#### Kansas Corporation Commission Oil & Gas Conservation Division

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE



| Operator: License # 32787   | API No. 15 - 081-21543-00-00  |
|---|---|
| Kansas Natural Gas Operating Inc.   | County: Haskell County, Kansas  |
| Address: P.O. Box 815   | SW _NW _ SW Sec23 _ Twp29 _ S. R33 East ▼ West  |
| City/State/Zin. Sublette, KS 67877  | 1650' feet from (\$ / N (circle one) Line of Section  |
| Purchaser: Williams - Southern Star  Operator Contact Person: Mr. Steve Lehning  Phone: (620) 675-8185 or 629-0535  Contractor: Name: Cheyenne Drilling - LP  | 4950' feet from E/ W (circle one) Line of Section   |
| Operator Contact Person: Mr. Steve Lehning  | Footages Calculated from Nearest Outside Section Corner:                                      |
| Phone: (620) 675-8185 or 629-0535   | (circle one) NE SE NW (SW)  |
| Contractor: Name: Cheyenne Drilling - LP  | Lease Name: Wright Well #: 2-A (Replace)  |
| License: 33375  | Field Name: Hugoton - Chase Series  |
| Wellsite Geologist: Mr. Ron Osterbuhr   | Producing Formation: Chase Series   |
| Designate Type of Completion:   | Elevation: Ground: 2930' Kelly Bushing: 2937' KB  |
| New Well Re-Entry Workover  | Total Depth: 2763' Plug Back Total Depth: 2760' KB  |
| OilSWDSIOWTemp. Abd.  | Amount of Surface Pipe Set and Cemented at 836' Feet  |
| Gas ENHR SIGW   | Multiple Stage Cementing Collar Used?   |
| Dry Other (Core, WSW, Expl., Cathodic, etc)   | If yes, show depth setFeet  |
| If Workover/Re-entry: Old Well Info as follows:   | If Alternate II completion, cement circulated from  |
| Operator:   | feet depth tow/sx cmt.  |
| Well Name:  |   |
| Original Comp. Date: Original Total Depth:  | Drilling Fluid Management Plan ALT# / KGR 7/2/6 (Data must be collected from the Reserve Pit) |
| Deepening Re-perf Conv. to Enhr./SWD  | 130 MA  |
| Plug Back Plug Back Total Depth   |   |
| Commingled Docket No.   | Dewatering method used Remove Excess - Dry - Backfill   |
| Dual Completion Docket No   | Location of fluid disposal if hauled offsite:   |
| ·   | Operator Name: Nichols - LLC  |
| Other (SWD or Enhr.?) Docket No   | Lease Name: Sublette - W-1 License No.: 31983   |
| 9-12-04 9-13-04 10-3-04   | Quarter NW Sec. 01 Twp. 32 S. R. 33 East  West  |
| Spud Date or Recompletion Date  Date Reached TD  Completion Date or Recompletion Date   | County: Seward Docket No.: D-27972  |
|   |   |
| Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells |   |
| All requirements of the statutes, rules and regulations promulgated to regular<br>herein are complete and correct to the best of my knowledge.  | ate the oil and gas industry have been fully complied with and the statements                 |
| le di   |   |
| Signature: Steve Sehring  | KCC Office Use ONLY   |
| Title: SUPT. Date: 10/14/   | 04 Letter of Confidentiality Received   |
| Subscribed and sworn to before me this 14th day of October  | If Denied, Yes Date:  |
|   | , Wireline Log Received   |
| 20.04.  | Geologist Report Received   |
| Notary Public: Raig Toss  | UIC Distribution  |
| Date Commission Expires:  |   |
| KRAIG L. GROSS  NOTANY PUBLIC STATE OF KANSAS  My Appl Exp. 3-8-0   |   |

3 36 . 38

| Operator Name: Kar   | nsas Natural Gas                            | Operation                              | ng, Inc.                              | Lease                           | e Name:_         | Wright                                |                   | Well #: 2-A (Replace)          |                                  |  |  |  |
|--|---|--|---------------------------------------|---------------------------------|------------------|---------------------------------------|-------------------|--------------------------------|----------------------------------|--|--|--|
| Sec. <u>23</u> Twp. <u>2</u>   |   |  |                                       | Count                           | y: Hask          | ell County, Kan                       | sas               |                                |                                  |  |  |  |
| NSTRUCTIONS: SI<br>ested, time tool oper<br>emperature, fluid red<br>Electric Wireline Log | n and closed, flowing covery, and flow rate | g and shut<br>es if gas to             | i-in pressures, surface test, a       | whether s<br>long with          | hut-in pre       | essure reached                        | static level, hyd | rostatic pressur               |                                  |  |  |  |
| Orill Stem Tests Take  |   | Y                                      | es 🗸 No                               |                                 | VL               | og Formatio                           | on (Top), Depth   | and Datum                      | Sample                           |  |  |  |
| Samples Sent to Geo  | •   | <b></b> ✓ Y                            | es 🗌 No                               |                                 | Nam              |                                       |                   | Тор                            | Datum                            |  |  |  |
| ·  | Diogical Survey                             |  |                                       |                                 | 1 -              | ermian                                |                   | 765 <b>'</b>                   | +2172'                           |  |  |  |
| ores Taken   |   |  | _                                     |                                 | 1 -              | edar Hill:                            |                   | 1333'                          | +1604 <b>'</b><br>+1094 <b>'</b> |  |  |  |
| lectric Log Run (Submit Copy)  |   | <b></b> ✓ Y                            | 62   IAO                              |                                 | 1 .              | tone Corra<br>ollenberg               | ат                | 1843 <b>'</b><br>2609 <b>'</b> | +328                             |  |  |  |
| ,  |   |  |                                       |                                 | -                | errington                             |                   | 2638'                          | +299'                            |  |  |  |
| st All E. Logs Run:  |   |  |                                       |                                 |                  | rider                                 |                   | 2662'                          | +275'                            |  |  |  |
| Gamma Ray I  | Neutron                                     |  |                                       |                                 | 1 .              | infield                               |                   | 2711 <b>'</b>                  | +226'                            |  |  |  |
|  |   |  |                                       |                                 | 1 1              | ary Total                             | Depth             | 2763 <b>'</b>                  | +174                             |  |  |  |
|  |   |  |                                       |                                 | Log              | Total De                              | pth               | 2760'                          | +177                             |  |  |  |
|  |   | Repo                                   |                                       | RECORD onductor, s              | ✓ Ne             | ew Used                               | ion, etc.         |                                |                                  |  |  |  |
| Purpose of String  | Size Hole<br>Drilled                        |  | ze Casing<br>t (In O.D.)              |                                 | eight<br>. / Ft. | Setting<br>Depth                      | Type of<br>Cement | # Sacks<br>Used                | Type and Percent<br>Additives    |  |  |  |
| Surface Pipe   | 12 1/4"                                     | 8 5/8"                                 |                                       | 24#                             |                  | 840' G.L.                             | HLC-PP            | 342                            | 3% Cal. Chlor., 6% Hala          |  |  |  |
| Production Pipe  | e 7 7/8"                                    | 5 1/2"                                 |                                       | 14#                             |                  | 2760' G.L. HLC-PP                     |                   | 495                            | 3% Cal. Chlor., 6% Halad-3       |  |  |  |
|  |   |  |                                       |                                 |                  |                                       |                   |                                |                                  |  |  |  |
|  |   | ·· · · · · · · · · · · · · · · · · · · | ADDITIONAL                            | CEMENT                          | ING / SQI        | JEEZE RECORD                          | 1                 |                                | TEC                              |  |  |  |
| Purpose:   | Depth<br>Top Bottom                         | Туре                                   | of Cement #Sacks Used                 |                                 |                  |                                       | Type and          | Percent Additive               | KCC WICK                         |  |  |  |
| Protect Casing   |   |  |                                       |                                 |                  |                                       |                   |                                | CCV                              |  |  |  |
| Plug Back TD Plug Off Zone   |   |  |                                       | -                               |                  |                                       |                   |                                | VIC                              |  |  |  |
| -  |   | <u> </u>                               |                                       | L                               |                  |                                       |                   |                                | <u> </u>                         |  |  |  |
| Shots Per Foot   |   |  | RD - Bridge Plug<br>Each Interval Per |                                 | •                | 1                                     | cture, Shot, Ceme |                                |                                  |  |  |  |
| 4) Shots   | 2639' - 2647' KE                            | 3                                      | KB=7'                                 |                                 |                  | Acid: 3000 Gallons of 15% FE-MCA Acid |                   |                                |                                  |  |  |  |
|  | 2664' - 2674' KE                            | 3                                      | (120 To                               | otal Hole                       | es)              | and 80                                | KCL Water         |                                |                                  |  |  |  |
|  | 2686' - 2692' KE                            | 3                                      |                                       |                                 |                  |                                       |                   |                                |                                  |  |  |  |
|  | 2718' - 2724' KE                            | 3                                      |                                       | ······························· |                  | Frac Job: 60                          | 0000# 16-30       | Nitrogen Foa                   | m Frac                           |  |  |  |
|  |   |  |                                       |                                 |                  | at                                    | 47 BPM ram        | nped 1#-5#/G                   | Sallon                           |  |  |  |
| TUBING RECORD 2 3  | Size<br>3/8" EUE 8 RD                       | Set At<br>2719' G                      |                                       | Packer<br><b>None</b>           | At               | Liner Run                             | Yes 🗸 N           | lo                             |                                  |  |  |  |
| Date of First, Resumer<br>Pending Pipeli   | d Production, SWD or I<br>ne Connection     | Énhr.                                  | Producing Met                         | hod                             | Flowin           | g 📝 Pumpii                            | ng Gas            | Lift [] Oth                    | ner (Explain)                    |  |  |  |
| Estimated Production<br>Per 24 Hours   | Oil   | Bbis.                                  | Gas<br>NA                             | Mcf                             | Wat<br>NA        | er B                                  | bls.              | Gas-Oil Ratio                  | Gravity<br>0.693                 |  |  |  |
| Disposition of Gas   | METHOD OF                                   | COMPLETION                             | L                                     |                                 | , .              | Production Inter                      | val               | 26391                          | -2647' KB                        |  |  |  |
|  |   |  | _                                     | <u> </u>                        | , —              |                                       |                   | 26641                          | -2674' KB                        |  |  |  |
| Vented Sold  | _   |  | Open Hole                             | ✓ Per                           | n. 📋 🗎           | Dually Comp.                          | Commingled        |                                |                                  |  |  |  |
| (ii voinca, oc   | JUITITE ACCU-16.)                           |  | Other (Speci                          | ifu)                            |                  |                                       |                   | 2686'                          | -2692' KB                        |  |  |  |

#### DRILLING & GEOLOGICAL SUMMARY

**OPERATOR:** Kansas Natural Gas, Inc.

KCC #: 5269

WELL NAME: Wright #2-A

**API #:** 15-081-21543

LOCATION: 1600' FSL, 4950'FEL sec23-T29S-R33W

**COUNTY:** Haskell

**ELEVATIONS:** GL-2930', KB-2937'

TOTAL DEPTH: 2763'

**SPUD DATE:** 09/12/2004

DRILLING COMPLETED:

09/13/2004

**DRILLING CONTRACTOR:** Chevenne Drlg.-Rig#8

**KCC #:** 33375

GRADE: J-55

**DEPTH: 846'** 

2

SURFACE CASING SIZE: 8 5/8" WEIGHT: 24#

CEMENT: 217sx of Premium+ lite, 125sx of Premium+

CASING EQUIPMENT: "Texas" pattern shoe, baffle plate, 1 centralizer

**COMMENTS:** circulated 123sx cement to pit. Deviation-3/4°

**PRODUCTION CASING SIZE: 5.5" WEIGHT: 14# GRADE:** 

DEPTH: 2761' 1st STAGE CEMENT: 370sx

Premium+ lite, 125sx Premium+.

2nd STAGE CEMENT:

**CASING EQUIPMENT:** guide shoe w/integral latch-down baffle, 10 centralizers.

**COMMENTS:** circulated 100 sx cement to pit. Deviation – 3/4°

**OPEN-HOLE LOGS:** none

**CASED-HOLE LOGS: GRN-CCL** 

SIGNIFICANT DEPTHS: (log depths measured from-KB @ 2937')

| horizon            | depth | datum    | remarks                         | TECE!       |
|--------------------|-------|----------|---------------------------------|-------------|
| T/Permian          | 765'  | +2172'   |                                 | OCT -VER    |
| T/Cedar Hills      | 1333' | +1604'   |                                 | Ka 182      |
| B/Stone Corral     | 1843' | +1094'   |                                 | 1CC 10 <004 |
| T/Hollenberg       | 2609' | + 328'   | •                               | WICH        |
| T/Herington        | 2638' | + 299' p | perforated 2639'-2647'          | HITA        |
| T/Krider           | 2662' | + 275' j | perforated 2664'-74', 2686'-92' | . ~         |
| T/Winfield         | 2711' | + 226' ] | perforated 2718'-24'            |             |
| Rotary total depth | 2763' | + 174'   |                                 |             |
| Log Total depth    | 2760' | + 177'   |                                 |             |

**PERFORATIONS:** 2639'-2647', 2664'-2674', 2686'-2692', 2718'-2724' (all w/4spf).

ACID TREATMENTS: 3000 gallons 15% FE-MCA acid at average rate of 6 bpm at average pressure of 120#, with maximum pressure of 143#. ISIP was 0# and a vacuum in 5 minutes.

FRACTURE TREATMENTS: 32,704 gallons of 70Q N<sub>2</sub> foam; 60,800# of 16/30 sand. Treated at average rate of 45bpm at an average pressure of 1050#. maximum treating pressure was 1145#.

REMARKS: ran tubing, rods, and pump on 10/03/2004. shut in, waiting on flow test.

Ron Osterbuhr 10/08/2004

| OCATION .                             |   | TIME                                  | COMPANY                  | - MARIA         | AD               | V                                      |                   | ~~4               | 3284                         | 45NE<br>1668                 | 7                           | CALT DATE                                | 09/12/0                     | )4- ^ -         |             |  |  |
|---------------------------------------|---|---------------------------------------|--------------------------|-----------------|------------------|--|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|--|-----------------------------|-----------------|-------------|--|--|
| REGION ISSAA / COUNTRY B              |   |                                       |                          |                 |                  |  |                   |                   |                              | BDA / STATE COUNTY           |                             |  |                             |                 |             |  |  |
| MBU ID / EMPL # HES EMPLOYEE NAME     |   |                                       |                          |                 |                  |  |                   |                   |                              | MC/Ks HASKELL PSI DEPARTMENT |                             |  |                             |                 |             |  |  |
| MCLIO104                              | MCLIO 104 Z1Z1Z3 COMPANY  |                                       |                          |                 |                  |  |                   |                   |                              |                              | Cement CUSTOMER REP / PHONE |  |                             |                 |             |  |  |
| LIBERAL, KS                           | 301   | 01RAMONE 620-391-0411                 |                          |                 |                  |  |                   |                   |                              |                              |                             |  |                             |                 |             |  |  |
| TICKET AMOUNT                         |   |                                       | WELL TYPE<br>01 Oil      |                 |                  |  |                   |                   |                              |                              |                             |  |                             |                 |             |  |  |
| WELL LOCATION SUBLETTE, K             | <u> </u>  | · · · · · · · · · · · · · · · · · · · | DEPARTMENT<br>CEMEN      | T 50            | REAC             | E                                      | Pipe -            |                   | 5AP BOMB NUMBE<br>7521       | R                            | Ce                          | ment Surf                                | ace Cas                     | ing             | 8           |  |  |
| LEASE NAME                            |   |                                       | No. SEC / TWP / RON      | G               | _1               | ······································ |                   |                   | HES FACILITY (CLC<br>LIBERAL | SEST TO WE                   | II SITE)                    | )  |                             |                 |             |  |  |
| WRIGHT                                | VBACIES HAVEA   | <u> 2 2-</u>                          | A 23 - 29S               | - 33 <b>V</b> V |                  | HRS                                    |                   |                   | LIDERAL                      |                              | HRS                         |  |                             |                 | HRS         |  |  |
| HES EMP NAME / EMP#/(E)               | AFUSUKE NUUKS)  | HRS<br>4.8                            |                          |                 |                  |  |                   | *****             |                              |                              |                             |  |                             |                 |             |  |  |
| Pollock , T 106089                    | )   | 4.0                                   |                          |                 |                  |  |                   |                   |                              |                              |                             | -  |                             |                 |             |  |  |
| Torres, J 295373<br>Beastey, J 299920 | <u> </u>  | 3.0                                   |                          |                 |                  | H                                      |                   |                   | ····                         |                              | 十                           |  |                             |                 | $\top$      |  |  |
| H.E.S. UNIT #5/(R/T MILES             |   | R/TMILES                              |                          | ····            | R/1              | MILES                                  |                   |                   |                              | R/TI                         | IILES                       |  |                             |                 | R/T MILES   |  |  |
| 104156                                |   | 60                                    |                          |                 |                  |  |                   |                   |                              |                              | -                           |  |                             |                 |             |  |  |
| 10011407-1<br>10011406-1              |   | 60<br>30                              |                          |                 |                  |  |                   |                   |                              |                              | $\dashv$                    |  |                             |                 |             |  |  |
| 10011392-1                            |   | 30                                    |                          |                 | 工                |  |                   |                   |                              |                              |                             |  |                             |                 |             |  |  |
| Form. Name                            |   | Typ                                   | e:                       |                 | r                | 102                                    | led Out           |                   | IOn Locatio                  | <u>n</u>                     | Joh !                       | Started                                  | Joh                         | Comple          | eted        |  |  |
| Form. Thickness Packer Type           | 5   | From Set                              |                          |                 | Date             | امما                                   | 9/12/200          | )4                | 9/12/2                       |                              | 9                           | 712/2004                                 |                             | 9/12/20         | 04          |  |  |
| Bottom Hole Ter                       | mp.   |                                       | ssure<br>al Depth _      |                 | Time             |  | 1330              |                   | 1900                         |                              | :                           | 2030                                     |                             | 2130            |             |  |  |
| Retainer Depth                        | Fools and   | Accesso                               | ines                     |                 | 111110           |  |                   |                   | Well E                       |                              | 15/14                       |  |                             | TRA             | AP          |  |  |
| Type and                              | I Size<br>INSERT  | Qty                                   | Make<br>HOWCO            | _               | Casing           | 0                                      | New/              | <u>Used</u><br>EW | Weight 24#                   | Size Gr<br>8 5/8             | ade                         | From 0                                   | 836                         | IMax            | Allow       |  |  |
| Float Collar<br>Float Shoe            | FILL UP   | 1                                     | HOWCO                    |                 | Liner            | ×                                      | ,,,,              |                   |                              |                              |                             |  |                             |                 |             |  |  |
| Centralizers                          | S-4   | 3                                     | HOWCO                    |                 | Liner<br>Tubin   |  |                   |                   |                              |                              | $\dashv$                    |  |                             | -               |             |  |  |
| Top Plug<br>HEAD                      | WOODEN<br>PC  |                                       | HOWCO                    |                 | Drill P          |  | _                 |                   |                              |                              | 士                           |  |                             |                 |             |  |  |
| Limit clamp                           |   |                                       | HOWCO                    |                 | Open             | Hole                                   |                   |                   |                              | 12 1/4                       | ·T                          |  | 836                         | Sho             | ots/Ft      |  |  |
| Weld-A<br>Guide Shoe                  |   |                                       | HOWCO                    |                 | Perfor<br>Perfor |  |                   | <del></del>       |                              |                              | _                           |  |                             |                 |             |  |  |
| BTM PLUG                              | Santa S |                                       | HOWCO                    |                 | Derfor           | chion                                  | )e                | #57 <b>%</b> 288  | Operating                    | E AN EASTERNAL               | E 3 ( 1) 3                  | No. (No. and                             | tion of                     | loh             | ASSIDVENS   |  |  |
| Mud Type                              | Materi  | als<br>Density                        | L                        | .b/Gall         | Dat              | te                                     | Hours             |                   | Date<br>9/12                 | <u>Hour</u>                  | s I                         |  | Surface                     |                 |             |  |  |
| Disp. Fluid                           |   | Density                               | Lb L                     | b/Gal           | 9/1              | 2                                      | 3.0               | -                 | 9/12                         | 6.0                          | -                           |  |                             |                 |             |  |  |
| Prop. Type<br>Prop. Type              | Siz   | e                                     | Lb                       |                 |                  |  |                   | ゴ                 |                              |                              | コ                           |  | RA                          |                 |             |  |  |
| Acid Type                             | Ga<br>Ga  | l. <u> </u>                           | %                        |                 |                  |  |                   | -                 |                              |                              | $\dashv$                    |  | $\frac{1}{\Omega_{\Omega}}$ | EIV             |             |  |  |
| Acid Type Surfactant                  | Ga  | i. <u> </u>                           | In                       |                 |                  |  |                   |                   |                              |                              |                             |  | <u> </u>                    | 0               | <b>3</b> 0_ |  |  |
| NE Agent                              | Ga  | 1.<br>VLb                             | In In                    |                 | <u> </u>         |  |                   | -                 | <b></b>                      |                              | $\dashv$                    | <del>-Ke</del>                           | ${\alpha}$                  | o zuni          |             |  |  |
| Fluid Loss<br>Gelling Agent           |   | i/Lb                                  | in                       |                 |                  |  |                   |                   |                              |                              |                             |  | - VVI                       | ~ <i>~</i>      |             |  |  |
| Fric. Red.                            | Ga  | VLb                                   | In                       |                 | Total            | SOM N                                  | 3.0               | 7                 | Total                        | 6.0                          | $\dashv$                    |  | OCT 1                       | 14/7            | 1           |  |  |
| Breaker<br>Blocking Agent             |   |                                       | /Lb                      |                 |                  | VIII.                                  |                   |                   |                              |                              |                             |  |                             |                 |             |  |  |
| Perfpac Balls                         |   | Qty                                   |                          |                 | Order            | <b>a</b> d                             |                   |                   | Hydraulio<br>Avail.          | Horse                        | owe.                        | I∭<br>Use                                | ed                          |                 |             |  |  |
| Other                                 |   |                                       |                          |                 |                  |  | <del></del>       |                   | Average                      | Rates in                     | BPN                         | i i                                      | <u> </u>                    |                 |             |  |  |
| Other                                 |   |                                       |                          |                 | Treati           | ng                                     |                   | <del></del>       | Disp.<br>Cemen               | Left in                      | Pipe                        | Overall                                  |                             |                 | ·           |  |  |
| Other                                 |   | <del></del>                           |                          |                 | Feet             | 21                                     |                   |                   | Reason                       | - Stend                      |                             |  | E JOIN                      | <u> </u>        |             |  |  |
|                                       |   |                                       |                          |                 |                  |  |                   |                   |                              | arganetrico.                 |                             | - 100 Mar 2 (market - 170)               | ranjus kare                 |                 | TORVETER    |  |  |
| Stage Sacks                           | Cement  | Bulk/S                                |                          | spins tea       | C<br>Additiv     |  | nt Data           | TSEEL ST          | www.persys                   | ANTENNA P                    |                             | I W/Ro                                   | . Yie                       | eld Lt          | os/Gal      |  |  |
| 1 270                                 | HLC PP  | DuiNe                                 | 3% CC - 1                | 1/2# FLOC       | ELE              | <del></del>                            |                   |                   |                              |                              |                             | 11.41                                    | 2.0                         | 6 1             | 2.30        |  |  |
|                                       | PREM PLUS   |                                       | 2% CC - 1                | 1/4# FLOC       | ELE              |  |                   |                   |                              |                              |                             | 6.30                                     | 1.3                         | 1               | 4.80        |  |  |
| 3 4                                   |   | <b>-</b>                              |                          |                 |                  |  |                   |                   |                              |                              |                             |  |                             | 二二              |             |  |  |
|                                       |   |                                       |                          |                 |                  | 2-72-2-2-                              |                   |                   | e en macre e dans como como  | residence de                 |                             | 25-15-1-10-5-10-5-10-5-10-5-10-5-10-5-10 | 529 37385W367               | S S 4 1 1 7 4 1 |             |  |  |
| Circulating                           |   |                                       | placement                |                 | ુ∵ે Si           | mm                                     | Preflush          | :                 | BBI                          | 110000000                    | somi                        | Type:                                    |                             |                 |             |  |  |
| Breakdown                             | <del></del>   | MA                                    | XIMUM _                  |                 |                  |  | Load &            | Bkdn:             | Gal - BBI                    |                              |                             | Pad:Bb                                   |                             |                 |             |  |  |
| Lost Returns-\_<br>Cmt Rtm#Bbl        |   |                                       | st Returns-1<br>tual TOC |                 |                  |  | Excess /          | C:                |                              |                              |                             | Actual                                   | Disp.                       | 5               | 2           |  |  |
| Average                               |   | Fra                                   | c. Gradient              | 15 Mir          | 1                |  | Treatme<br>Cement |                   | Gal - BBI                    | 12                           | <b>93</b> 0                 | Disp:Bl                                  | oi .                        |                 |             |  |  |
| Shut In: Instant                      |   |                                       |                          |                 |                  |  | Total Vo          | lume              | BBI                          | 181                          | 1.00                        |  |                             |                 |             |  |  |
| THE FINE #                            |   |                                       |                          |                 |                  |  | )  Files          | Rung              | <b>3.5</b>                   | W. 1984                      |                             | Frac Ring                                | #4                          | 640A970         |             |  |  |
| •                                     | RMATION S   |                                       |                          | s corr          | ECT              | 01                                     | 1= 1-             |                   | Drivi                        | . 10                         | ۸:۵                         | #8                                       | c                           | ولدراة          | 4           |  |  |
| CUSTOME                               | R REPRES  | ENTA                                  | rive                     |                 |                  | <u> </u>                               | FYEN              | ~ ~ ~             | SIGNATURE                    |                              | 714                         | <u>, o</u>                               |                             | 11.             | <u></u>     |  |  |
| Inc.                                  |   |                                       |                          |                 |                  | _                                      |                   |                   |                              |                              |                             |  |                             |                 |             |  |  |

| HALL                                   | .IBU                          | RTC      | N JC                                    | B LOG   |                      |   | 3284668  | 09/12/04                               |                |  |  |  |
|--|-------------------------------|----------|---|---|----------------------|---|--|--|----------------|--|--|--|
| REGION<br>Central Or                   | orations                      |          | Mid Co                                  |   | BDA / STATE<br>MC/Ks | COUNTY<br>HASKELL                         |  |  |                |  |  |  |
| MBU ID / EMPL#                         |                               |          | H.E.S EMPLO                             | YEE NAME  |                      | PSL DEPARTMENT Cement                     |  |  |                |  |  |  |
| MCLIO104<br>LOCATION                   | MCLIO104 212723 JERRAKO EVANS |          |   |   |                      |   |  |  |                |  |  |  |
| LIBERAL,                               | KS                            |          | CHEYE                                   | NNE DRIL  | LING                 |   | RAMONE   | 620-391-0411                           | 1              |  |  |  |
|  |                               |          |   | 01  | Oil                  |   |  |  |                |  |  |  |
| WELL LOCATION SUBLETT                  | E. KS                         |          | CEME                                    |   | EACE A               | A: AS PURPOSE CODE  Cement Surface Casing |  |  |                |  |  |  |
| EASE NAME<br>WRIGHT                    | <u> </u>                      | Well No. | SEC/TWP/R<br>23 - 295                   | NG  |                      |   | LIBERAL  | WELLS                                  |                |  |  |  |
| ES EMP NAME/EMP # (E                   | XPOSURE HOURS)                |          | SEMPNAME/EMP#                           | A 100 Sept. 100 | HRSDES EAP           | Namedop # (EXPOS                          | the same of the sa | RSIDES EMP NAME/EMP & (EXPOSURE HOURS) | HR             |  |  |  |
| Evans, J 21                            | 2723                          | 4        |   |   |                      |   |  |  |                |  |  |  |
| Pollock , T                            | 106089                        | 4        |   |   |                      |   |  |  | _              |  |  |  |
| Forres, J 29                           | حجينات والمراجع والمراجع      | 3        |   |   |                      |   |  | <u> </u>                               |                |  |  |  |
| Beasley, J                             | 299920                        | 3        |   |   |                      |   |  |  | द्भार<br>द्वार |  |  |  |
|  |                               | Rate     |   |   |                      |   | LAN  | escription / Remarks                   |                |  |  |  |
| Chart<br>No.                           | Tarre                         |          | /ourse B                                | and the second second   | e (PSI):             | 4   | 3000   |  | 61.1<br>61.9   |  |  |  |
| ive.                                   | 1330                          | (BPM)    | (B) | ez csc  | Tog                  | CALLED                                    | OUT FOR JOB  |  | 200            |  |  |  |
|  | 1900                          |          |   |   | 1                    | JOB REA                                   |  |  |                |  |  |  |
|  | 1530                          |          |   |   |                      |   | P SAFETY MEETING   |  |                |  |  |  |
|  | 1630                          |          |   |   |                      | PTONL                                     | OCATION/ JOB SITE  | ASSESMENT                              |                |  |  |  |
|  | 1645                          |          |   |   |                      | RIG UP 1                                  | rrucks   |  |                |  |  |  |
|  |                               |          |   |   |                      |   | L DRILLING   |  |                |  |  |  |
|  | 1900                          |          |   |   | +                    |   | CUNNING CASING &   |  | _              |  |  |  |
| <u> </u>                               | 2015                          |          | <del></del>                             |   | +                    |   | ON BOTTOM (836 F   | CIRC WITH RIG PUMP                     |                |  |  |  |
|  | 2020                          |          |   |   | 1                    | HOOK                                      |  |  |                |  |  |  |
|  | 2035                          |          |   | 1700  | 1                    | TEST LI                                   |  |  |                |  |  |  |
|  | 2037                          | 5.3      | 99.0                                    | 70  |                      | START                                     | HIXING LEAD CMT (  | @12.3# (270 SX HLC PP)                 |                |  |  |  |
|  | 2055                          | 6.0      | 30.0                                    | 80  | , 1                  |   | MIXING TAIL CHIT @   | 14.8# (125 SX PP)                      |                |  |  |  |
|  |                               |          |   |   |                      |   | OWN / DROP PLUG  |  | -              |  |  |  |
|  | 2102                          | 6.0      | 0-                                      | 200   | <b>.</b>             |   | DISP WITH FRESH W  |  |                |  |  |  |
|  | 2114                          | 2.0      | 42.0                                    | 230   | +                    | SLOW R                                    | ATE 10 BBLS LEFT   | UN DISP                                |                |  |  |  |
|  | 2119<br>2220                  | 2.0      | 52.0                                    | 600   | +                    |   | E FLOAT HELD   |  |                |  |  |  |
|  | 2220                          |          |   |   |                      | 100000                                    |  |  |                |  |  |  |
|  |                               |          | 45.0                                    |   |                      | CIRC CN                                   | ET TO PIT  |  | _              |  |  |  |
|  |                               |          |   |   |                      | CIRC 12                                   | 3 SX CMT   |  |                |  |  |  |
|  |                               |          |   |   |                      |   |  | SFOEW.                                 |                |  |  |  |
|  |                               |          |   |   |                      |   |  | -VEIVED                                |                |  |  |  |
| <del> </del>                           | <b> </b>                      |          |   |   | <del> </del>         |   | 0  | UT 1 8 200%                            |                |  |  |  |
| ······································ | -                             |          | <del>  </del>                           |   |                      | +   | KO   | <u> </u>                               | -              |  |  |  |
|  | <del>  </del>                 |          |   |   | 1                    | 1   |  | RECEIVED<br>CI 18 2004<br>C WICHITA    |                |  |  |  |
|  | <b>†</b>                      |          |   |   |                      |   |  |  | _              |  |  |  |
|  |                               |          |   |   |                      |   |  |  | _              |  |  |  |
|  |                               |          |   |   |                      |   |  |  |                |  |  |  |
|  |                               |          |   |   |                      |   |  |  |                |  |  |  |
|  |                               |          |   |   | <del> </del>         | THE PARTY                                 | FOR CALLING HAI  | I IDIIDTOM                             |                |  |  |  |
|  | <del>  </del>                 |          |   |   | +                    |   | O & CREW   | TIDUNION                               | _              |  |  |  |
| <del> </del>                           | <del> </del>                  | <b> </b> |   |   | +                    | - scaroa                                  | O O VILLE  |  |                |  |  |  |

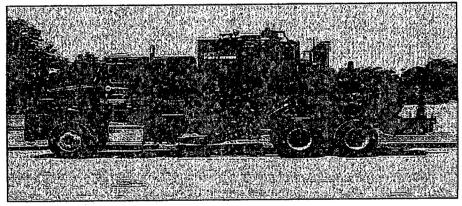
(

**3**.:

### **CHEYENNE DRILLING**

### **WRIGHT**

2-A
API Well No.:
15-081-21543
State
MC/Ks
County
HASKELL



**Cement Production Casing** 

5 1/2

Customer Representative: TP - PHIL LOYD Halliburton Operator: Scott Green Ticket No.: 3284525 RECEIVED

OCT 18 2004

KCC WICHITA

# HALLIBURTON

| ,                             |   |  |               | <u> </u>                                | 1111         | ZAR                     | <u>I</u> _ |   |  | 84525  |                  | ·                      | 09/13/04          | 4                                     |  |  |
|-------------------------------|---|--|---------------|---|--------------|-------------------------|------------|---|--|--|------------------|------------------------|-------------------|---------------------------------------|--|--|
| al Operations Mid Contitnent/ |   |  |               |   |              |                         |            |   | BOA / STATE                                      |  |                  |                        | COUNTY<br>HASKELL |                                       |  |  |
| MPL # > H.E.S. EMPLOYEE NAME  |   |  |               |   |              |                         |            |   | PSL DEPARTMENT                                   |  |                  |                        |                   |                                       |  |  |
| <u> 10101</u>                 | <u>301261</u>                                 |  |               | Scott Gree                              |              | Cement                  |            |   |  |  |                  |                        |                   |                                       |  |  |
| BERAL                         |   |  |               | CHEYENA                                 | RILLIN       | G                       |            | CUSTOMER REP / PHONE  TP - PHIL LOYD 620-391-0411 |  |  |                  |                        |                   |                                       |  |  |
| CKET AMOUNT                   | <del></del>                                   |  |               | WELL TYPE                               |              | API/LWI #               |            |   |  |  |                  |                        |                   |                                       |  |  |
| \$12,500.16<br>WELL LOCATION  |   |  |               |   |              |                         |            |   |  |  |                  |                        |                   |                                       |  |  |
| Sublette, K                   | Če.   |  | •             | Cement                                  |              | 00000                   | . د        | N Pipe  | 7523   | BER  | Ce               | ement Proc             | duction Ca        | asing 😽                               |  |  |
| LEASE NAME                    |   | ĪW   | ell No.       | SEC / TWP / RING                        |              |                         | -110       | O PIPC  | HES FACILITY (C                                  | LOSEST TO W                                      | ELL ST           | É)                     |                   | 1583                                  |  |  |
| WRIGHT                        |   |  | 2-A           | <u> 23 - 298 -</u>                      | <u>33W</u>   | ·                       |            |   | Liberal  | Ks   |                  |                        |                   | <u>:</u>                              |  |  |
| HES EMP NAME / EMP            | # / (EXPOSURE HOURS)                          | HR   | s             |   |              |                         | HRS        |   |  |  | HRS              |                        |                   | HRS                                   |  |  |
| Green, S 3012                 |   | 8.   | o Tor         | res, J 295373                           |              |                         | 5.0        |   |  |  |                  |                        |                   |                                       |  |  |
| Smith, B 1060                 |   | 8.0  |               | ·                                       |              |                         |            |   |  |  |                  |                        |                   |                                       |  |  |
| Archuleta, M                  |   | 4.0  |               |   |              |                         |            |   |  |  |                  |                        |                   |                                       |  |  |
| Heston, H 318                 |   | 4.0  |               |   |              |                         |            | <u> </u>  |  |  |                  |                        |                   |                                       |  |  |
| H.E.S. UNIT #S/(R/T           |   | R/TMIL   |               | ****                                    |              |                         | MILES      |   |  | R/T  | MILES            |                        |                   | R/TMILE                               |  |  |
|                               | 547695<br>251401                              | 60   | 171           | 0010758 / 10                            | :דרטו        | 90 .                    | 30         | ļ   | <del></del>                                      | <del>i</del>                                     | _                |                        |                   |                                       |  |  |
|                               | 8 / 10011278                                  | 30   | +-            |   |              |                         |            |   |  |  |                  | <del></del>            | <del></del>       |                                       |  |  |
| 1024000                       | 37 10011270                                   | 1 30   | +             | <del></del>                             |              | <del></del>             |            |   |  | <u> </u>   | _                |                        |                   |                                       |  |  |
| Form. Name                    |   | <u>.</u>   | ype:          |   | CAT          | سايت                    |            |   | <del>,                                    </del> |  |                  |                        |                   |                                       |  |  |
| Form. Thickn                  | ess   | From   |               | To                                      | _            |                         | lCa        | led Out   | On Locati  | ΩD.  | lah              | Started                | Lioh C            | ompleted                              |  |  |
| Packer Type                   |   | S  | et At         |   | _            | Date                    | لمح        | 9/13/2004   | 9/13/2   | 2004   | 200              | 9/13/2004              | 9/                | 13/2004                               |  |  |
| Bottom Hole                   |   |  | ressu         |   |              |                         | l          |   |  |  | l                |                        |                   |                                       |  |  |
| Retainer Dep                  | in  | T  | otal D        | epth 2,76                               | 2'<br>       | Time                    | ar nesee   | 1630  | 1930   |  |                  | 2300                   |                   | 355                                   |  |  |
| Type                          | Tools and and Size                            | Acces<br>Qtv                                     |               | Make                                    |              | CONTRACTOR OF THE PARTY | in in      |   |  | Data   | Wievs            |                        |                   | nadelseas                             |  |  |
| LD Baffle                     | 5 1/2"  | 1  | Hov           |   |              | Casing                  |            | New/Used<br>New                                   | 14.0#  | Size G   | rade             | From<br>0              | To 2764           | Max. Allow                            |  |  |
| Float Shoe                    | V 0,5   | <del>                                     </del> | Hov           |   | -            | Liner                   | <u> </u>   | IACAA   | 14.01  | 3 1/2  |                  |                        | 2,764             | · · · · · · · · · · · · · · · · · · · |  |  |
| Centralizers                  | 5 1/2"X7 7/8"                                 | 10   | Hov           |   | -            | Liner                   |            |   | <del>                                     </del> | <del>                                     </del> |                  |                        | <del></del>       | <del> </del>                          |  |  |
| LD Plug                       | 3W 5 1/2"                                     | 1  | Hov           | VEO                                     | 7            | Tubing                  | ı          |   | 1  | 1  |                  |                        | <del></del>       | †                                     |  |  |
| HEAD                          | 5 1/2"  | 1  | Hov           | ACO                                     | ]            | Drift Pi                |            |   |  | 1  | _                |                        |                   | 1                                     |  |  |
| Limit clamp                   |   |  | Hov           |   |              | Open I                  |            |   |  | 77/8   |                  | 840                    | 2,762             | Shots/Ft.                             |  |  |
| Weld-A                        | F 4 (0.7)                                     | 1 1  | Hov           |   | _            | Perfora                 | ation      | S   |  |  |                  |                        |                   |                                       |  |  |
| Guide Shoe<br>BTM PLUG        | 5 1/2"  | 1_1  | How           |   |              | Perfora<br>Perfora      | ation      | <u>s</u>  | · · · · · · · · · · · · · · · · · · ·            | <b> </b>   |                  |                        | <del> </del>      | <b></b>                               |  |  |
|                               | via de la |  | TAX SO        |   | 150.50       | Hours                   | OAL        | s<br>ecation                                      | Charatina  | 1961 mg/s  | 3388484          | Decem                  | from of top       |                                       |  |  |
| Mud Type                      |   | Densit   | ٧             | Lb/G                                    | al           | Date                    | اع         | Hours<br>5.0                                      | Date 9/13  | Hour   | S.               |                        |                   |                                       |  |  |
| Disp. Fluid                   |   | Densi  | tv            | Lb/G                                    | al           | 9/13                    |            |   | 9/13   | 1.5  |                  | Censent                | Production        | n Casing                              |  |  |
| Prop. Type<br>Prop. Type      | Siz<br>Siz                                    |  |               | LbLb                                    | -            | 9/14                    | •          | 1.0   | 9/14   | 6  | _                | •                      |                   |                                       |  |  |
| Acid Type                     | Ga  |  |               | %                                       | -            |                         |            |   |  | <del> </del>                                     |                  |                        | REC               |                                       |  |  |
| Acid Type                     | Ga  |  |               | <b>%</b> ——                             | 7            | <b></b>                 |            |   |  | <del> </del>                                     | $\dashv$         | <del></del>            | 700               | FIVED                                 |  |  |
| Surfactant                    | Ga  |  |               | In                                      | コ            |                         |            |   |  |  |                  |                        |                   |                                       |  |  |
| NE Agent<br>Fluid Loss        | Ga  |  |               | <u>ln</u>                               | 4            | <u> </u>                |            |   |  |  |                  | 1/2                    | e <sub>WiC</sub>  | 20                                    |  |  |
| Gelling Agent                 | Ga  | VLb<br>VLb                                       |               | in<br>In                                |              | <u></u>                 |            |   |  | <del> </del>                                     |                  | ,1C                    | $\Omega_{Ia}$     | <00/4                                 |  |  |
| Fric. Red.                    |   | /Lb  |               | in                                      | ┥            |                         |            |   |  | <del> </del>                                     |                  |                        |                   | 7                                     |  |  |
| Breaker                       | Ga  | /Lb  |               | in                                      | 7            | Total                   | 328        | 6.0   | Total  | 1.5  |                  |                        | <u> </u>          | 7/7                                   |  |  |
| Blocking Age                  | nt  |  | al/Lb_        |   | ]            | MALKEL STA              |            |   |  |  |                  |                        | ~                 |                                       |  |  |
| Perfpac Balls                 |   | Q1   | у.            |   | _            |                         | _          |   | Hydrauko   | Horsep   | ower             |                        |                   |                                       |  |  |
| Other                         | <del></del>                                   |  |               |   | -            | <u>Ordere</u>           | <u>d</u>   |   | Avail.   |  |                  | Use                    | <u>d</u>          | . :<br>                               |  |  |
| Other                         |   |  |               |   | -            | Treatin                 | a          |   | Average Disp.                                    | Kates in   | RKW              | Overali                |                   |                                       |  |  |
| Other                         | ······································        |  |               | <del></del>                             | 7            | 110001                  | <u> </u>   |   | Cemen  | l eff in F                                       | Pine.            |                        | <del></del>       |                                       |  |  |
| Other                         |   |  |               |   | 7            | Feet                    |            |   | Reason   | · Loccinia                                       |                  | <u>ජාත්</u> .          |                   |                                       |  |  |
|                               |   |  |               | *************************************** | _            |                         |            | - · · · · · · · · · · · · · · · · · · ·           |  |  |                  | <del></del>            | <del></del>       |                                       |  |  |
| 2/60208/65/2                  |   | KALINI.  | V A X         | 8.7.010TUS                              |              | . √Ce                   | men        | KData (Cont.                                      |  |  |                  | \$1.00mm               |                   |                                       |  |  |
| Stage Sacks                   | Cement  | Bulk/  | Sks           |   |              | Additive                |            |   |  | ********   |                  | W/Rq.                  | Yield             | Lbs/Gal                               |  |  |
| 1 370<br>2 125                | HLC PP  |  |               | 1/4# FLOCELI                            |              |                         |            |   |  |  |                  | 11.28                  | 2.02              | 12.30                                 |  |  |
| 3 125                         | PREM PLUS                                     |  |               | .6% HALAD-3                             | 2 - 1/       | 4# FLOC                 | ELE        |   | <del></del>                                      |  |                  | 6.30                   | 1.32              | 14.80                                 |  |  |
| 4                             |   |  |               | **************************************  | <del>,</del> |                         |            |   | <del></del>                                      | <del></del>                                      |                  |                        |                   | <b> </b>                              |  |  |
|                               |   | ···  | $\dashv$      |   |              |                         | · (        |   | ····   |  |                  |                        |                   | <b> </b>                              |  |  |
| Mark Market Street            |   | N NAME   | 9.917 S.      | S. E. A. S. POPERTURE                   | <b>STATE</b> | A COLOR COLOR           | 0,000      | en e          | (1979) ANDRESSE                                  | (1988) Jane                                      | PA-N             | I<br>Viggiesia etani   | in processor      | SANSARSIMA                            |  |  |
| Circulating                   |   | Die  | splace        | ement                                   | Lizeri       |                         | part C     | Preflush.   | BBI  | 10.0   |                  | Type:                  |                   | ter                                   |  |  |
| Breakdown                     |   | M  | MIXA          | UM                                      |              |                         |            | Load & Bkdn:                                      | Gal - BBI  |  | · <del>I.,</del> | Pad:Bbl                | -Gal              |                                       |  |  |
| Lost Returns-                 |   | ŗo   | st Re         | turns-l                                 |              |                         |            | Excess /Retur                                     | n BBI  |  |                  | Calc.Dis               | p Bbl             | 67.A                                  |  |  |
| Cmt Rtrn#Bbl<br>Average       |   |  | tual T        | OC<br>radient                           | Si           | urface                  |            | Calc. TOC:<br>Treatment:                          | Cal DDI  | 5,26   | 6'               | _Actual D              | ISD.              | 67                                    |  |  |
| Shut in: Instar               | nt  | 5  | <b>din.</b> _ |   | Min          |                         |            | i reaument<br>Cement Slurry                       | Gal - BBI<br>BBI                                 |  |                  | Disp:Bbl<br>LS - 133 / | TS - 29           |                                       |  |  |
|                               |   |  | _             |   |              |                         |            | Total Volume                                      | RRI '  | 239.   | 60               |                        |                   |                                       |  |  |
| Eccumu                        | <b>1</b> 15/2027/03/03                        |  | Free          | : King #7                               | NO.          | 1-10170000              | <b>洲村</b>  | Frac Ring   | A STREET   | 11/5/11/87                                       | <b>IF</b>        | rac Rina f             | 4                 |                                       |  |  |
| THE INF                       | ORMATION S'                                   | TATE   | D HE          | REIN IS CO                              | RR           | ECT                     |            |   |  |  |                  |                        |                   |                                       |  |  |
|                               | ER REPRESE                                    |  |               |   |              | <del>-</del>            |            |   |  |  |                  |                        |                   | 1                                     |  |  |
|                               |   |  |               |   |              |                         |            |   | SIGNATURE  |  |                  |                        |                   | 1                                     |  |  |

|                                       |                      |              |                       |                    | ,                 |                          |              |                |                 |   |   |                              |
|---------------------------------------|----------------------|--------------|-----------------------|--------------------|-------------------|--------------------------|--------------|----------------|-----------------|---|---|------------------------------|
| •                                     |                      |              |                       |                    |                   |                          |              |                |                 |   |   |                              |
| , , , , , , , , , , , , , , , , , , , |                      |              |                       | *                  | .4+               | •                        |              |                |                 |   |   |                              |
| HALL                                  |                      | 7            | <b>-</b>              | na.                | IOP               | LOG                      |              |                |                 | TICKET#   | TICKET DATE 09/13/04                    | ····                         |
| REGION                                |                      | 15-19        | J 46                  | MWA/CO             |                   | rog                      |              | 1              |                 | 3284525<br>BDA / STATE                            | COUNTY                                  |                              |
| Central O                             | perations            | 5            |                       | Mid                | Conti             | ment/US                  | A            |                |                 | MC/Ks   | HASKELL                                 |                              |
| MBU ID / EMPL# MCLI0101               | 3                    | 30126        | 1                     |                    | PLOYEEN<br>t Gree |                          |              |                |                 | PSL DEPARTMENT  Cement                            |   |                              |
| LOCATION<br>LIBERAL                   |                      |              |                       | COMPAN             | <i></i>           | E DRILL                  | 101          |                |                 | CUSTOMER REP / PHONE TP - PHIL LOY                | D 620.1                                 | 91-0411                      |
| TICKET AMOUNT                         |                      |              |                       | WELL TY            |                   |                          |              | \ <del>3</del> |                 | API/UWI#  | 0205                                    | 31-0411                      |
| \$12,500.16<br>WELL LOCATION          | <u> </u>             |              |                       | DEPARTM            | ENT               | 01 C                     | Dil          | <del> </del>   | <u> </u>        | 15-081-21543<br>JOB PURPOSE CODE                  |   |                              |
| Sublette, i                           | <b>Ks</b>            |              |                       | Cem                | ent               | PROD                     | υC           | nov            | Pipe            | Cemer   | nt Production Casi                      | ng                           |
| LEASE NAME<br>WRIGHT                  |                      |              | 11 No.<br><b>2-</b> 4 |                    | 95 - 3            | 3W                       |              |                | <i>,</i>        | HES FACILITY (CLOSEST TO V                        | NELL S                                  |                              |
| HES EMP NAME/EMP # (E)                | <del>7-1-2-2-2</del> |              | HRS                   | HES EMP NAME/EM    |                   |                          | HRS          | ES EMP N       | MEADAP # (EXPOS | REHOURS) HR                                       | SPES EMP NAME/EMP # (EXPOSURE HO        | RS) HRS                      |
| Green, S 30                           |                      |              | В                     | Torres, .          | J 2953            | 73                       | S            |                | )               |   |   |                              |
| Smith, B 10                           |                      |              | 6                     |                    |                   |                          | Ц            | <u> </u>       | <b>)</b>        |   | <u> </u>                                |                              |
| Archuleta,                            |                      |              | ٢                     | <b></b>            |                   |                          | Ц            |                |                 |   |   |                              |
| Heston, H 3                           | 318412               | SQULWE BY    | 4                     | Nephrania (Ne      | egi, pile 100     | Azeroakilaken            | 3,238        | 120000         | ing passages    |   |   | CERTACULARIA SANCA           |
| Chart                                 | Time                 | Rai          | ė                     | Volume             | 9-4-              | Press                    | <b>//D</b>   |                |                 |   | scription / Remark                      |                              |
| No.                                   |                      | ESPM         |                       | CELICAL)           | -N2               | cse                      |              |                |                 |   |   |                              |
|                                       | 1630                 |              | omach                 | No.                |                   | 100 mg - 100 mg - 100 mg |              |                | Called for      | r job   | rome to first rate W. a. (MITTER 1818). | TE Prop. Section 1984 (1984) |
|                                       | 1700                 |              |                       |                    |                   | <u> </u>                 | T            | <u> </u>       |                 | afety meeting                                     |   |                              |
|                                       | 1930                 |              |                       |                    |                   |                          |              |                |                 |   | b site assessment, mo                   | ve                           |
|                                       |                      |              |                       |                    |                   |                          |              |                | Halliburt       | on unit on & r/u sam                              | e. Rig TOOH w/- DP &                    | BHA                          |
|                                       | 2000                 |              |                       |                    |                   |                          |              |                | Bulk truc       | ks on locn, safety m                              | tg w/- drivers, spot &                  | r/u                          |
|                                       | 2030                 |              |                       |                    |                   |                          |              |                | Rig-up to       | run casing  |   | ·                            |
|                                       | 2100                 |              |                       |                    |                   |                          |              | <u> </u>       |                 | IH w/- 5 1/2" 15.5# c                             | asing                                   |                              |
| - Tari ( )                            | 2230                 | ್ಷ-೧೯೯೪ ನಿರ್ |                       | N. L.S. R. PRESENT |                   |                          |              | (35m) -7       |                 | setting depth                                     |   |                              |
|                                       | 2240                 |              |                       |                    |                   |                          | _            | <del> </del>   |                 | ment head / Break c                               | irculation                              |                              |
|                                       | 2255                 |              |                       |                    |                   |                          | <del> </del> | 000            | Safety m        |   |   |                              |
|                                       | 2306<br>2307         | 5.6          |                       | ·····              |                   | 130                      | -            | 700            | Pressure        | ump spacer  |   |                              |
|                                       | 2309                 | 6.8          |                       | 10.0               |                   | 200/125                  | $\vdash$     | <u> </u>       |                 | ing 370sx lead slurry                             | <i>a</i> 12.3#                          |                              |
|                                       | 2327                 | 6.5          | _                     | 133.0              |                   | 125/225                  | <b> </b>     | 1              |                 | ing 125sx tail slurry                             |   |                              |
|                                       | 2332                 |              |                       | 29.0               |                   |                          |              |                | Stop pur        |   | <del></del>                             |                              |
|                                       | 2333                 |              |                       |                    |                   |                          |              |                | Clean pu        | mps & lines                                       |   |                              |
|                                       | 2336                 |              |                       |                    |                   |                          |              |                | Drop late       | h down plug                                       |   |                              |
|                                       | 2338                 | 7.0          |                       |                    |                   | 70                       |              |                |                 | isplace w/- water                                 |   |                              |
|                                       | 2340                 | 7.0          |                       | 10.0               |                   | 100                      | <u> </u>     | <u> </u>       |                 | nent reached cemen                                | t                                       |                              |
| <u> </u>                              | 2346                 | 2.0          | }                     | 55.0               |                   | 700/550                  | <u> </u>     | <b>}</b>       | Slow rate       | <del></del>                                       |   |                              |
| <b> </b>                              | 2353<br>2354         |              |                       | 67.4               |                   | 750/1200                 | <u> </u>     | <u> </u>       | Latch plu       | g<br>/ Confirm plug latch                         | ad .                                    |                              |
|                                       | 2355                 |              |                       |                    |                   |                          | <del> </del> | -              | <del></del>     | 35bbl good cement                                 |   |                              |
|                                       |                      |              |                       |                    |                   |                          | _            | 1              |                 | Soon seinelit                                     |   |                              |
|                                       |                      |              | _                     |                    |                   |                          |              |                |                 |   |   |                              |
|                                       | ·                    |              |                       |                    |                   |                          |              |                | Thanks fo       | or calling Halliburton                            | , Liberal                               |                              |
|                                       |                      |              |                       |                    |                   |                          |              |                | Scott & C       | rew   |   |                              |
|                                       |                      |              |                       |                    |                   |                          |              |                |                 |   |   |                              |
|                                       |                      |              |                       |                    |                   |                          | L            | <u> </u>       |                 |   |   | eren die                     |
|                                       |                      |              |                       |                    |                   |                          | <u> </u>     |                |                 | <del>, ,, , , , , , , , , , , , , , , , , ,</del> |   |                              |
| ļ                                     |                      |              |                       |                    |                   |                          | <u> </u>     | <u> </u>       | REC             | 5/1/5   |   |                              |
|                                       |                      |              |                       |                    | <u> </u>          |                          | $\vdash$     | \              | 705             | IVED  |   |                              |
|                                       |                      |              |                       | -                  |                   |                          | <del> </del> | \              | $\mu_{I_{1}}$   | EIVED<br>2004<br>CHITA                            |   |                              |
|                                       |                      | <u> </u>     |                       | ···                |                   |                          | -            | Kr             |                 | . Kniiė   |   |                              |
|                                       |                      |              |                       |                    |                   |                          | <del> </del> | \ <u>````</u>  | r- W/10         | CHITA   |   |                              |
|                                       |                      |              |                       |                    |                   |                          | -            | <u> </u>       |                 |   |   |                              |
|                                       |                      |              |                       | K                  |                   |                          |              |                |                 |   |   |                              |

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