

CONFIDENTIAL

KCC

RELEASED

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

JUL 26 2001

CONFIDENTIAL

Form ACO-1

September 1999

Form Must Be Typed

NOV 12 2002

WELL HISTORY - DESCRIPTION OF WELL & LEASE

FROM CONFIDENTIAL

Operator: License # 5447
Name: OXY USA, Inc.
Address: P.O. Box 2528
City/State/Zip: Liberal, KS 67905
Purchaser: Pending
Operator Contact Person: Vicki Carder
Phone: (316) 629-4200
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Tom Hefflin
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl, Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: OXY USA, Inc.
Well Name: _____

API No. 15 - 189-22378-0000
County: Stevens
N/2 - SE - NW Sec 26 Twp. 34 S. R. 35W
1491 feet from S (N) (circle one) Line of Section
1945 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Linda A Well #: 1
Field Name: Ski SE
Producing Formation: Dry Hole
Elevation: Ground: 2978 Kelly Bushing: 2990
Total Depth: 6800 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1683 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

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Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. To Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
05/03/01 06/16/01 06/17/01
Spud Date or _____ Date Reached TD _____ Completion Date or _____
Recompletion Date _____

Drilling Fluid Management Plan ~~CONFIDENTIAL~~
(Data must be collected from the Reserve Pit)
Chloride content 2100 ppm Fluid volume 12000 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature: Vicki Carder
Title: Capital Projects Date July 25, 2001
Subscribed and sworn to before me this 25th day of July
20 01
Notary Public: Anita Peterson
Date Commission Expires: Oct. 1, 2001

KCC Office Use Only
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JUL 26 2001

NOTARY PUBLIC, State of Kansas
ANITA PETERSON
My Appt. Exp. Oct. 1, 2001

CONSERVATION DIVISION

Operator Name: COXY USA, Inc. Lease Name: Linda A Well #: 1

Sec. 26 Twp. 34 S. R. 35W East West County: Stevens

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

| | | | | |
|---|--|---|----------------------------------|---------------------------------|
| Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Heebner | 4337 | -1347 |
| Electric Log Run <i>(Submit Copy)</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Lansing | 4458 | -1468 |
| List All E. Logs Run: | <input checked="" type="checkbox"/> Microlog <input checked="" type="checkbox"/> Induction | Marmaton | 4855 | -1865 |
| <input checked="" type="checkbox"/> Sonic <input checked="" type="checkbox"/> Neutron <input checked="" type="checkbox"/> Geological Report | | Cherokee | 5507 | -2517 |
| | | Morrow | 5879 | -2889 |
| | | Chester | 6248 | -3258 |
| | | St. Genevieve | 6512 | -3522 |
| | | St. Louis | 6623 | -3633 |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|----------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (in. O.D.) | Weight Lbs./ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Conductor | | | | | C | | |
| Surface | 12 1/4 | 8 5/8 | 24 | 1683 | C | 750 | 2% CC, 1/8# Polyflake |
| Production | | | | | C | | |

ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|------------------|----------------|-------------|-------------------------------|
| <input checked="" type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | 40-360 | C | 400 | Perf Surf. Csg 825'-826' |
| <input type="checkbox"/> Plug Back TD | | | 42 | TOC 110' - Topped off annulus |
| <input type="checkbox"/> Plug off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/type | Acid, Fracture, Shot, Cement Squeeze Record | |
|----------------|---|---|-------|
| | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used) | Depth |
| | Received Orders to P&A | All Cmt 60/40 POZ w/6% Gel | |
| | 3300' w/100 sxs cmt | | |
| | 1700' w/50 sxs cmt | | |
| | 750' w/50 sxs cmt | | |
| | 40' w/10 sxs cmt | | |

| | | | | |
|--|--|-----------|------------|---|
| TUBING RECORD | Size NA | Set At NA | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Enhr. Dry Hole | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) | | | |
| Estimated Production Per 24 Hours | Oil BBLs | Gas Mcf | Water Bbls | Gas-Oil Ratio Gravity |

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

(If vented, Submit ACO-18) Other (Specify) P & A

| | | |
|--|---|--|
| MCIQ ID / EMP. # MCLIQ103 106304 | H.E.S. EMPLOYEE NAME TYCE DAVIS | PSL DEPARTMENT Cementing Services |
| LOCATION LIBERAL, KS | COMPANY OXY-USA | CUSTOMER REP / PHONE JAKE SLATTEN 629-3630 |
| TICKET AMOUNT \$7,953.34 | WELL TYPE 01 | APIAM # 15-189-22378 |
| WELL LOCATION LAND WEST LIBERAL | DEPARTMENT CEMENT | SAP BOMB NUMBER 7528 |
| LEASE NAME LINDA | Well No. A-1 | SEC / TWP / RING 26-34-35 |
| RES FACILITY (CLOSEST TO WELL SITE) LIBERAL KS | | Description Cement Plug Back |

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| HES EMP NAME / EMP # / (EXPOSURE HOURS) | HRS | HRS | HRS | HRS |
|---|-----|-----|-----|-----|
| Davis, T 106304 | 5.5 | | | |
| Miller, A 126452 | 5.5 | | | |
| Bradshaw F 227645 | 5.5 | | | |
| White L 232712 | 5.5 | | | |

KOC

JUL 26 2001

| HES UNIT #S / (R/T MILES) | R/T MILES | R/T MILES | R/T MILES | R/T MILES |
|---------------------------|-----------|-----------|-----------|-----------|
| 10219237 | 25 | | | |
| 10240236-10240245 | 20 | | | |

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

| Date | Called Out | On Location | Job Started | Job Completed |
|------|------------|-------------|-------------|---------------|
| | 6/17/01 | 6/17/01 | 6/17/01 | 6/17/01 |
| Time | 0930 | 1300 | 1415 | 1800 |

Tools and Accessories

| Type and Size | Qty | Make |
|---------------|-----|------|
| Float Collar | | |
| Float Shoe | | |
| Centralizers | | |
| Top Plug | | |
| HEAD | | |
| Limit clamp | | |
| Weld-A | | |
| Guide Shoe | | |
| BTM PLUG | | |

Well Data

| | New/Used | Weight | Size | Grade | From | To | Max. Allow |
|--------------|----------|--------|-------|-------|------|-------|------------|
| Casing-Liner | | | | | 0 | | |
| Liner | | | | | | | |
| Liner | | | | | | | |
| Tubing | | | | | | | |
| Drill Pipe | USED | 16.6 | 4 1/2 | | KB | 3,300 | |
| Open Hole | | | | | | | Shots/Ft. |
| Perforations | | | | | | | |
| Perforations | | | | | | | |
| Perforations | | | | | | | |

Materials

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

Hours On Location

| Date | Hours | Date | Hours | Description of Job |
|--------------|-------|--------------|-------|--------------------|
| 6/17 | | 6/17 | | |
| Total | | Total | | |

Ordered _____ Hydraulic Horsepower _____ Used _____
 Treating _____ Average Rates in BPM _____ Overall _____
 Feet _____ Cement Left in Pipe _____ Reason _____ **SHOE JOINT**

Cement Data

| Stage | Sacks | Cement | Bulk/Sks | Additives | W/Rq. | Yield | Lbs/Gal |
|-------|-------|------------|----------|-----------|-------|-------|---------|
| 1 | 235 | P 40/60POZ | BULK | 6% GEL | 8.46 | 1.64 | 13.20 |

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Summary

| | | | | |
|--------------------------|----------------|------------------------|--------|----------------|
| Circulating Breakdown | Displacement | Preflush: BBI | 10.00 | Type: H20 |
| | MAXIMUM | Load & Bkdn: Gal - BBI | | Pad: Bbl - Gal |
| Average Shut In: Instant | Frac. Gradient | Treatment: Gal - BBI | | Disp: Bbl |
| | 5 Min. 15 Min. | Cement Slurry BBI | 69.0 | |
| | | Total Volume BBI | 118.00 | |

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THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____ SIGNATURE _____

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| | | | | | |
|---|--|-----------------------------------|-----------------------------|--|-------------------------|
|  HALLIBURTON | | JOB LOG | | TICKET # 1354402 | TICKET DATE 06/17/01 |
| REGION NORTH AMERICA LAND | | NWA / COUNTRY USA | | BDA / STATE KS | COUNTY STEVENS |
| MBU ID / EMPL # MCLIO103 106304 | | H.E.S EMPLOYEE NAME TYCE DAVIS | | PSL DEPARTMENT Cementing Services | |
| LOCATION LIBERAL KS | | COMPANY OXY-USA | | CUSTOMER REP / PHONE JAKE SLATTEN 629-3630 | |
| TICKET AMOUNT \$7,953.34 | | WELL TYPE 01 | | API/UMI # 15-189-22378 | |
| WELL LOCATION LAND WEST LIBERAL | | DEPARTMENT CEMENT | | JOB PURPOSE CODE Cement Plug Back | |
| LEASE NAME LINDA | | Well No. A-1 | SEC / TWP / RNG 26-34-35 | HES FACILITY (CLOSEST TO WELL #) LIBERAL KS | |

| HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS |
|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| Davis, T 106304 | 5.5 | | | | | | |
| Miller, A 126452 | 5.5 | | | | | | |
| Bradshaw F 227645 | 5.5 | | | | | | |
| White L 232712 | 5.5 | | | | | | |

| Chart No. | Time | Rate (BPM) | Volume (BBL/GAL) | Rate | | | Job Description / Remarks |
|-----------|------|------------|------------------|------|-----|-----|------------------------------------|
| | | | | ft2 | CSG | Tbq | |
| | 0930 | | | | | | CALLED OUT FOR JOB |
| | 1300 | | | | | | ON LOCATION RIG TIHW/DP |
| | 1410 | | | | | | HOOK IRON TO PT |
| | 1415 | | | | | | PSI TEST LINES |
| | | | | | | | 1ST PLUG AT 3300FT |
| | 1416 | 6.0 | 10.0 | | 500 | | PUMP H2O SPACER |
| | 1418 | 6.0 | 29.0 | | 500 | | PUMP 100SX PREM 60/40 POZ AT 13.2# |
| | 1423 | 6.0 | 39.0 | | | | PUMP DISPLACEMENT |
| | 1432 | | | | | | SHUT DOWN PULL DP |
| | | | | | | | 2ND PLUG AT 1700FT |
| | 1525 | | | | | | PSI TEST LINES |
| | 1526 | 6.0 | 10.0 | | 250 | | PUMP H2O SPACER |
| | 1531 | 6.0 | 14.5 | | 400 | | PUMP 50SX PREM 60/40 AT 13.2# |
| | 1535 | 2.5 | 20.5 | | | | PUMP DISPLACEMENT |
| | 1539 | | | | | | SHUT DOWN PULL DP |
| | | | | | | | 3RD PLUG AT 750 |
| | 1608 | | | | | | PSI TEST LINES |
| | 1609 | 3.5 | 40.0 | | 120 | | PUMP H2O SPACER |
| | 1619 | 6.0 | 14.5 | | 200 | | PUMP 50SX PREM 60/40 AT 13.2# |
| | 1621 | 6.0 | 7.0 | | | | PUMP DISPLACEMENT |
| | 1624 | | | | | | SHUT DOWN PULL DP |
| | | | | | | | 10SX AT 40FT |
| | 1745 | | 2.0 | | | | 10SX IN MOUSE HOLE |
| | 1750 | | 2.0 | | | | 15SX IN RAT HOLE |
| | 1755 | | 4.0 | | | | JOB OVER |
| | 1800 | | | | | | |

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JUL 26 2001

CONSERVATION DIVISION



JOB SUMMARY

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| | | | |
|------------------------------|--------------------------------|---|---|
| REGION North America | NWA / COUNTRY Mid Cont. | TICKET # 1330674 | TICKET DATE 6-6-01 |
| MBU ID / EMP # 212223 | EMPLOYEE NAME Jerrako Evans | BDA / STATE KS | COUNTY Stevens |
| LOCATION Liberal, KS | COMPANY OXY-USA | PSL DEPARTMENT Cement | CUSTOMER REP / PHONE Jake Slatten 629-3630 |
| TICKET AMOUNT \$29068.99 | WELL TYPE oil | API / UWI # 15-189-22378 | JOB PURPOSE CODE 7521 |
| WELL LOCATION Liberal, KS | DEPARTMENT Cement | JOB PURPOSE CODE 7521 | HEALTH FACILITY (CLOSEST TO WELL SITE) KCC |
| LEASE / WELL # Linda A-1 | SEC / TWP / RNG 26-34S-35W | HEALTH FACILITY (CLOSEST TO WELL SITE) L Liberal, KS | KCC |

| HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS |
|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| J Evans 212223 | 9 | G Humphries 106085 | 9 | | | | |
| L Carpenter 105853 | 9 | | | | | | |
| C Garza 194445 | 9 | | | | | | |
| J Branch 229451 | 9 | | | | | | |

| HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES | HES UNIT NUMBERS | R/T MILES |
|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| 422207 | 20 | | | | | | |
| 10251387 | 26 | | | | | | |
| 54225-6611 | 25 | | | | | | |
| 10244148-6618 | 25 | | | | | | |

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

| DATE TIME | CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|----------------|----------------|----------------|----------------|----------------|
| 6-6-01 1200 | 6-6-01 1210 | 6-6-01 1310 | 6-6-01 2100 | 6-6-01 2100 |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY | MAKE |
|---------------|-----|-------------------|
| Float Collar | | |
| Float Shoe | | |
| Guide Shoes | | RELEASED |
| Centralizers | | |
| Bottom Plug | | NOV 12 2002 |
| Top Plug | | |
| Head | | |
| Packer | | FROM CONFIDENTIAL |
| Other | | |

WELL DATA

| NEW/USED | WEIGHT | SIZE | FROM | TO | MAX ALLOW |
|--------------|--------|------|------|----|-----------|
| Casing | | | | | |
| Liner | | | | | |
| Liner | | | | | |
| Tbg/D.P. | | | | | |
| Tbg/D.P. | | | | | SHOTS/FT. |
| Open Hole | | | | | |
| Perforations | | | | | |
| Perforations | | | | | |
| Perforations | | | | | |

MATERIALS

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

| HOURS ON LOCATION | | OPERATING HOURS | | DESCRIPTION OF JOB |
|-------------------|-------|-----------------|-------|--------------------|
| DATE | HOURS | DATE | HOURS | |
| 6-6-01 | 9 | 6-6-01 | 2 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| TOTAL | | TOTAL | | JUL 26 2001 |

CEMENT DATA

| STAGE | SACKS | CEMENT | BULK/SKS | ADDITIVES | YIELD | LBS/GAL |
|-------|-------|-----------|----------|-----------|-------|---------|
| 1 | 400 | Prem plus | Bulk | 2% CC | 1.34 | 14.8 |
| 2 | 42 | Prem plus | Bulk | Neat | 1.34 | 14.8 |

Circulating _____ Displacement _____ Preflush: Gal-BBL _____ Type _____
 Breakdown _____ Maximum _____ Load & Bkdn: Gal-BBI _____ Pad: BBI-Gal _____
 Average _____ Frac Gradient _____ Treatment Gal-BBI _____ Disp: BBI-Gal 50
 Shut In: Instant _____ 5 Min _____ 15 Min _____ Cement Slurr Gal-BBI 1st stage 72 bbl 2nd stage 10 bbl
 Total Volume Gal-BBI _____

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



JOB LOG

ORDER NO. 70006

| | | | |
|-------------------------------------|--------------|-------------|---------|
| TICKET # | 1330624 | TICKET DATE | 6-20-01 |
| BDA / STATE | KO | COUNTY | SEWELL |
| PSL DEPARTMENT | C... | | |
| CUSTOMER REP / PHONE | John St... | | |
| API / UWI # | 15-189-22378 | | |
| JOB PURPOSE CODE | 7521 | | |
| HES FACILITY (CLOSEST TO WELL SITE) | L.S., K. | | |

| | | | |
|----------------|---------------|-----------------|-------------|
| REGION | North America | NWA / COUNTRY | Mexico |
| MBU ID / EMP # | 213723 | EMPLOYEE NAME | S... |
| LOCATION | L.S., K. | COMPANY | O... |
| TICKET AMOUNT | 2400.00 | WELL TYPE | O.I. |
| WELL LOCATION | L.S., K. | DEPARTMENT | C... |
| LEASE / WELL # | L.S., A-1 | SEC / TWP / RNG | 26-343-1... |

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| HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMP # (EXPOSURE HOURS) | HRS |
|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|-------------------------------------|-----|
| S... | 9 | G... | 9 | | | | |
| L... | 9 | | | | | | |
| L... | 9 | | | | | | |
| L... | 9 | | | | | | |

ORIGINAL

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| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL/GAL) | PUMPS | | PRESS (psi) | | JOB DESCRIPTION/REMARKS |
|-----------|------|------------|------------------|-------|---|-------------|-----|------------------------------------|
| | | | | T | C | Tbg | Csg | |
| | 1200 | | | | | | | Called out |
| | 1210 | | | | | | | at Location |
| | 1310 | | 10 | | | | | Pump 10 bbl H ₂ O ahead |
| | 1312 | | 72 | | | | | Pump cnt |
| | 1405 | | 50 | | | | | Pump Disp 50 bbl stop station |
| | 1430 | | | | | | | Bump plug |
| | | | | | | | | wait for wire line truck |
| | 2030 | | 10 bbl | | | | | Pump cnt 50 ft to fill |
| | 2045 | | | | | | | wash up |
| | 2100 | | | | | | | end Job |

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Thanks For calling Halliburton

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KANSAS CORPORATION COMMISSION

JUL 26 2001

CONSERVATION DIVISION

HALLIBURTON **JOB SUMMARY** **CONFIDENTIAL** 1330674 06/05/01

| | | | |
|--|---|--|---|
| REGION NORTH AMERICA LAND | NWA / COUNTRY MID CONTINENT | BDA / STATE KS | COUNTY STEVENS |
| WELL ID / EMPL # MCLI0101 106322 | H.E.S. EMPLOYEE NAME DANNY McLANE | PSL DEPARTMENT Cementing Services | |
| LOCATION LIBERAL | COMPANY OXY-USA | CUSTOMER REP / PHONE DAVID RICE 629-3596 | |
| TICKET AMOUNT \$13,268.18 | WELL TYPE OIL | API/WVI # 15-189-22378 | |
| WELL LOCATION LIBERAL | DEPARTMENT CEMENT | SAP BOMB NUMBER 7521 | Description Cement Surface Casing |
| LEASE NAME LINDA | Well No. A-1 | SEC / TWP / RNG 26 34S 35W | HES FACILITY (CLOSEST TO WELL SITE) LIBERAL |

| HES EMP NAME / EMP # / (EXPOSURE HOURS) | HRS | HES EMP NAME / EMP # / (EXPOSURE HOURS) | HRS |
|---|------------|---|------------|
| McLane, D 106322 | 7.0 | Archuleta, M 226383 | 7.0 |
| Tate, N 105953 | 7.0 | | |
| Cochran, M 217398 | 7.0 | | |
| Schawo, N 222552 | 7.0 | | |

ORIGINAL

| HES. UNT #S / (R / T MILES) | R / T MILES | HES. UNT #S / (R / T MILES) | R / T MILES |
|-----------------------------|-------------|-----------------------------|-------------|
| 420995 | 25 | | |
| 54038 78202 | 25 | | |
| 10243558 6612 | 20 | | |
| 52383 6611 | 20 | | |

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| | | | | | |
|---|------|-------------------|-------------------|-------------------|-------------------|
| Form. Name _____ Type: _____ | Date | Called Out | On Location | Job Started | Job Completed |
| Form. Thickness _____ From _____ To _____ | | 06/05/2001 | 06/05/2001 | 06/05/2001 | 06/05/2001 |
| Packer Type _____ Set At _____ | Time | 1330 | 1530 | 2018 | 2245 |
| Bottom Hole Temp. _____ Pressure _____ | | | | | |
| Retainer Depth _____ Total Depth _____ | | | | | |

Tools and Accessories

| Type and Size | Qty | Make |
|--------------------|-----|------|
| Insert 8 5/8 | 1 | H |
| Float Shoe | | |
| Centralizers 8 5/8 | 5 | O |
| Top Plug 8 5/8 | 1 | |
| HEAD 8 5/8 | 1 | W |
| Limit clamp 8 5/8 | 1 | |
| Weld-A _____ | | C |
| Guide Shoe 8 5/8 | 1 | |
| Basket 8 5/8 | 1 | O |

Well Data

| | New/Used | Weight | Size | Grade | From | To | Max. Allow |
|--------------|------------|-------------|--------------|-------|-----------|--------------|------------|
| Casing | NEW | 24.0 | 8 5/8 | | KB | 1,680 | |
| Liner | | | | | | | |
| Liner | | | | | | | |
| Tubing | | | | | | | |
| Drill Pipe | | | | | | | |
| Open Hole | | | | | | | |
| Perforations | | | | | | | |
| Perforations | | | | | | | |
| Perforations | | | | | | | |

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Materials

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

Operating Hours

| Date | Hours | Date | Hours | Description of Job |
|--------------------------|-------|-------------------------------|-------|--------------------|
| 6/5 | | 6/5 | | |
| NOV 12 2002 | | JUL 26 2001 | | |
| FROM CONFIDENTIAL | | CONSOLIDATION DIVISION | | |
| RELEASED | | SEE JOB LOG | | |

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| | | |
|----------------|----------------------------|--------------------------|
| Ordered _____ | Hydraulic Horsepower _____ | Used _____ |
| Treating _____ | Average Rates in BPM _____ | Overall _____ |
| Feet 44 | Cement Left in Pipe _____ | Reason SHOE JOINT |


Cement Data

| Stage | Sacks | Cement | Bulk/Sks | Additives | W/Rq. | Yield | Lbs/Gal |
|----------|------------|-------------------|-------------|------------------------------|--------------|-------------|--------------|
| 1 | 600 | P+ HLC | BULK | 2% CC 1/8# POLY FLAKE | 11.76 | 2.10 | 12.20 |
| | 150 | PREM. PLUS | BULK | 2% CC 1/8# POLY FLAKE | 6.30 | 1.32 | 14.8 |

Summary

| | | | | |
|------------------------|----------------------|------------------------------|-----------------------|----------------------|
| Circulating _____ | Displacement _____ | Preflush: BBI _____ | 40.00 | Type: WATER |
| Breakdown _____ | MAXIMUM _____ | Load & Bkdn: Gal - BBI _____ | | Pad: Bbl - Gal _____ |
| | | | | 104 |
| Average _____ | Frac. Gradient _____ | Treatment: Gal - BBI _____ | GL _____ | 104 |
| Shut In: Instant _____ | 5 Min. _____ | Cement Slurry BBI _____ | LC 224.5 TC 35 | Disp: Bbl _____ |
| | | Total Volume BBI _____ | #VALUE! | |

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____

| | | | | | |
|---|--|--------------------------------------|-------------------------------|---|-------------------------|
|  HALLIBURTON | | JOB LOG | | TICKET # 1330674 | TICKET DATE 06/05/01 |
| REGION NORTH AMERICA LAND | | NWA / COUNTRY MID CONTINENT | | BDA / STATE KS | COUNTY STEVENS |
| MBU ID / EMPL # MCLI0101 106322 | | H.E.S. EMPLOYEE NAME DANNY McLANE | | PSL DEPARTMENT Cementing Services | |
| LOCATION LIBERAL | | COMPANY OXY-USA | | CUSTOMER REP / PHONE DAVID RICE 629-3596 | |
| TICKET AMOUNT \$13,268.18 | | WELL TYPE OIL | | API/UVI # 15-189-22378 | |
| WELL LOCATION LIBERAL | | DEPARTMENT CEMENT | | JOB PURPOSE CODE Cement Surface Casing | |
| LEASE NAME LINDA | | Well No. A-1 | SEC / TWP / RNG 26 34S 35W | HES FACILITY (CLOSEST TO WELL #) LIBERAL | |

| | | | | | | | |
|--------------------------------------|-----|--------------------------------------|-----|--------------------------------------|-----|--------------------------------------|-----|
| HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS | HES EMP NAME/EMPL # (EXPOSURE HOURS) | HRS |
| McLane, D 106322 | 7 | Archuleta, M 226383 | 7 | | | | |
| Tate, N 105953 | 7 | | | | | | |
| Cochran, M 217398 | 7 | | | | | | |
| Schawo, N 222552 | 7 | | | | | | |

ORIGINAL

JUL 26 2001

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| Chart No. | Time | Rate (BPM) | Volume (BBL)(GAL) | Rate | | | Job Description / Remarks |
|-----------|------|------------|-------------------|------|-----|--------|---|
| | | | | NZ | CSG | Tbg | |
| | 1330 | | | | | | CALLED FOR JOB |
| | 1530 | | | | | | ON LOCATION RIG ON BOTTOM CIRCULATING HOLD |
| | | | | | | | SAFTY METTING SET UP TRUCKS |
| | 1600 | | | | | | RIG TRIPPING OUT DP |
| | 1715 | | | | | | DP OUT OF HOLE |
| | 1720 | | | | | | RIG UP CASING CREW |
| | 1745 | | | | | | START RUNNING 8 5/8 CASING AND FLOAT EQUIP. |
| | 1943 | | | | | | DROP CASING TRY TO STAB WITH FULL JOINT OF CASING |
| | 1950 | | | | | | STABED ON TO CASING AND PULLED BACK UP TO SURFACE |
| | 2007 | | | | | | HOOK UP P/C AND CIRCULATING IRON |
| | 2010 | | | | | | START CIRCULATING AND LOST RETURNS |
| | 2015 | | | | | | THUR CIRCULATING THUR CASING AND TIE ON TO PUMP TRU |
| | 2016 | | | | | | RIG TRY TO FILL HOLE THOUGH BACK SIDE |
| | 2050 | | | | | | UNABLE TO LOAD HOLE GIVE TO HALLIBURTON |
| | | | | | | | TO START CEMENT JOB |
| | | | | | | | JOB PROCEDURE FOR 8 5/8 SURFACE |
| | 2018 | | | | | 0/2300 | PRESSURE TEST LINES |
| | 2052 | 5.0 | 40.0 | | | 0/90 | START FRESH WATER AHEAD |
| | 2108 | 3.0 | 224.5 | | | 110 | START LEAD CEMENT @ 12.2 # |
| | 2206 | 3.0 | 35.0 | | | 135 | START TAIL CEMENT @ 14.8 # STARTED TO CIRCUATE |
| | 2213 | | | | | | THUR MIXING CEMENT ✓ |
| | 2214 | | | | | | SHUT DOWN AND RELEASE TOP PLUG |
| | 2216 | 5.0 | 104.0 | | | 0/40 | START FRESH WATER DISPLACEMENT |
| | 2233 | | | | | 160 | DISPLACEMENT CAUGHT CEMENT (F) |
| | 2240 | | | | | 400 | PLUG LANDED |
| | 2245 | | | | | 800/0 | RELEASE FLOATS |

RELEASED

NOV 12 2002

FROM CONFIDENTIAL

SAS CORPORATION COMMISSION

JUL 26 2001

CONSERVATION DIVISION

THANK YOU FOR CALLING HALLIBURTON
DANNY & CREW