

ORIGINAL

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 5663
Name: Hess Oil Company
Address: P. O. Box 1009
City/State/Zip: McPherson, KS 67460
Purchaser:
Operator Contact Person: Bryan Hess
Phone: (620) 241-4640
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: James C. Hess

RECEIVED

APR 02 2004

KCC WICHITA

Designate Type of Completion:
New Well Re-Entry Workover
Oil SWD SLOW Temp. Abd.
Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:

Original Comp. Date: Original Total Depth:
Deepening Re-perf. Conv. to Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.?) Docket No. D-28308

2-8-04 2-15-04 3-3-04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 135-24256-0001
County: Ness
App. E2 NE NE Sec. 7 Twp. 16 S. R. 22 East West
635 feet from N Line of Section
360 feet from E Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Ruby Well #: 3
Field Name: Waring

Producing Formation:
Elevation: Ground: 2399' Kelly Bushing: 2404'
Total Depth: 4480' Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 231 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1712 Feet
If Alternate II completion, cement circulated from 1712 feet depth to surface w/ 200 sx cmt.

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

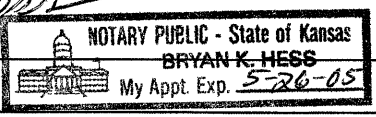
Workover log 4.19.04

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature: Dick Hess
Title: Dick Hess, President Date: 4-1-04

Subscribed and sworn to before me this 1st day of April, 2004
Notary Public: Bryan K. Hess
Date Commission Expires: 5-26-05



KCC Office Use ONLY
No Letter of Confidentiality Attached
If Denied, Yes Date:
Yes Wireline Log Received
Yes Geologist Report Received
Yes UIC Distribution

Operator Name: Hess Oil Company Lease Name: Ruby Well #: 3  
 Sec. 7 Twp. 16 S. R. 22  East  West County: Ness

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><br><b>Radiation Guard</b> | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

| 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 |
| Surface                                                                             | 12-1/4            | 8-5/8                     | 23                | 231           | 60/40 Poz      | 170          | 3% cc, 2% gel              |
| Long string                                                                         | 7-7/8             | 5-1/2                     | 14                | 439/          | EA-2           | 100          |                            |
|                                                                                     |                   |                           |                   |               | & SMD          | 200          |                            |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

|                                                  |           |                                                                                                                                                               |                                                                               |
|--------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| TUBING RECORD                                    |           | Size <u>2-3/8</u> Set At <u>4350</u> Packer At <u>4350</u>                                                                                                    | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. |           | Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                                                                               |
| Estimated Production Per 24 Hours                | Oil Bbls. | Gas Mcf                                                                                                                                                       | Water Bbls. Gas-Oil Ratio Gravity                                             |

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 \_\_\_\_\_

ORIGINAL

HESS OIL COMPANY

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APR 02 2004

KCC WICHITA

P.O. BOX 1009  
McPHERSON, KANSAS 67460-1009  
(620) 241-4640

ACO-1 Completion Form Attachment

Ruby #3

Approx. E/2 NE NE, Section 7-16-22W  
Ness County, Kansas

Elevation: 2404' KB

| <u>FORMATION</u> | <u>SAMPLE TOP</u> | <u>DATUM</u> |
|------------------|-------------------|--------------|
| Anhydrite        | 1748'             | (+656')      |
| Base Anhydrite   | 1786'             | (+618')      |
| Heebner          | 3760'             | (-1356')     |
| Toronto          | 3784'             | (-1380')     |
| LKC              | 3798'             | (-1394')     |
| Stark Shale      | 4018'             | (-1614')     |
| Base KC          | 4070'             | (-1666')     |
| Marmaton         | 4084'             | (-1680')     |
| Pawnee           | 4172'             | (-1768')     |
| Fort Scott       | 4258'             | (-1854')     |
| Cherokee Shale   | 4282'             | (-1878')     |
| Cherokee Sand    | 4353'             | (-1949')     |
| Mississippian    | 4381'             | (-1977')     |
| RTD/LTD          | 4480'             | (-2076')     |

DST #1: Depth: 4280'-4360'. Times: 15-45-30-45. Blows: IF - BOB in 4-1/2 min, no return; FF - BOB in 6 min, no return. Recoveries: 420' SMCW (10% mud, 90% wtr); 300' MCW (20% mud, 80% wtr), 180' WCM (50% mud, 50% wtr), 120' SWCM (20% wtr, 80% mud). Pressures: IH 2187#, IF 50-257#, ISI 1271#, FF 244-487#, FSI 1259#, FH 2079#

# SWIFT SERVICES, INC.

PO BOX 466  
NESS CITY, 67560-0466

# Invoice

RECEIVED  
APR 02 2004  
KCC WICHITA

|         |           |
|---------|-----------|
| DATE    | INVOICE # |
| 2/15/04 | 6404      |

|                                                             |
|-------------------------------------------------------------|
| BILL TO                                                     |
| Hess Oil Company<br>PO Box 1009<br>McPherson, KS 67460-1009 |

| TERMS           | Well No.                                | Lease | County | Contractor      | Well Type | Well Category | Operator  | Job Purpose      |
|-----------------|-----------------------------------------|-------|--------|-----------------|-----------|---------------|-----------|------------------|
| Net 30          | # - SWD                                 | Ruby  | Ness   | Murfin Drilling | Disposal  | Development   | Wayne     | 5 1/2" Longst... |
| PRICE REFERE... | DESCRIPTION                             |       |        |                 | QTY       | UNIT PRICE    | AMOUNT    |                  |
| 575D            | Milage                                  |       |        |                 | 20        | 2.50          | 50.00     |                  |
| 579D            | Pump Service - Two-Stage                |       |        |                 | 1         | 1,500.00      | 1,500.00  |                  |
| 221             | Liquid KCL                              |       |        |                 | 4         | 19.00         | 76.00T    |                  |
| 281             | Mud Flush                               |       |        |                 | 500       | 0.60          | 300.00T   |                  |
| 407-5           | 5 1/2" Insert Float Shoe with Auto Fill |       |        |                 | 1         | 230.00        | 230.00T   |                  |
| 409-5           | 5 1/2" Turbolizers                      |       |        |                 | 2         | 54.00         | 108.00T   |                  |
| 402-5           | 5 1/2" Centralizers                     |       |        |                 | 1         | 44.00         | 44.00T    |                  |
| 403-5           | 5 1/2" Cement Basket                    |       |        |                 | 1         | 125.00        | 125.00T   |                  |
| 408-5           | 5 1/2" D.V. Tool & Plug Set             |       |        |                 | 1         | 2,150.00      | 2,150.00T |                  |
| 325             | Cement                                  |       |        |                 | 100       | 7.00          | 700.00T   |                  |
| 330             | Swift Multi-Density                     |       |        |                 | 200       | 9.75          | 1,950.00T |                  |
| 276             | Flocele                                 |       |        |                 | 75        | 0.90          | 67.50T    |                  |
| 283             | Salt                                    |       |        |                 | 500       | 0.15          | 75.00T    |                  |
| 284             | Calseal                                 |       |        |                 | 5         | 25.00         | 125.00T   |                  |
| 285             | CFR-1                                   |       |        |                 | 50        | 2.75          | 137.50T   |                  |
| 581D            | Service Charge Cement                   |       |        |                 | 300       | 1.00          | 300.00T   |                  |
| 583D            | Drayage                                 |       |        |                 | 304.45    | 0.85          | 258.78    |                  |
|                 | Subtotal                                |       |        |                 |           |               | 8,196.78  |                  |
|                 | Sales Tax                               |       |        |                 |           | 5.30%         | 322.66    |                  |

68888  
FEB 27 2004

Thank you for your business.

**Total**

**\$8,519.44**

**JOB LOG**

**SWIFT Services, Inc.**

DATE 2-15-04 PAGE NO. 1

CUSTOMER **HASS OIL** WELL NO. **# 3 - SWD** LEASE **RUBY** JOB TYPE **5 1/2 2-STAGE LONGSTRNG** TICKET NO. **6404**

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        | DESCRIPTION OF OPERATION AND MATERIALS       |
|-----------|------|------------|--------------------|-------|---|----------------|--------|----------------------------------------------|
|           |      |            |                    | T     | C | TUBING         | CASING |                                              |
|           | 1730 |            |                    |       |   |                |        | ON LOCATION                                  |
|           | 1900 |            |                    |       |   |                |        | START 5 1/2" CSG W WELL                      |
|           |      |            |                    |       |   |                |        | TD - 4480 SITE 4391                          |
|           |      |            |                    |       |   |                |        | TP - 4401 5 1/2 - 14" / FT                   |
|           |      |            |                    |       |   |                |        | APR 02 2004 ST - 15'                         |
|           |      |            |                    |       |   |                |        | KCC WICHITA CENTRALIZER - NR80 1,2 REMARK 67 |
|           |      |            |                    |       |   |                |        | CMT BSKT - P2J 68                            |
|           |      |            |                    |       |   |                |        | DV TOOL = 1712' TOP JT # 68                  |
|           | 2100 |            |                    |       |   |                |        | DROP BALL - CIRCULATE WELL                   |
|           | 2140 | 6          | 12                 |       | ✓ | 450            |        | PUMP 500 GAL MUD FLUSH                       |
|           | 2142 | 6          | 20                 |       | ✓ | 450            |        | PUMP 20 BBL KCL-FLUSH                        |
|           | 2146 | 6          | 24                 |       | ✓ | 350            |        | MIX 100 SLS SA-2 CMT W/ADDITIONS             |
|           | 2152 |            |                    |       |   |                |        | WASH OUT PUMP                                |
|           | 2153 |            |                    |       |   |                |        | RELEASE 1ST STAGE PLUG                       |
|           | 2155 | 6 1/2      | 0                  |       | ✓ |                |        | DISPLACE PLUG                                |
|           | 2210 | 6          | 107                |       |   | 1200           |        | PLUG DOWN - RELEASE PSE, HEAD - OK           |
|           | 2215 |            |                    |       |   |                |        | DROP DV OPCWNG PLUG                          |
|           | 2235 |            |                    |       | ✓ | 1000           |        | OPW DV TOOL - CIRCULATE WELL 4 HRS           |
|           | 0215 |            |                    |       |   |                |        | PLUG RH-MH                                   |
|           | 0220 | 6          | 20                 |       | ✓ | 250            |        | PUMP 20 BBL KCL-FLUSH                        |
|           | 0225 | 6 1/2      | 111                |       | ✓ | 150            |        | MIX 200 SLS SADC W/ADDITIONS                 |
|           | 0245 |            |                    |       |   |                |        | WASH OUT                                     |
|           | 0246 |            |                    |       |   |                |        | RELEASE 2ND STAGE CLOSING PLUG               |
|           | 0248 | 6 1/2      | 0                  |       | ✓ |                |        | DISPLACE PLUG                                |
|           | 0255 | 6          | 41.8               |       |   | 550            |        | PLUG DOWN                                    |
|           | 0257 |            |                    |       |   | 1500           |        | PSE UP - CLOSE DV TOOL                       |
|           | 0258 |            |                    |       |   | OK             |        | RELEASE PSE - HEAD                           |
|           |      |            |                    |       |   |                |        | CIRCULATE 25 SLS CMT TO POT                  |
|           |      |            |                    |       |   |                |        | WASH UP                                      |
|           | 0330 |            |                    |       |   |                |        | JOB COMPLETE                                 |

THANK YOU  
WANG, DUSTY, BAZE

# ALLIED CEMENTING CO., INC. 14388

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Great Bend*

|                                    |                  |                                         |                  |                           |                            |                          |                           |
|------------------------------------|------------------|-----------------------------------------|------------------|---------------------------|----------------------------|--------------------------|---------------------------|
| DATE <i>2-8-04</i>                 | SEC. <i>7</i>    | TWP. <i>11e</i>                         | RANGE <i>22w</i> | CALLED OUT <i>1:00 pm</i> | ON LOCATION <i>4:30 pm</i> | JOB START <i>5:00 pm</i> | JOB FINISH <i>5:30 pm</i> |
| LEASE <i>Ruby</i>                  | WELL # <i>#3</i> | LOCATION <i>Brownell - 2 west - 3rd</i> |                  | COUNTY <i>Hess</i>        | STATE <i>KS</i>            |                          |                           |
| OLD OR NEW (Circle one) <i>NEW</i> |                  | <i>1/2 west - South &amp; East into</i> |                  |                           |                            |                          |                           |

CONTRACTOR *Martin #23* OWNER *Hess Oil Co.*

TYPE OF JOB *Surface Pipe*

HOLE SIZE *12 1/4* T.D. *231'* CEMENT

CASING SIZE *8 5/8* DEPTH *23'* AMOUNT ORDERED *160x Common 3 & 2*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *approx 15'*

PERFS.

DISPLACEMENT *14 B B's*

**EQUIPMENT**

PUMP TRUCK CEMENTER *Jack*  
# *120* HELPER *T.D.*  
BULK TRUCK  
# *341* DRIVER *Steve.*  
BULK TRUCK  
# DRIVER

|                          |   |              |                |
|--------------------------|---|--------------|----------------|
| COMMON <i>160x</i>       | @ | <i>7.15</i>  | <i>1144.00</i> |
| POZMIX                   | @ |              |                |
| GEL <i>3 qt</i>          | @ | <i>10.00</i> | <i>30.00</i>   |
| CHLORIDE <i>Salt</i>     | @ | <i>30.00</i> | <i>150.00</i>  |
|                          | @ |              |                |
|                          | @ |              |                |
|                          | @ |              |                |
|                          | @ |              |                |
| HANDLING <i>168 qt</i>   | @ | <i>1.15</i>  | <i>193.20</i>  |
| MILEAGE <i>168 qt CS</i> |   | <i>20</i>    | <i>168.00</i>  |

RECEIVED TOTAL ~~1685.20~~  
APR 02 2004 *1685.20*

**REMARKS:**

*Run 5 jts of 8 5/8 csg - cement with  
170x cement - Displace plug with  
14 BBLs of fresh water. Cement  
Dial Cite*

*Thanks*

KCC WICHITA SERVICE

|                          |   |              |               |
|--------------------------|---|--------------|---------------|
| DEPTH OF JOB <i>230'</i> |   |              |               |
| PUMP TRUCK CHARGE        |   |              | <i>520.00</i> |
| EXTRA FOOTAGE            | @ |              |               |
| MILEAGE <i>20</i>        | @ | <i>3.50</i>  | <i>70.00</i>  |
| PLUG <i>18 3/8 Wood</i>  | @ | <i>46.00</i> | <i>450.00</i> |
|                          | @ |              |               |
|                          | @ |              |               |

TOTAL *635-*

CHARGE TO: *Hess Oil Co.*  
STREET *P.O. Box 1009*  
CITY *Maplewood* STATE *KS* ZIP *67216*

FLOAT EQUIPMENT

|       |   |  |  |
|-------|---|--|--|
|       | @ |  |  |
|       | @ |  |  |
|       | @ |  |  |
|       | @ |  |  |
|       | @ |  |  |
| TOTAL |   |  |  |

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment  
and furnish competent help to assist owner or