

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

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

Operator: License # 33105  
Name: H&S Oil Co. L.L.C.  
Address: 900 east 3rd  
City/State/Zip: Cherryvale, Ks. 67335  
Purchaser: Crude Marketing  
Operator Contact Person: Jay Harper  
Phone: (620) 336-2368  
Contractor: Name: McPherson Drilling  
License: 5675  
Wellsite Geologist: Jay Harper

**RECEIVED**  
**AUG 30 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. \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| <u>7/12/04</u>                    | <u>7/14/04</u>  | <u>7/14/04</u>                          |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 15099235540000  
County: Labette  
n2 sw se se Sec. 23 Twp. 32 S. R. 17  East  West  
495 feet from (S) N (circle one) Line of Section  
952 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Sale Well #: 29

Field Name: Coffeyville-Cherryvale

Producing Formation: Bartlesville

Elevation: Ground: 794 Kelly Bushing: \_\_\_\_\_

Total Depth: 718 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 22 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit) *Alt II KQR 2/20/08*

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.: \_\_\_\_\_

**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: Jay Harper  
Title: Partner Date: \_\_\_\_\_

Subscribed and sworn to before me this 26<sup>th</sup> day of August 2004.

Notary Public: M. Denise House

Date Commission Expires: 8-1-2005

**KCC Office Use ONLY**


Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

 M. DENISE HOUSEL  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-1-2005

Operator Name: H&S Oil Co. L.L.C. Lease Name: Sale Well #: 29  
 Sec. 23 Twp. 32 S. R. 17  East  West County: Labette

**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 type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input 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>Gamma-Ray Neutron</b> | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br><table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee</td> <td>294</td> <td>Lime</td> </tr> <tr> <td>Oswego</td> <td>382</td> <td>Lime</td> </tr> <tr> <td>Mulkey</td> <td>444</td> <td>Coal</td> </tr> <tr> <td>Cattleman</td> <td>608</td> <td>Sand</td> </tr> <tr> <td>Bartlesville</td> <td>660</td> <td>Sand</td> </tr> </table> | Name  | Top | Datum | Pawnee | 294 | Lime | Oswego | 382 | Lime | Mulkey | 444 | Coal | Cattleman | 608 | Sand | Bartlesville | 660 | Sand |
| Name   | Top  | Datum |     |       |        |     |      |        |     |      |        |     |      |           |     |      |              |     |      |
| Pawnee   | 294  | Lime  |     |       |        |     |      |        |     |      |        |     |      |           |     |      |              |     |      |
| Oswego   | 382  | Lime  |     |       |        |     |      |        |     |      |        |     |      |           |     |      |              |     |      |
| Mulkey   | 444  | Coal  |     |       |        |     |      |        |     |      |        |     |      |           |     |      |              |     |      |
| Cattleman  | 608  | Sand  |     |       |        |     |      |        |     |      |        |     |      |           |     |      |              |     |      |
| Bartlesville   | 660  | Sand  |     |       |        |     |      |        |     |      |        |     |      |           |     |      |              |     |      |

| 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   | 9 1/4"            | 7"                        | 20#               | 22'           | Portland       | 4            |                            |
| Production  | 5 1/4"            | 2 7/8"                    | 6.7#              | 696           | Portland       | 96           | 3 sacks bentonite          |
|   |                   |                           |                   |               |                |              |                            |

| 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 |
|----------------|---|---|-------|
| 2              | 9 shots @ 662-666'  |   |       |
| 2              | 20 shots @ 670-680'   | 50 gal. 15% HCl acid  |       |
|                |   | 6000# sand  |       |
|                |   |   |       |
|                |   |   |       |

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

|  |  |         |             |                       |
|--|--|---------|-------------|-----------------------|
| Date of First, Resumerd Production, SWD or Enhr.<br><b>7/20/04</b> | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |         |             |                       |
| Estimated Production Per 24 Hours                                  | Oil Bbls.  | Gas Mcf | Water Bbls. | Gas-Oil Ratio Gravity |
|  | 5  | 0       | 35          |                       |

|  |   |
|--|---|
| Disposition of Gas <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><input type="checkbox"/> Other (Specify) _____ |
| Production Interval _____  |   |

# Rick's Well Service

P.O. Box 268  
129 Railroad  
Cherryvale, KS 67335

## Invoice

| DATE    | INVOICE # |
|---------|-----------|
| 7/15/04 | 1450      |

| BILL TO  |
|--|
| H&S Oil<br>900 E. 3rd Street<br>Cherryvale, KS 67335 |

Sale 29

| DATE  | DESCRIPTION                               | UNITS | RATE   | AMOUNT  |
|---|---|-------|--------|---------|
| 7/14/04   | Ran in 696' of 2 7/8" casing Pulling unit | 3     | 85.00  | 255.00T |
| 7/15/04   | Pump charge                               |       | 475.00 | 475.00T |
|   | Water truck                               | 2     | 50.00  | 100.00T |
|   | sacks cement                              | 96    | 7.75   | 744.00T |
|   | sacks of bentonite                        | 3     | 10.00  | 30.00T  |
|   | 2 1/2" cement wiper plug                  | 1     | 18.00  | 18.00T  |
|   | Sales Tax                                 |       | 7.00%  | 113.54  |
| <b>RECEIVED</b><br><b>AUG 30 2004</b><br><b>KCC WICHITA</b> |   |       |        |         |

**MAKE CHECKS PAYABLE TO:**  
**Rick's Well Service**  
**THANK YOU!**

|              |                   |
|--------------|-------------------|
| <b>Total</b> | <b>\$1,735.54</b> |
|--------------|-------------------|

**McPherson Drilling LLC Drillers Log**

|                              |                               |              |              |
|------------------------------|-------------------------------|--------------|--------------|
| <b>Rig Number:</b> 3         | <b>S. 23</b>                  | <b>T. 32</b> | <b>R. 17</b> |
| <b>API No.</b> 15- 099-23554 | <b>County:</b> Labette        |              |              |
| <b>Elev.</b> 792'            | <b>Location:</b> N/2 SW SE SE |              |              |

| <b>Gas Tests:</b>   |      |     |
|---------------------|------|-----|
| 423'                | 4.42 | MCF |
| 463'                | 8.89 | MCF |
| <b>Comments:</b>    |      |     |
| Inject water @ 450' |      |     |

|  |                              |       |      |
|--|------------------------------|-------|------|
| <b>Operator:</b> H & S Oil Co. LLC                   |                              |       |      |
| <b>Address:</b> 900 East 3rd<br>Cherryvale, KS 67335 |                              |       |      |
| <b>Well No:</b> 29                                   | <b>Lease Name:</b> Sale      |       |      |
| <b>Footage Location:</b>                             | 495 ft. from the             | South | Line |
|  | 952 ft. from the             | East  | Line |
| <b>Drilling Contractor:</b> McPherson Drilling LLC   |                              |       |      |
| <b>Spud date:</b> 7/12/2004                          | <b>Geologist:</b> Jay Harper |       |      |
| <b>Date Completed:</b> 7/14/2004                     | <b>Total Depth:</b> 718'     |       |      |

| <b>Casing Record</b>  |                |                   | <b>Rig Time:</b> |
|-----------------------|----------------|-------------------|------------------|
|                       | <b>Surface</b> | <b>Production</b> | Core 661-681     |
| <b>Size Hole:</b>     | 9 1/4"         | 5 1/4"            |                  |
| <b>Size Casing:</b>   | 7"             | H & S             |                  |
| <b>Weight:</b>        | 20#            |                   |                  |
| <b>Setting Depth:</b> | 22'            |                   |                  |
| <b>Type Cement:</b>   | Portland       | H & S             |                  |
| <b>Sacks:</b>         | 4              |                   |                  |

| <b>Well Log</b>  |            |             |                  |            |             |                  |            |             |  |
|------------------|------------|-------------|------------------|------------|-------------|------------------|------------|-------------|--|
| <b>Formation</b> | <b>Top</b> | <b>Btm.</b> | <b>Formation</b> | <b>Top</b> | <b>Btm.</b> | <b>Formation</b> | <b>Top</b> | <b>Btm.</b> |  |
| soil/clay        | 0          | 9           |                  |            |             |                  |            |             |  |
| shale            | 9          | 48          |                  |            |             |                  |            |             |  |
| lime             | 48         | 53          |                  |            |             |                  |            |             |  |
| shale            | 53         | 128         |                  |            |             |                  |            |             |  |
| lime             | 128        | 137         |                  |            |             |                  |            |             |  |
| shale            | 137        | 140         |                  |            |             |                  |            |             |  |
| lime             | 140        | 149         |                  |            |             |                  |            |             |  |
| shale            | 149        | 153         |                  |            |             |                  |            |             |  |
| lime             | 153        | 172         |                  |            |             |                  |            |             |  |
| shale            | 172        | 294         |                  |            |             |                  |            |             |  |
| pawnee lime      | 294        | 319         |                  |            |             |                  |            |             |  |
| shale            | 319        | 382         |                  |            |             |                  |            |             |  |
| 1st oswego       | 382        | 414         |                  |            |             |                  |            |             |  |
| summit           | 414        | 422         |                  |            |             |                  |            |             |  |
| 2nd oswego       | 422        | 444         |                  |            |             |                  |            |             |  |
| mulkey           | 444        | 450         |                  |            |             |                  |            |             |  |
| 3rd oswego       | 450        | 456         |                  |            |             |                  |            |             |  |
| shale            | 456        | 608         |                  |            |             |                  |            |             |  |
| sand             | 608        | 629         |                  |            |             |                  |            |             |  |
| shale            | 629        | 660         |                  |            |             |                  |            |             |  |
| oil sand         | 660        | 684         |                  |            |             |                  |            |             |  |
| lam. Sand        | 684        | 688         |                  |            |             |                  |            |             |  |
| shale            | 688        | 718 TD      |                  |            |             |                  |            |             |  |

**RECEIVED**  
**AUG 30 2004**  
**KCC WICHITA**