIGINAL**  
FOR INVOICE AND  
TICKET NO. **340820**  
**15051-24833-0000**

|                                   |                    |   |  |                                   |
|-----------------------------------|--------------------|---|--|-----------------------------------|
| DATE<br><b>6-3-93</b>             | CUSTOMER ORDER NO. | WELL NO. AND FARM<br><b>McCauley #1 - 4-11-79</b> | COUNTY<br><b>Ellis</b>                                     | STATE<br><b>Kansas</b>            |
| CHARGE TO<br><b>Merle Hoffman</b> |                    | OWNER<br><b>Same</b>                              | CONTRACTOR<br><b>Vonfeldt Drilling</b> No. <b>B 155402</b> |                                   |
| MAILING ADDRESS                   |                    | DELIVERED FROM<br><b>Hays, Ks</b>                 | LOCATION CODE<br><b>25525</b>                              | PREPARED BY<br><b>Kuhn</b>        |
| CITY & STATE                      |                    | DELIVERED TO<br><b>N/W Hays, Ks</b>               | TRUCK NO.<br><b>3860</b>                                   | RECEIVED BY<br><b>A. F. Weath</b> |

| PRICE REFERENCE | SECONDARY REF. OR PART NO. | CODE |   | DESCRIPTION              | UNITS 1 |       | UNITS 2 |       | UNIT PRICE | AMOUNT |    |
|-----------------|----------------------------|------|---|--------------------------|---------|-------|---------|-------|------------|--------|----|
|                 |                            | L    | D |                          | QTY.    | MEAS. | QTY.    | MEAS. |            |        |    |
| 504-136         |                            | 1    | B | 40/60 Pozmix Standard    | 135     |       |         |       | 5.55       | 749    | 25 |
| 509-406         | 890.50812                  | 1    | B | Calcium Chloride Blended | 3       |       |         |       | 28.25      | 84     | 75 |

**THIS IS NOT AN INVOICE**

|                     |     |                                      |               |              |                     |            |  |
|---------------------|-----|--------------------------------------|---------------|--------------|---------------------|------------|--|
|                     |     | Returned Mileage Charge              | TOTAL WEIGHT  | LOADED MILES | TON MILES           |            |  |
|                     |     | SERVICE CHARGE ON MATERIALS RETURNED |               |              | CU. FEET            |            |  |
| 500-207             | 1 B | SERVICE CHARGE                       |               |              | CU. FEET <b>141</b> | 1.25       |  |
| 500-306             | 1 B | Mileage Charge                       | <b>11,725</b> | <b>22</b>    | <b>128,986</b>      | <b>.85</b> |  |
| No. <b>B 155402</b> |     | CARRY FORWARD TO INVOICE             |               |              | SUB-TOTAL           |            |  |

**RECEIVED**  
APPROPRIATION COMMISSION  
**176 25**  
**JUL 19 1993**  
**64**  
CONSERVATION DIVISION  
Wichita, Kansas

CUSTOMER

# JOB LOG

WELL NO. 11 LEASE McClure

TICKET NO. 270820

OWNER Merle Hoffman

PAGE NO. 1

JOB TYPE 2 3/8 surface

DATE 6-3-93

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS  |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
|           |      |            |                    | T     | C | TUBING         | CASING |   |
| 1         | 1045 |            |                    |       |   |                |        | called out ORIGINAL   |
|           | 1215 |            |                    |       |   |                |        | on location w/ 135 sts 40/60<br>Poz 2% gr 3% CC<br>Set-up + Plan Job<br>Rig circ @ 210<br>Pull O.P. |
|           | 1225 |            |                    |       |   |                |        | out of Hole w/ O.P  |
|           | 1235 |            |                    |       |   |                |        | start 2 3/8 casy 20" pipe   |
|           | 1238 |            |                    |       |   |                |        | casing on Bottom  |
|           | 1300 |            |                    |       |   |                |        | Break circ w/ mud Hog   |
|           | 1325 |            |                    |       |   |                |        | Hook to cont well   |
|           | 1335 |            |                    |       |   |                |        | 400" start 135 sts 40/60 Poz<br>2% gr 3% CC   |
|           |      | 5          | 20.5               |       |   |                |        | 400" FIN mix  |
|           |      | 5          |                    |       |   |                |        | 250" start Disp.  |
|           |      |            | 12.5               |       |   |                |        | 300" FIN O.S.P.   |
|           |      |            |                    |       |   |                |        | Washup Equip<br>Rack up Equip.  |
|           | 1430 |            |                    |       |   |                |        | Job complete  |
|           |      |            |                    |       |   |                |        | 5 sts circ to pit   |
|           |      |            |                    |       |   |                |        | Handwritten notes:<br>+ Hank's<br>Allow<br>+ crew   |

CUSTOMER

ORIGINAL



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

ORIGINAL 15051-24833-0000

INVOICE

A Halliburton Company

|             |            |
|-------------|------------|
| INVOICE NO. | DATE       |
| 340792      | 06/10/1993 |

|                           |                |                     |                      |                 |                  |             |
|---------------------------|----------------|---------------------|----------------------|-----------------|------------------|-------------|
| WELL LEASE NO./PLANT NAME |                | WELL/PLANT LOCATION |                      | STATE           | WELL/PLANT OWNER |             |
| CAULEY 1                  |                | ELLIS               |                      | KS              | SAME             |             |
| SERVICE LOCATION          |                | CONTRACTOR          |                      | JOB PURPOSE     |                  | TICKET DATE |
| AYS                       |                | VONFELDT            |                      | PLUG TO ABANDON |                  | 06/10/1993  |
| CT. NO.                   | CUSTOMER AGENT | VENDOR NO.          | CUSTOMER P.O. NUMBER |                 | SHIPPED VIA      | FILE NO.    |
| 91901                     | DARRYL KRIER   |                     |                      |                 | COMPANY TRUCK    | 51839       |

HOFFMAN PETROLEUM INC.  
 COLORADO STATE BANK BUILDING  
 1600 BROADWAY, SUITE 1710  
 DENVER, CO 80202

DIRECT CORRESPONDENCE TO:  
 FIRST OKLAHOMA TOWER  
 210 WEST PARK AVENUE  
 SUITE 2050  
 OKLAHOMA CITY, OK 73102-5601

| PRICE REF. NO.               | DESCRIPTION                            | QUANTITY | U/M | UNIT PRICE | AMOUNT   |
|------------------------------|--|----------|-----|------------|----------|
| PRICING AREA - EASTERN AREA1 |  |          |     |            |          |
| 000-117                      | MILEAGE                                | 22       | MI  | 2.75       | 60.50    |
|                              |  | 1        | UNT |            |          |
| 090-910                      | MISCELLANEOUS PUMPING JOB              | 1        | TRK | 395.00     | 395.00   |
| 030-503                      | CMTG PLUG LA-11,CP-1,CP-3, TOP         | 8 5/8    | IN  | 95.00      | 95.00    |
|                              |  | 1        | EA  |            |          |
| 004-136                      | CEMENT - 40/60 POZMIX STANDARD         | 200      | SK  | 5.55       | 1,110.00 |
| 007-277                      | HALLIBURTON-GEL BENTONITE              | 7        | SK  | 15.50      | 108.50   |
| 007-210                      | FLOCELE                                | 50       | LB  | 1.40       | 70.00    |
| 000-207                      | BULK SERVICE CHARGE                    | 217      | CFT | 1.25       | 271.25   |
| 000-306                      | MILEAGE CMTG MAT DEL OR RETURN         | 195.470  | TMI | .85        | 166.15   |
|                              | INVOICE SUBTOTAL                       |          |     |            | 2,276.40 |
|                              | DISCOUNT-(BID)                         |          |     |            | 455.28-  |
|                              | INVOICE BID AMOUNT                     |          |     |            | 1,821.12 |
|                              | *-KANSAS STATE SALES TAX               |          |     |            | 85.49    |
|                              | *-HAYS CITY SALES TAX                  |          |     |            | 17.45    |
|                              | INVOICE TOTAL - PLEASE PAY THIS AMOUNT |          |     |            | 2,276.40 |

*Pd. 7/1/93  
 Cr. # 2657*

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUL 19 1993  
 CONSERVATION DIVISION  
 Wichita, KS 67206

TERMS 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