

KANSAS CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5293
Name: Helmerich & Payne, Inc.
Address: 1579 E. 21st Street
City/State/Zip: Tulsa, OK 74114
Purchaser: _____
Operator Contact Person: Sharon LaValley
Phone: (918) 742-5531
Contractor Name: Cheyenne Drilling
License: 5382

Wellsite Geologist: _____

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: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. To Enhr./SWD

Plug Back Plug Back Total Depth

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr.?) Docket No. _____

02/19/01 02/21/01 04/18/01

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 093-21669-00-00

County: Kearny

NE - NE - SW Sec. 9 Twp. 23 S. R. 35 East West

2540 feet from S N (circle one) Line of Section

3150 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Gilmore Well #: 1-2

Field Name: Hugoton

Producing Formation: Chase

Elevation: Ground: 3034' Kelly Bushing: 3039'

Total Depth: 2760' Plug Back Total Depth: 2703'

Amount of Surface Pipe Set and Cemented at 325 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2749

feet depth to surface w/ 525 sx cmt.

Drilling Fluid Management Plan Alt II KGR 1-9-08
(Data must be collected from the reserve pit)

Chloride content Est 1000 ppm Fluid Volume 800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 completed and correct to the best of my knowledge.

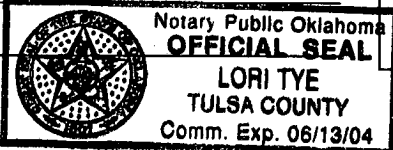
Signature: Sharon LaValley

Title: Engineer Tech Date: 6/14/01

Subscribed and sworn to before me this 14th day of June

2001
Notary Public: Lori Tye

Date Commission Expires: 6/13/04



KCC Office Use Only
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Helmerich & Payne, Inc. Lease Name: Gilmore Well #: 1-2
 Sec. 9 Twp. 23 S. R. 35 East West County: Kearny

Instructions: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Takes Yes No
 Electric Log Run Yes No
 (Submit Copy)

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

List All E. Logs Run:

Dual Spaced Neutron

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" | 23# | 325' | Prem Plus Lite C | 80 | 2% CC + 1/4# Flocele |
| | | | | | 50/50 Poz Prem Plus C | 125 | 2% CC + 1/4# Flocele |
| Production | 7 7/8" | 5 1/2" | 15.5# | 2749' | Prem Plus Lite | 400 | 1/4# Flocele |
| | | | | | 50/50 Poz | 125 | 10% Salt, 1/4# Flocele |

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 | | | | |

| Shot Per Foot | PERFORATIONS 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 | Upper Krider 2540-2554' | Frac: 40500 gal 70Q N2 foam cont 82000 lbs 16/30 white sand in 1-4 ppg stages | 2540-2565' |
| 4 | Lower Krider 2556-2565' | | |
| | | Acid: 1000 gals 15% HCL | |
| TUBING RECORD Size 2 3/8" Set At 2603' Packer At | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Date of First, Resumed Production, SWD or Enhr. 04/18/01 | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | |
| Estimated Production Per 24 Hours | Oil Bbls | Gas Mcf | Water Bbls Gas-Oil Ratio Gravity |
| | | 51 | 90 |

Disposition of Gas Vented Sold Used on Lease (If Vented, Submit ACO-18) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 2540-2565' Other (Specify) _____



JOB SUMMARY 70006

| | | | |
|-------------------------------------|---------------------|-------------------------------------|-----------------------|
| TICKET # | 115-132 | TICKET DATE | FEB 19, 2001 |
| REGION | North America | BDA / STATE | KS |
| MBU ID / EMP # | mli 0102 188624 | EMPLOYEE NAME | JOE JACKSON |
| LOCATION | LIBERAL | PSL DEPARTMENT | CEMENTING |
| TICKET AMOUNT | 6,485.84 | CUSTOMER REP / PHONE | DAMASO 1-316-272-1393 |
| WELL LOCATION | DEERFIELD | API / UWI # | 010 ORIGINAL |
| LEASE / WELL # | GILMORE 1-2 | DEPARTMENT | 10003 |
| HES EMP NAME/EMP # (EXPOSURE HOURS) | JOE JACKSON 188624 | SEC / TWP / RNG | 9-235-35W |
| HES EMP NAME/EMP # (EXPOSURE HOURS) | JASON VEMENS 198516 | HES FACILITY (CLOSEST TO WELL SITE) | LIBERAL |
| HES EMP NAME/EMP # (EXPOSURE HOURS) | JUAN LOPEZ 198514 | | |

| | | | |
|----------------|-----------------|-----------------|---------------|
| REGION | North America | NWA / COUNTRY | MEXICO |
| MBU ID / EMP # | mli 0102 188624 | EMPLOYEE NAME | JOE JACKSON |
| LOCATION | LIBERAL | COMPANY | CHEYENNE DRG. |
| TICKET AMOUNT | 6,485.84 | WELL TYPE | GAS |
| WELL LOCATION | DEERFIELD | DEPARTMENT | 10003 |
| LEASE / WELL # | GILMORE 1-2 | SEC / TWP / RNG | 9-235-35W |

| HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES |
|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| P/U 422207 | 70 | 54218 - 78202 | 70 | 52947 - 6611 | 35 | | |

Form Name _____ Type: _____
 Form Thickness _____ From: _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp: _____ Pressure _____
 Misc Data _____ Total Depth _____

| DATE TIME | CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|-----------|-----------------------|--------------|--------------|---------------|
| | FEB. 19, 2001 1200 | SAME 1445 | SAME 2025 | SAME 2043 |

| TOOLS AND ACCESSORIES | | |
|-----------------------|---------------|------|
| TYPE AND SIZE | QTY | MAKE |
| Float Collar | | |
| Float Shoe | | |
| Guide Shoes | | |
| Centralizers | 5-4 3 | HES |
| Bottom Plug | | |
| Top Plug | PLASTIC 1 | HES |
| Head | PC 1 | HES |
| Packer | | |
| Other | INSERT/FILL 1 | HES |

| WELL DATA | | | | | | |
|--------------|----------|--------|-------|------|-----|-----------|
| | NEW/USED | WEIGHT | SIZE | FROM | TO | MAX ALLOW |
| Casing | N | 24 | 8 5/8 | 0 | 325 | |
| Liner | | | | | | |
| Liner | | | | | | |
| Tbg/D.P. | | | | | | |
| Tbg/D.P. | | | | | | SHOTS/FT. |
| Open Hole | | | | | | |
| Perforations | | | | | | |
| Perforations | | | | | | |
| Perforations | | | | | | |

| MATERIALS | | | |
|----------------|---------|--------|--|
| Treat Fluid | Density | Lb/Gal | |
| Disp. Fluid | Density | Lb/Gal | |
| Prop. Type | Size | Lb. | |
| Prop. Type | Size | Lb. | |
| Acid Type | Gal. | % | |
| Acid Type | Gal. | % | |
| Surfactant | Gal. | In | |
| NE Agent | Gal. | In | |
| Fluid Loss | Gal/Lb | In | |
| Gelling Agent | Gal/Lb | In | |
| Fric. Red. | Gal/Lb | In | |
| Breaker | Gal/Lb | In | |
| Blocking Agent | Gal/Lb | In | |
| Perpac Balls | Qty | | |
| Other | | | |
| Other | | | |
| Other | | | |
| Other | | | |

| HOURS ON LOCATION | | OPERATING HOURS | | DESCRIPTION OF JOB |
|-------------------|-------|-----------------|-------|--|
| DATE | HOURS | DATE | HOURS | |
| FEB 19 | 6 | FEB 19 | 0.5 | RECEIVED OPERATION COMMISSION JUN 18 2001 CONSERVATION DIVISION |
| TOTAL | 6 | TOTAL | 0.5 | |

ORDERED _____ HYDRAULIC HORSEPOWER _____ Used _____
 TREATED _____ AVERAGE RATES IN BPM: _____ Overall _____
 FEET 41.5 CEMENT LEFT IN PIPE _____ Reason _____

| STAGE | SACKS | CEMENT | BULK/SKS | ADDITIVES | YIELD | LBS/GAL |
|-------|-------|--------|----------|-----------------------|-------|---------|
| 1 | 80 | PPHCLC | B | 2% CC, 1/8# POLYFLORE | 2.05 | 12.3 |
| 1 | 125 | PREM+ | B | 2% CC, 1/8 POLYFLARE | 1.34 | 14.8 |

Circulating _____ Displacement _____ Preflush: Gal-BBL _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal-BBI _____ Pad: BBI-Gal _____
 Average _____ Frac Gradient _____ Treatment Gal-BBI _____ Disp: BBI-Gal 17.3
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal-BBI 29.22/29.85
 Total Volume Gal-BBI 78-

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3: Kuman K.2 Frac Ring #4: _____
 THE INFORMATION STATED HEREIN IS CORRECT. CUSTOMER'S REPRESENTATIVE SIGNATURE _____



JOB SUMMARY 70006

| | | | |
|-------------------------------------|----------------------------|---|-------------------------------------|
| REGION North America | NWA / COUNTRY USA | TICKET # 1155310 | TICKET DATE 2-20-01 |
| WELL ID / EMP # MCL10103 106304 | EMPLOYEE NAME T. DAVIS | BDA / STATE KS. | COUNTY Pawnee County |
| LOCATION Liberal KS. | COMPANY H.S.P. | PSL DEPARTMENT 2E | CUSTOMER REP / PHONE Dave Pawley |
| TICKET AMOUNT | WELL TYPE OL | API / UWI # | ORIGINAL |
| WELL LOCATION Land. N. Deepfield | DEPARTMENT 2E | JOB PURPOSE CODE 035 | |
| LEASE / WELL Willmore 1-2 | SEC / TWP / RNG 9-23-35 | HES FACILITY (CLOSEST TO WELL SITE) Liberal KS | |

| HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS |
|-------------------------------------|-------|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| T. DAVIS 106304 | 4 1/2 | | | | | | |
| M. H. H. 126452 | | | | | | | |
| K. F. B. 106154 | | | | | | | |
| M. S. S. 222552 | | | | | | | |

| HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES |
|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| 1021925 | 70 | | | | | | |
| 54029-6610 | 35 | | | | | | |
| 51799-75818 | 35 | | | | | | |

Form Name _____ Type: _____
 Form Thickness _____ From: _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp: _____ Pressure _____
 Misc Data _____ Total Depth _____

| DATE | TIME | CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|---------|------|------------|-------------|-------------|---------------|
| 2-21-01 | 0430 | | 0830 | 1110 | 1210 |

| TYPE AND SIZE | QTY | MAKE |
|--------------------|-----|------|
| Float Collar 5 1/2 | 1 | H |
| Float Check 1 1/2 | 1 | |
| Guide Shoes 1 1/2 | 1 | O |
| Centralizers 54 | 11 | |
| Bottom Plug | | W |
| Top Plug 5 w | 1 | |
| Head PL | 1 | G |
| Packer | | |
| Other C clamp | 1 | O |

| WELL DATA | | | | | | |
|--------------|----------|--------|-------|------|------|-----------|
| | NEW/USED | WEIGHT | SIZE | FROM | TO | MAX ALLOW |
| Casing | W | 15.5 | 5 1/2 | R.B. | 2749 | |
| Liner | | | | | | |
| Liner | | | | | | |
| Tbg/D.P. | | | | | | |
| Tbg/D.P. | | | | | | SHOTS/FT. |
| Open Hole | | | | | | |
| Perforations | | | | | | |
| Perforations | | | | | | |
| Perforations | | | | | | |

| MATERIALS | | | |
|----------------|---------|--------|--|
| Treat Fluid | Density | Lb/Gal | |
| Disp. Fluid | Density | Lb/Gal | |
| Prop. Type | Size | Lb. | |
| Prop. Type | Size | Lb. | |
| Acid Type | Gal. | % | |
| Acid Type | Gal. | % | |
| Surfactant | Gal. | In | |
| NE Agent | Gal. | In | |
| Fluid Loss | Gal/Lb | In | |
| Gelling Agent | Gal/Lb | In | |
| Fric. Red. | Gal/Lb | In | |
| Breaker | Gal/Lb | In | |
| Blocking Agent | Gal/Lb | | |
| Perfpac Balls | Qty | | |
| Other | | | |
| Other | | | |
| Other | | | |
| Other | | | |

| HOURS ON LOCATION | | OPERATING HOURS | | DESCRIPTION OF JOB |
|-------------------|-------|-----------------|-------|--|
| DATE | HOURS | DATE | HOURS | |
| | | | | C.M.T. 5 1/2 MISSION 2.5 JUN 18 2001 KANSAS CORPORATION CO. RECEIVED CONSERVATION DIVISION |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | | | |

| STAGE | SACKS | CEMENT | BULK/SKS | ADDITIVES | YIELD | LBS/GAL |
|-------|-------|---------|----------|-------------------------|-------|---------|
| 1 | 400 | P.H.T. | B. | 1/8" POLY FIBER. | 2.07 | 12.2 |
| 1 | 125 | A 50150 | B. | 1/8" POLY FIBER. 107000 | 1.28 | 14.4 |

| | | | |
|------------------------|--------------------------|---|-----------------------|
| Circulating _____ | Displacement _____ | Preflush: Gal-BBI 12 | Type: mixed fluid |
| Breakdown _____ | Maximum _____ | Load & Bkdn: Gal-BBI | Pad: BBI-Gal |
| Average _____ | Frac Gradient _____ | Treatment: Gal-BBI | Disp: BBI-Gal 64.3 |
| Shut In: Instant _____ | 5 Min _____ 15 Min _____ | Cement Slurr: Gal-BBI 147.5 L.C., 28.5 L.C. | Total Volume: Gal-BBI |

| | | | |
|--|--------------------|---|--------------------|
| Frac Ring #1 _____ | Frac Ring #2 _____ | Frac Ring #3 _____ | Frac Ring #4 _____ |
| THE INFORMATION STATED HEREIN IS CORRECT | | CUSTOMER'S REPRESENTATIVE SIGNATURE <i>Dave Pawley</i> | |



JOB LOG

ORDER NO. 70006

| | | |
|------------------------------------|----------------------------|--|
| TICKET # 1155310 | TICKET DATE 2.20.01 | |
| BDA / STATE 11 | COUNTY Kearney | |
| PSL DEPARTMENT 25 | ORIGINAL | |
| CUSTOMER REP / PHONE Dave Mully | | |
| API / UWI # | | |
| WELL LOCATION Land N Moorfield | DEPARTMENT 21 | JOB PURPOSE CODE 033 |
| LEASE / WELL # Columbia 1-2 | SEC / TWP / RNG 9-23-35 | HES FACILITY (CLOSEST TO WELL SITE) Liberal (K) |

| | |
|----------------------------------|---------------------------|
| REGION North America | NWA / COUNTRY USA |
| BU ID / EMP # MCL10103 106304 | EMPLOYEE NAME T. DAVIS |
| LOCATION Liberal (K) | COMPANY HUP |
| TICKET AMOUNT | WELL TYPE OL |

| HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS |
|-------------------------------------|-------|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| T. DAVIS 106304 | 4 1/2 | | | | | | |
| M. MULLIN 126452 | 1 | | | | | | |
| M. P. MULLIN 106154 | 1 | | | | | | |
| M. SCHWAB 222552 | 1 | | | | | | |

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESS. (psi) | | JOB DESCRIPTION/REMARKS |
|-----------|------|------------|--------------------|-------|---|--------------|-----|--|
| | | | | T | C | Tbg | Csg | |
| | 0430 | | | | | | | Called out for job. |
| | 0830 | | | | | | | on loc. rig mudding down |
| | 0930 | | | | | | | Start 5/2 w/ L.F.E. |
| | 1040 | | | | | | | off on both hook up 5/2 P.C. 5 Cite Iron |
| | 1045 | | | | | | | break in utility. |
| | 1047 | | | | | | | cite to pit |
| | 1105 | | | | | | | Thru cite hook from to pit. |
| | 1109 | | | | | | | PSI FAST FROM |
| | 1115 | 6.0 | 17 | | ✓ | 300 | | Pump mud flush |
| | 1117 | 6.5 | 147.5 | | ✓ | 300 | | Pump 400 to PTLT at 12.2" |
| | 1144 | 6.5 | 28.5 | | ✓ | 250 | | PUMP 1250 P+ 50/50 P02 at 14.4" |
| | 1150 | 0 | | | ✓ | 0 | | Shut down DROP PUMP & WASH UP. |
| | 1154 | 6.0 | 64.3 | | ✓ | 150 | | Pump D.I.S.P. |
| | 1201 | 6.0 | 64.3 | | ✓ | 450 | | 40 bbls in unit to pit |
| | 1204 | 2.0 | 64.3 | | ✓ | 680 | | 60 bbls in slow rate. |
| | 1207 | 2.0 | 64.3 | | ✓ | 700/1400 | | LONG PILES |
| | 1208 | 0 | 64.3 | | ✓ | 1400 | | RELEASE FLOAT - HELD |
| | 1210 | | 64.3 | | ✓ | | | JOB OVER |
| | | | | | | | | Thanks for calling HES. |
| | | | | | | | | Type MUD & CROW |
| | | | | | | | | 24 bbls unit to pit |