

FORM MUST BE TYPED

**CONFIDENTIAL**

SIDE ONE

**ORIGINAL**

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

API No. 15- 175-21571-0000

County SEWARD

SE - SW Sec. 33 Twp. 33 Rge. 34 X E  
W

660 Feet from X(S) (circle one) Line of Section

1980 Feet from X(W) (circle one) Line of Section

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

Lease Name NIX "K" Well # 1

Field Name SHUCK

Producing Formation MORROW

Elevation: Ground 2920.0 KB --

Total Depth 6550 PBDT 6184

Amount of Surface Pipe Set and Cemented at 1698 Feet

Multiple Stage Cementing Collar Used? X Yes      No

If yes, show depth set 3109 Feet

If Alternate II completion, cement circulated from     

feet depth to      w/      sx cmt.

Drilling Fluid Management Plan Att. 1, 10-5-98 etc.  
(Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 700 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal if hauled offsite:     

Operator Name     

Lease Name      License No.     

     Quarter Sec.      Twp.      S Rng.      E/W

County      Docket No.     

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: CHEYENNE DRILLING

License: 5382

Wellsite Geologist: N/A

Designate Type of Completion

X New Well      Re-Entry      Workover

     Oil      SWD      SIOW      Temp. Abd.

X Gas      ENHR      SIGW

     Dry      Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:     

Well Name: OCT 15 1998

Comp. Date      Old Total Depth     

     Deepening      Re-perf.      Conv. to Inj/SWD

     Plug Back      PBDT

     Commingled      Docket No.     

     Dual Completion      Docket No.     

     Other (SWD or Inj?)      Docket No.     

10-4-96 10-13-96 11-1-96  
Spud Date Date Reached TD Completion Date

**RELEASED**

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**DEC 18**

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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 on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature David W. Kapple

DAVID W. KAPPLE

Title DIVISION DRILLING ENGINEER Date 12/17/96

Subscribed and sworn to before me this 17th day of December 19 96.

Notary Public L. Marc Harvey

**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appl. Expires 4-12-99

Date Commission Expires     

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

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name NIX "uk" Well # 1

Sec. 33 Twp. 33 Rge. 34  East County SEWARD  
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

| Drill Stem Tests Taken (Attach Additional Sheets.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>List All E.Logs Run: SBT-CCL-GR, DIL, CNL-LDT, ML, SONIC. | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample<br><table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr><td>CHASE</td><td>2619</td><td></td></tr> <tr><td>COUNCIL GROVE</td><td>2983</td><td></td></tr> <tr><td>TORONTO</td><td>4276</td><td></td></tr> <tr><td>LANSING</td><td>4372</td><td></td></tr> <tr><td>MARMATON</td><td>5099</td><td></td></tr> <tr><td>MORROW</td><td>5724</td><td></td></tr> <tr><td>STE. GENEVIEVE</td><td>6362</td><td></td></tr> <tr><td>ST. LOUIS</td><td>6449</td><td></td></tr> </tbody> </table> | Name  | Top | Datum | CHASE | 2619 |  | COUNCIL GROVE | 2983 |  | TORONTO | 4276 |  | LANSING | 4372 |  | MARMATON | 5099 |  | MORROW | 5724 |  | STE. GENEVIEVE | 6362 |  | ST. LOUIS | 6449 |  |
|--|---|-------|-----|-------|-------|------|--|---------------|------|--|---------|------|--|---------|------|--|----------|------|--|--------|------|--|----------------|------|--|-----------|------|--|
| Name   | Top   | Datum |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| CHASE  | 2619  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| COUNCIL GROVE  | 2983  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| TORONTO  | 4276  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| LANSING  | 4372  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| MARMATON   | 5099  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| MORROW   | 5724  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| STE. GENEVIEVE   | 6362  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |
| ST. LOUIS  | 6449  |       |     |       |       |      |  |               |      |  |         |      |  |         |      |  |          |      |  |        |      |  |                |      |  |           |      |  |

| CASING RECORD  |                   |                           |                 |               |                |              |  |
|--|-------------------|---------------------------|-----------------|---------------|----------------|--------------|--|
| <input checked="" type="checkbox"/> New <input type="checkbox"/> Used<br>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                     | 23.0            | 1698          | P+ MIDCON 2/P+ | 390/100      | 3%CC, 1/4#SK FLC/2%CC, 1/4#SK FLC.               |
| PRODUCTION   | 7-7/8             | 5-1/2                     | 15.5            | 6238          | VERSASET       | 175          | .6% HALAD 322, 5% KCl, 1/4#SK FLC, .9% VERSASET. |
|  |                   |                           | F. O. TOOL @    | 3109          | MIDCON         | 60           | 2%CC, 1/4#SK FLC.                                |

| ADDITIONAL CEMENTING/SQUEEZE RECORD  |                  |                |             |                            |
|--|------------------|----------------|-------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth |                             |
|----------------|--|--|-----------------------------|
|                |  | 2  | 6046-50, 6026-28, 5990-6022 |
|                |  | FRAC: 30,000 GAL FOAMED GEL & 141,200#   | 5990-6050 (OA)              |
|                |  | 16/30 SD.  |                             |

|               |      |        |           |   |
|---------------|------|--------|-----------|---|
| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|------|--------|-----------|---|

|  |  |
|--|--|
| Date of First, Resumed Production, SWD or Inj. FIRST: 11-22-96 | Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |
|--|--|

|                                   |             |              |                |               |         |
|-----------------------------------|-------------|--------------|----------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil 3 Bbls. | Gas 1504 Mcf | Water 10 Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-------------|--------------|----------------|---------------|---------|

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

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

Production Interval: 5990-6050 (OA)



HALLIBURTON

# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MED CONT

LIBERTY KS

BILLED ON TICKET NO.

106745

KCC

## WELL DATA

FIELD \_\_\_\_\_ SEC 33 TWP. 33 S RNG. 34 W COUNTY SEWARD STATE KS

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

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

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

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

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

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

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

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

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## JOB DATA

### TOOLS AND ACCESSORIES

| TYPE AND SIZE                             | QTY.     | MAKE          |
|---|----------|---------------|
| FLOAT COLLAR <u>2 1/2" x 10' x 1 1/2"</u> | <u>1</u> | <u>Hawsco</u> |
| FLOAT SHOE                                |          |               |
| GUIDE SHOE <u>REG</u>                     | <u>1</u> |               |
| CENTRALIZERS <u>S-1</u>                   | <u>5</u> |               |
| BOTTOM PLUG                               |          |               |
| TOP PLUG <u>S-1 W/PEA</u>                 | <u>1</u> |               |
| HEAD <u>BCDC</u>                          | <u>1</u> |               |
| RACKER <u>CMT BASKET</u>                  | <u>1</u> |               |
| OTHER <u>Weld-A</u>                       | <u>1</u> |               |

| CALLED OUT          | ON LOCATION         | JOB STARTED         | JOB COMPLETED       |
|---------------------|---------------------|---------------------|---------------------|
| DATE <u>10-5-96</u> | DATE <u>10-5-96</u> | DATE <u>12:53</u>   | DATE <u>10-5-96</u> |
| TIME <u>06:30</u>   | TIME <u>08:00</u>   | TIME <u>10-5-96</u> | TIME <u>24:50</u>   |

### PERSONNEL AND SERVICE UNITS

| NAME                     | UNIT NO. & TYPE | LOCATION |
|--------------------------|-----------------|----------|
| <b>RELEASED</b>          |                 |          |
| <b>OCT 15 1996</b>       |                 |          |
| <b>FROM CONFIDENTIAL</b> |                 |          |
| <b>CONFIDENTIAL</b>      |                 |          |

### MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB./GAL. °API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

NE AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT SOI CONT

DESCRIPTION OF JOB 8 3/8 SURFACE

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X O J

HALLIBURTON OPERATOR ROBERT ELWOOD

COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT             | BRAND | BULK SACKED | ADDITIVES                          | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|--------------------|-------|-------------|------------------------------------|------------------|-----------------|
|       | <u>390</u>      | <u>Pr. Procced</u> |       | <u>B</u>    | <u>3% C.C., 1/4" / 1/4" Floccs</u> | <u>3.22</u>      | <u>11.1</u>     |
|       | <u>100</u>      | <u>Pure Plus</u>   |       | <u>B</u>    | <u>2% C.C., 1/4" / 1/4" Floccs</u> | <u>1.34</u>      | <u>14.8</u>     |

### PRESSURES IN PSI

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

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

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

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

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

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

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

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

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

FEET 41.20 REASON SAME JARUP

### SUMMARY

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. 106

CEMENT SLURRY: BBL.-GAL. 22.3 (100 + 22.3)

TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

### VOLUMES

REMARKS \_\_\_\_\_

CUSTOMER: KCC  
LEASE: WELLS  
WELL NO:  
JOB TYPE:  
DATE:



HALLIBURTON

JOB LOG HAL-2013-C

DATE 10-5-96 PAGE NO. 1

CUSTOMER Annovera WELL NO. 1 LEASE New R JOB TYPE 8 3/8 SURFACE TICKET NO. 106745

| CHART NO. | TIME  | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS         |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|--|
|           |       |            |                    | T     | C | TUBING         | CASING |  |
|           | 06:30 |            |                    |       |   |                |        | CALL OUT READY NOW                             |
|           | 08:00 |            |                    |       |   |                |        | ON LOC RIG DR19                                |
|           | 09:56 |            |                    |       |   |                |        | T.D. ORIGINAL                                  |
|           | 10:14 |            |                    |       |   |                |        | TRIP OUT OF HOLE                               |
|           | 11:30 |            |                    |       |   |                |        | START CSG 8 3/8 23 1/2 FT                      |
|           | 12:37 |            |                    |       |   |                |        | CSG ON BOTTOM                                  |
|           | 12:42 |            |                    |       |   |                |        | CIRCULATE WITH RIG                             |
|           | 12:45 |            |                    |       |   |                |        | SAFETY MEETING                                 |
|           | 12:52 |            |                    |       |   |                |        | HOOK TO HALLIBURTON                            |
|           | 12:53 |            |                    |       |   |                |        | START LEAD CMT 390 SLS PT MIDCON @ 11.1 #/GAL  |
|           | 13:01 | 6.7        | 223.66             |       |   |                | 250    | START TAIL CMT 100 SLS PREM PLUS @ 14.8 #/GAL  |
|           | 13:34 | 4.7        | 23.51              |       |   |                | 250    | SHUT DOWN                                      |
|           | 13:39 |            |                    |       |   |                | 0      | DROP SWIPER TOP PLUG                           |
|           | 13:40 | 5.3        | 106                |       |   |                | 200    | START DISPLACEMENT WITH FRESH H2O, WASH P.E.L. |
|           | 14:00 |            |                    |       |   |                | 350    | START DOWN PLUG DOWN                           |
|           | 14:01 |            |                    |       |   |                | 750    | RELEASE BACK FLOAT HOLDING                     |
|           | 14:01 |            |                    |       |   |                | 0      | Job Complete                                   |

RELEASED

OCT 15 1998

FROM CONFIDENTIAL

NOV DEC 18 CONFIDENTIAL

THANK YOU FOR CALLING HALLIBURTON ENERGY SERVICES ROBERT & DANNY & CREW

Circulated to P.F. ✓ 17 BALS CMT 30 SLS CMT



**JOB LOG** HAL-2013-C

 CUSTOMER Arvadarko WELL NO. K-1 LEASE Nix JOB TYPE 035 TICKET NO. 106381

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |         | DESCRIPTION OF OPERATION AND MATERIALS          |
|-----------|------|------------|--------------------|-------|---|----------------|---------|---|
|           |      |            |                    | T     | C | TUBING         | CASING  |   |
|           | 1700 |            |                    |       |   |                |         | Notified of Job                                 |
|           | 1930 |            |                    |       |   |                |         | On Location                                     |
|           | 2001 |            |                    |       |   |                |         | SHORT Running CSG                               |
|           |      |            |                    |       |   |                |         | Port Collar on 74 <sup>th</sup> Joint as marked |
|           | 2225 |            |                    |       |   |                |         | CSG Ran Hook To Circulate                       |
|           | 2241 |            |                    |       |   |                |         | Circulating To Pit                              |
|           | 2250 |            |                    |       |   |                |         | mix Superflush                                  |
|           | 2310 |            |                    |       |   |                |         | Safety Meeting                                  |
|           | 2340 |            |                    |       |   |                |         | Hook To CMT                                     |
|           | 2350 |            |                    |       |   |                | 0-180   | START spacer                                    |
|           | 2351 | 5          | 8                  |       |   |                | 180     | START Superflush                                |
|           | 2352 | 5          | 10                 |       |   |                | 180     | START water                                     |
|           | 2354 | 5          | 8                  |       |   |                | 180     | START CMT                                       |
|           | 0001 | 6          | 37                 |       |   |                | 0       | CMT Pumped Shut Down                            |
|           | 0004 |            |                    |       |   |                | 0-40    | START DISP                                      |
|           | 0025 | 6          | 130                |       |   |                | 40-555  | SLOW RATE                                       |
|           | 0034 | 2          | 18                 |       |   |                | 550-850 | Bump Plug                                       |

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DEC 1 8

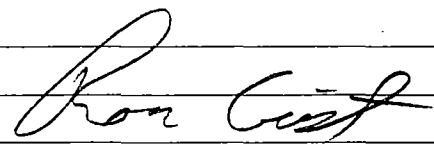
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 Wait on Rig Crew To Plug Rat & Mouse Holes  
 Rigging Down Hi Drill

RELEASED

OCT 15 1998

FROM CONFIDENTIAL



106381





JOB LOG HAL-2013-C

CUSTOMER: ANADARKO PET   
 WELL NO.: K-1   
 LEASE: NIX   
 JOB TYPE: PLACEMENT   
 TICKET NO.:

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS   |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
|           |      |            |                    | T     | C | TUBING         | CASING |  |
|           | 0900 |            |                    |       |   |                |        | JOB READY  |
|           | 0930 |            |                    |       |   |                |        | ORIGINAL   |
|           | 0815 |            |                    |       |   |                |        | CONFIDENTIAL<br>CALLED OUT FOR JOB<br>PUMP TRUCK ON LOCATION - SET UP<br>RUN 2 JTS TUB: LOCATE FO TOOL 3179' |
|           | 0935 |            |                    |       |   | 1500           | 1500   | HOOK UP TO 2 3/8 TUB<br>PRESSURE TEST  |
|           | 0930 |            |                    |       |   |                |        | OPEN FO TOOL - TAKE INJECTION RATE   |
|           | 0932 | 4.0        | 5.0                | ✓     |   | 650'           |        | FORMULISH CIRCULATION -  |
|           | 0934 | 4.0        | 340                | ✓     |   | 650            |        | START MIXING 60SKS MID CON AT 16.1 <sup>100</sup> GALL   |
|           | 0942 |            |                    |       |   |                |        | START DISPLACING   |
|           | 0946 |            | 11.5               | ✓     |   |                |        | PUMP 11 1/2 BBLs DISPLACEMENT - SHUT DOWN  |
|           | 0948 |            |                    |       |   | 1000           | 1000   | RELEASED<br>CLOSE FO TOOL - PRESSURE TEST<br>RUN 1 JT TUB IN   |
|           | 1000 |            |                    |       |   |                |        | REVERSE OUT  |
|           | SS   |            |                    |       |   |                |        | OCT 15 1998<br>GOT 1 BBL CMT BACK  |
|           | 1130 |            |                    |       |   |                |        | FROM CONFIDENTIAL<br>FINISH RUNNING TUB TO BOTTOM<br>TUB ON BOTTOM 6250'                                     |
|           | 1150 | 1.0        | 6.0                | ✓     |   | 0/100          |        | HOOK UP TO TUB<br>PUMP 250 GAL ACID TO PICKLE TUB  |
|           | 1214 |            | 16.0               |       |   |                |        | PUMP 16 BBLs WATER BEHIND  |
|           | 1218 | 1.0        | 25.0               | ✓     |   |                |        | REVERSE ACID OUT   |
|           | 1230 |            |                    |       |   |                |        | JOB COMPLETE   |

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THANK YOU!  
FOR CALLING HALLIBURTON

WOODY + TOM